

# CITATION REPORT

List of articles citing

## Creating the CIPRES Science Gateway for inference of large phylogenetic trees

DOI: 10.1109/gce.2010.5676129  
, 2010, , .

**Source:** <https://exaly.com/paper-pdf/49435066/citation-report.pdf>

**Version:** 2024-04-26

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
2293	Diversity and plasticity of the intracellular plant pathogen and insect symbiont "Candidatus <i>Liberibacter asiaticus</i> " as revealed by hypervariable prophage genes with intragenic tandem repeats. <b>2011</b> , 77, 6663-73		44
2292	Mitochondrial and nuclear DNA phylogenies reveal a complex evolutionary history in the Australasian robins (Passeriformes: Petroicidae). <b>2011</b> , 61, 726-38		20
2291	Sequence and simple-sequence repeat analyses of the fungal pathogen <i>Seiridium cardinale</i> indicate California is the most likely source of the cypress canker epidemic for the Mediterranean region. <b>2011</b> , 101, 1408-17		23
2290	Cenozoic extinctions account for the low diversity of extant gymnosperms compared with angiosperms. <b>2011</b> , 192, 997-1009		142
2289	Does phylogenetic distance aid in detecting environmental gradients related to species composition?. <b>2011</b> , 22, 1143-1148		6
2288	A molecular, morphological and ecological re-appraisal of Venturiales-a new order of Dothideomycetes. <b>2011</b> , 51, 249-277		74
2287	<i>Astrosphaeriella</i> is polyphyletic, with species in <i>Fissuroma</i> gen. nov., and <i>Neoastrosphaeriella</i> gen. nov.. <b>2011</b> , 51, 135-154		57
2286	A reappraisal of Microthyriaceae. <b>2011</b> , 51, 189-248		73
2285	New insights into relationships of lichen-forming Dothideomycetes. <b>2011</b> , 51, 155-162		57
2284	Capnodiaceae. <b>2011</b> , 51, 103-134		93
2283	Distributed web security for science gateways. <b>2011</b> ,		4
2282	Apache airavata. <b>2011</b> ,		63
2281	Widespread occurrence of N-terminal acylation in animal globins and possible origin of respiratory globins from a membrane-bound ancestor. <b>2012</b> , 29, 3553-61		42
2280	Population Structure and Genetic Diversity of the Boll Weevil (Coleoptera: Curculionidae) on <i>Gossypium</i> in North America. <b>2012</b> , 105, 902-916		13
2279	<i>Kiricephalus coarctatus</i> in an Eastern Indigo Snake ( <i>Drymarchon couperi</i> ); endoscopic removal, identification, and phylogeny. <b>2012</b> , 32, 107-12		5
2278	Phylogeny, divergence times, and historical biogeography of New World Dryopteris ( <i>Dryopteridaceae</i> ). <b>2012</b> , 99, 730-50		56
2277	Dynamic evolution of telomeric sequences in the green algal order Chlamydomonadales. <b>2012</b> , 4, 248-64		37

2276	Molecular phylogeny and character evolution of the chthamaloid barnacles (Cirripedia: Thoracica). <b>2012</b> , 65, 329-34	7
2275	Phylogeny, integration and expression of sigma virus-like genes in <i>Drosophila</i> . <b>2012</b> , 65, 251-8	28
2274	Plant facilitation occurs between species differing in their associated arbuscular mycorrhizal fungi. <b>2012</b> , 196, 835-844	70
2273	Phylogenetic footprints of an Antarctic radiation: the Trematominae (Notothenioidei, Teleostei). <b>2012</b> , 65, 87-101	29
2272	Plastome sequences of two New World bamboos-- <i>Arundinaria gigantea</i> and <i>Cryptochloa strictiflora</i> (Poaceae)--extend phylogenomic understanding of Bambusoideae. <b>2012</b> , 99, 1951-61	50
2271	Miocene divergence, phenotypically cryptic lineages, and contrasting distribution patterns in common lichen-forming fungi (Ascomycota: Parmeliaceae). <b>2012</b> , 107, 920-937	58
2270	Two frog species or one? A multi-marker approach to assessing the distinctiveness of genetic lineages in the Northern Leopard Frog, <i>Rana pipiens</i> . <b>2012</b> , 13, 1167-1182	4
2269	Population genetic analysis of <i>Ensis directus</i> unveils high genetic variation in the introduced range and reveals a new species from the NW Atlantic. <b>2012</b> , 159, 2209-2227	8
2268	Species trees for the tree swallows (Genus <i>Tachycineta</i> ): an alternative phylogenetic hypothesis to the mitochondrial gene tree. <b>2012</b> , 65, 317-22	5
2267	Molecular phylogenetics of the moth genus <i>Omiodes</i> Guenée (Crambidae: Spilomelinae), and the origins of the Hawaiian lineage. <b>2012</b> , 65, 305-16	13
2266	Ranking viruses: measures of positional importance within networks define core viruses for rational polyvalent vaccine development. <b>2012</b> , 28, 1624-32	13
2265	The timing and the mode of evolution of wild grapes ( <i>Vitis</i> ). <b>2012</b> , 62, 736-47	73
2264	Phylogenetics and evolution of host-plant use in leaf-mining sawflies (Hymenoptera: Tenthredinidae: Heterarthrinae). <b>2012</b> , 64, 331-41	42
2263	A molecular phylogeny for the Tribe Dacini (Diptera: Tephritidae): systematic and biogeographic implications. <b>2012</b> , 64, 513-23	64
2262	Reticulate evolution on a global scale: a nuclear phylogeny for New World Dryopteris (Dryopteridaceae). <b>2012</b> , 64, 563-81	44
2261	Complete cpDNA genome sequence of <i>Smilax china</i> and phylogenetic placement of Liliales--influences of gene partitions and taxon sampling. <b>2012</b> , 64, 545-62	37
2260	An Integrative Approach to Species-Level Systematics Reveals the Depth of Diversification in an Andean <i>Thamnophilid</i> , the Long-tailed Antbird. <b>2012</b> , 114, 571-583	19
2259	Diagnosis of Asian <i>Raiamas</i> (Teleostei: Cyprinidae: Chedrina) with comments on chedrin relationships and previously proposed diagnostic characters for <i>Opsaridium</i> and <i>Raiamas</i> . <b>2012</b> , 59, 328-341	4

2258	Multiple nuclear genes and retroposons support vicariance and dispersal of the palaeognaths, and an Early Cretaceous origin of modern birds. <b>2012</b> , 279, 4617-25	74
2257	Evolutionary Inferences from Phylogenies: A Review of Methods. <b>2012</b> , 43, 267-285	152
2256	Spatial analyses of the phylogenetic diversity of <i>Minaria</i> (Apocynaceae): assessing priority areas for conservation in the Espinhaço Range, Brazil. <b>2012</b> , 10, 317-331	20
2255	Comparative analysis of <i>Fusarium</i> mitochondrial genomes reveals a highly variable region that encodes an exceptionally large open reading frame. <b>2012</b> , 49, 2-14	50
2254	Reconstructing the origin and elaboration of insect-trapping inflorescences in the Araceae. <b>2012</b> , 99, 1666-79	23
2253	Dynamic evolution of venom proteins in squamate reptiles. <b>2012</b> , 3, 1066	67
2252	Out of Florida: mtDNA reveals patterns of migration and Pleistocene range expansion of the Green Anole lizard ( <i>Anolis carolinensis</i> ). <b>2012</b> , 2, 2274-84	30
2251	DNA sequence data reveal a subfamily-level divergence within <i>Thamnophilidae</i> (Aves: Passeriformes). <b>2012</b> , 65, 287-93	8
2250	Using multiple analytical methods to improve phylogenetic hypotheses in <i>Minaria</i> (Apocynaceae). <b>2012</b> , 65, 915-25	11
2249	Clinical relevance of novel Otarine herpesvirus-3 in California sea lions ( <i>Zalophus californianus</i> ): lymphoma, esophageal ulcers, and strandings. <b>2012</b> , 43, 85	16
2248	Cryptic species of mites (Uropodoidea: <i>Uroobovella</i> spp.) associated with burying beetles (Silphidae: <i>Nicrophorus</i> ): the collapse of a host generalist revealed by molecular and morphological analyses. <b>2012</b> , 65, 276-86	31
2247	Acrobat ants go global--origin, evolution and systematics of the genus <i>Crematogaster</i> (Hymenoptera: Formicidae). <b>2012</b> , 65, 421-36	37
2246	Molecular phylogeny of the Entomophthoromycota. <b>2012</b> , 65, 682-94	56
2245	Towards a natural classification of Botryosphaeriales. <b>2012</b> , 57, 149-210	144
2244	Macroevolutionary dynamics and historical biogeography of primate diversification inferred from a species supermatrix. <b>2012</b> , 7, e49521	361
2243	Selection for high oridonin yield in the Chinese medicinal plant <i>Isodon</i> (Lamiaceae) using a combined phylogenetics and population genetics approach. <b>2012</b> , 7, e50753	4
2242	Taxonomy and phylogeny of <i>Merianthera</i> (Melastomataceae). <b>2012</b> , 61, 1040-1056	43
2241	The <i>Bowdichia</i> clade of Genistoid legumes: Phylogenetic analysis of combined molecular and morphological data and a recircumscription of <i>Diploptropis</i> . <b>2012</b> , 61, 1074-1087	22

2240	Pruning the polyphyletic genus <i>Polyalthia</i> (Annonaceae) and resurrecting the genus <i>Monoon</i> . <b>2012</b> , 61, 1021-1039	29
2239	A fully resolved chloroplast phylogeny of the brassica crops and wild relatives (Brassicaceae: Brassiceae): Novel clades and potential taxonomic implications. <b>2012</b> , 61, 980-988	38
2238	First Report on Isolation of <i>Penicillium adametzioides</i> and <i>Purpureocillium lilacinum</i> from Decayed Fruit of Cheongsoo Grapes in Korea. <b>2012</b> , 40, 66-70	9
2237	Phylogenetic placement of lichenicolous <i>Phoma</i> species in the Phaeosphaeriaceae (Pleosporales, Dothideomycetes). <b>2012</b> , 55, 195-213	41
2236	Activation of Hox genes during caudal regeneration of the polychaete annelid <i>Platynereis dumerilii</i> . <b>2012</b> , 222, 165-79	41
2235	Zooming-in on floral nectar: a first exploration of nectar-associated bacteria in wild plant communities. <b>2012</b> , 80, 591-602	99
2234	Dispersal ability rather than ecological tolerance drives differences in range size between lentic and lotic water beetles (Coleoptera: Hydrophilidae). <b>2012</b> , 39, 984-994	78
2233	Isolation and molecular identification of Sunshine virus, a novel paramyxovirus found in Australian snakes. <b>2012</b> , 12, 1436-46	30
2232	Phylogenetic relationships and speciation patterns in an African savanna dwelling bird genus ( <i>Myrmecocichla</i> ). <b>2012</b> , 106, 180-190	16
2231	The role of niche divergence and phenotypic adaptation in promoting lineage diversification in the Sage Sparrow ( <i>Artemisospiza belli</i> , Aves: Emberizidae). <b>2012</b> , 107, 332-354	21
2230	Phylogeny of cockroaches (Insecta, Dictyoptera, Blattodea), with placement of aberrant taxa and exploration of out-group sampling. <b>2012</b> , 37, 65-83	62
2229	Untangling complex morphological variation: taxonomic revision of the subgenus <i>Crematogaster</i> ( <i>Oxygyne</i> ) in Madagascar, with insight into the evolution and biogeography of this enigmatic ant clade (Hymenoptera: Formicidae). <b>2012</b> , 37, 240-260	18
2228	Higher-level phylogeny of the insect order Hemiptera: is Auchenorrhyncha really paraphyletic?. <b>2012</b> , 37, 7-21	117
2227	Origin and diversification of the cryptic ant genus <i>Stenammas</i> Westwood (Hymenoptera: Formicidae), inferred from multilocus molecular data, biogeography and natural history. <b>2012</b> , 37, 478-496	18
2226	Molecular evidence of cycad seed predation by immature Aulacoscelidinae (Coleoptera: Orsodacnidae). <b>2012</b> , 37, 747-757	10
2225	Towards a revised Amphinomidae (Annelida, Amphinomida): description and affinities of a new genus and species from the Nile Deep-sea Fan, Mediterranean Sea. <b>2012</b> , 41, 307-325	35
2224	Pholcid spider molecular systematics revisited, with new insights into the biogeography and the evolution of the group. <b>2013</b> , 29, 132-146	26
2223	What are the common anthracnose pathogens of tropical fruits?. <b>2013</b> , 61, 165-179	74

2222	Endophytic Colletotrichum from tropical grasses with a new species <i>C. endophytica</i> . <b>2013</b> , 61, 107-115	43
2221	<i>Pseudocercospora piperis</i> associated with leaf spots on <i>Piper aduncum</i> in Brazil. <b>2013</b> , 8, 101-103	1
2220	Mosaic evolution of silk genes in <i>Aliatypus</i> trapdoor spiders (mygalomorphae, antrodiaetidae). <b>2013</b> , 76, 216-27	1
2219	Vector affinity and diversity of <i>Geosmithia</i> fungi living on subcortical insects inhabiting Pinaceae species in central and northeastern Europe. <b>2013</b> , 66, 682-700	30
2218	Multilocus molecular phylogeny of Gasteropelecidae (Ostariophysi: Characiformes) reveals the existence of an unsuspected diversity. <b>2013</b> , 69, 1209-14	10
2217	Left-right dewlap asymmetry and phylogeography of <i>Anolis lineatus</i> on Aruba and Curaçao. <b>2013</b> , 110, 409-426	13
2216	Molecular phylogenetics of Gobioidae and phylogenetic placement of European gobies. <b>2013</b> , 69, 619-33	112
2215	Evolution of cave <i>Axiobolus</i> and <i>Speleobregma</i> (Scalibregmatidae, Annelida). <b>2013</b> , 42, n/a-n/a	12
2214	Resurrection and redescription of the pocket gopher <i>Thomomys sheldoni</i> from the Sierra Madre Occidental of Mexico. <b>2013</b> , 94, 544-560	8
2213	PoPLAR: Portal for Petascale Lifescience Applications and Research. <b>2013</b> , 14 Suppl 9, S3	7
2212	Phylotastic! Making tree-of-life knowledge accessible, reusable and convenient. <b>2013</b> , 14, 158	28
2211	Comparative analysis of complete mitochondrial genome sequences confirms independent origins of plant-parasitic nematodes. <b>2013</b> , 13, 12	48
2210	Freshwater ascomycetes: <i>Minutisphaera</i> (Dothideomycetes) revisited, including one new species from Japan. <b>2013</b> , 105, 959-76	26
2209	Draft genome sequence of chickpea ( <i>Cicer arietinum</i> ) provides a resource for trait improvement. <b>2013</b> , 31, 240-6	781
2208	<i>Savoronala</i> , a new genus of Malmideaceae (Lecanorales) from Madagascar with stipes producing sporodochia. <b>2013</b> , 12, 645-656	15
2207	<i>Strobilomyces echinocephalus</i> sp. nov. (Boletales) from south-western China, and a key to the genus <i>Strobilomyces</i> worldwide. <b>2013</b> , 12, 575-588	14
2206	Anthropogenic extinction threats and future loss of evolutionary history in reef corals. <b>2013</b> , 3, 1184-93	25
2205	Molecular characterization, morphology, and pathogenicity of <i>Alternaria panax</i> from araliaceous plants in Korea. <b>2013</b> , 12, 383-396	15

2204	Birth, death and horizontal transfer of the fumonisin biosynthetic gene cluster during the evolutionary diversification of <i>Fusarium</i> . <b>2013</b> , 90, 290-306	72
2203	Predominant archaea in marine sediments degrade detrital proteins. <b>2013</b> , 496, 215-8	398
2202	Dynamic transmission of West Nile virus across the United States-Mexican border. <b>2013</b> , 436, 75-80	14
2201	Planistromellaceae (Botryosphaerales). <b>2013</b> , 34, 45	13
2200	<i>Thomomys nayarensis</i> , a new species of pocket gopher from the Sierra del Nayar, Nayarit, Mexico. <b>2013</b> , 94, 983-994	6
2199	Psychrophilic and psychrotolerant fungi on bats and the presence of <i>Geomyces</i> spp. on bat wings prior to the arrival of white nose syndrome. <b>2013</b> , 79, 5465-71	31
2198	Corolla morphology influences diversification rates in bifid toadflaxes ( <i>Linaria</i> sect. <i>Versicolores</i> ). <b>2013</b> , 112, 1705-22	33
2197	Families of Dothideomycetes. <b>2013</b> , 63, 1-313	400
2196	Analysis of rotavirus species diversity and evolution including the newly determined full-length genome sequences of rotavirus F and G. <b>2013</b> , 14, 58-67	41
2195	Re-analysis confirms the polyphyly of <i>Lamprotula</i> Simpson, 1900 (Bivalvia: Unionidae). <b>2013</b> , 79, 249-256	22
2194	Comparative phylogeography of the <i>Smilax hispida</i> group (Smilacaceae) in eastern Asia and North America—implications for allopatric speciation, causes of diversity disparity, and origins of temperate elements in Mexico. <b>2013</b> , 68, 300-11	23
2193	<i>Pyrenula sanguinea</i> (lichenized Ascomycota: Pyrenulaceae), a new species with unique, tryptethelioid ascomata and complex pigment chemistry. <b>2013</b> , 116, 350-357	11
2192	Phylogenetic relationships of the Australasian shrubby everlastings <i>Ozothamnus</i> and <i>Cassinia</i> (Asteraceae: Asteroideae: Gnaphalieae). <b>2013</b> , 29, 574-588	12
2191	Molecular characterization and phylogeny of whipworm nematodes inferred from DNA sequences of <i>cox1</i> mtDNA and 18S rDNA. <b>2013</b> , 112, 3933-49	39
2190	A novel clade of unique eukaryotic ribonucleotide reductase R2 subunits is exclusive to apicomplexan parasites. <b>2013</b> , 77, 92-106	4
2189	Diversity and history of the long-chain acyl-CoA synthetase ( <i>Acsl</i> ) gene family in vertebrates. <b>2013</b> , 13, 271	37
2188	Multilocus phylogeny and cryptic diversity in Asian shrew-like moles ( <i>Uropsilus</i> , Talpidae): implications for taxonomy and conservation. <b>2013</b> , 13, 232	18
2187	Cobamide structure depends on both lower ligand availability and CobT substrate specificity. <b>2013</b> , 20, 1265-74	49

2186	A practical guide to molecular dating. <b>2013</b> , 12, 355-367	55
2185	Phylogeny and Morphology of <i>Leptosphaerulina saccharicolasp. nov.</i> and <i>Pleosphaerulina oryzae</i> and Relationships with <i>Pithomyces</i> . <b>2013</b> , 34, 303-319	15
2184	<i>Collema fasciculare</i> belongs in Arctomiaceae. <b>2013</b> , 45, 295-304	23
2183	Molecular systematics and historical biogeography of tree boas ( <i>Corallus</i> spp.). <b>2013</b> , 66, 953-9	27
2182	Molecular systematics and evolution of the <i>Synallaxis ruficapilla</i> complex (Aves: Furnariidae) in the Atlantic Forest. <b>2013</b> , 67, 86-94	23
2181	Taxonomic identity of the endangered Snake River physa, <i>Physa natricina</i> (Pulmonata: Physidae) combining traditional and molecular techniques. <b>2013</b> , 14, 159-169	8
2180	Fixed, free, and fixed: the fickle phylogeny of extant Crinoidea (Echinodermata) and their Permian-Triassic origin. <b>2013</b> , 66, 161-81	75
2179	<i>Meredithblackwellia eburnea</i> gen. et sp. nov., Kriegeriaceae fam. nov. and Kriegeriales ord. nov.—toward resolving higher-level classification in Microbotryomycetes. <b>2013</b> , 105, 486-95	34
2178	Effects of changing climate on species diversification in tropical forest butterflies of the genus <i>Cymothoe</i> (Lepidoptera: Nymphalidae). <b>2013</b> , 108, 546-564	15
2177	A functional isopenicillin N synthase in an animal genome. <b>2013</b> , 30, 541-8	27
2176	Plastid genomes and deep relationships among the commelinid monocot angiosperms. <b>2013</b> , 29, 65-87	86
2175	<i>Mazaedium</i> evolution in the Ascomycota (Fungi) and the classification of mazaediate groups of formerly unclear relationship. <b>2013</b> , 29, 296-308	53
2174	Ribosomal RNA gene diversity, effective population size, and evolutionary longevity in asexual glomeromycota. <b>2013</b> , 67, 207-24	21
2173	Molecular phylogeny of North American Branchiobdellida (Annelida: Clitellata). <b>2013</b> , 66, 30-42	23
2172	Application of the phylogenetic informativeness method to chloroplast markers: a test case of closely related species in tribe Hydrangeeae (Hydrangeaceae). <b>2013</b> , 66, 233-42	22
2171	Molecular evolution of lineage 2 West Nile virus. <b>2013</b> , 94, 318-325	50
2170	The placental mammal ancestor and the post-K-Pg radiation of placentals. <b>2013</b> , 339, 662-7	806
2169	Chasing the Patagonian sun: comparative thermal biology of <i>Liolaemus</i> lizards. <b>2013</b> , 171, 773-88	42



2168	Lindgomyces angustiascus, (Lindgomycetaceae, Pleosporales, Dothideomycetes), a new lignicolous species from freshwater habitats in the USA. <b>2013</b> , 54, 353-361	24
2167	Molecular phylogenetics of New Caledonian Diospyros (Ebenaceae) using plastid and nuclear markers. <b>2013</b> , 69, 740-63	27
2166	Phylogenetic relationships and distribution of New World Melastomeae (Melastomataceae). <b>2013</b> , 171, 38-60	76
2165	Investigating the evolution of Lantaneae (Verbenaceae) using multiple loci. <b>2013</b> , 171, 103-119	17
2164	Molecules, morphology and minute hooded beetles: a phylogenetic study with implications for the evolution and classification of Corylophidae (Coleoptera: Cucujoidea). <b>2013</b> , 38, 209-232	17
2163	An AM-induced, MYB-family gene of Lotus japonicus (LjMAMI) affects root growth in an AM-independent manner. <b>2013</b> , 73, 442-55	37
2162	New nuclear markers and exploration of the relationships among Serraniformes (Acanthomorpha, Teleostei): the importance of working at multiple scales. <b>2013</b> , 67, 140-55	28
2161	A molecular analysis of the Gelechiidae (Lepidoptera, Gelechioidea) with an interpretative grouping of its taxa. <b>2013</b> , 38, 334-348	21
2160	Three new Loxophyllum species (Ciliophora: Pleurostomatida) from China with a brief review of the marine and brackish Loxophyllum species. <b>2013</b> , 60, 44-56	19
2159	Phylogeny and biogeography of rainbowfishes (Melanotaeniidae) from Australia and New Guinea. <b>2013</b> , 67, 15-27	64
2158	The complex colonization history of nocturnal geckos (Paroedura) in the Comoros Archipelago. <b>2013</b> , 42, 135-150	13
2157	Intra-specific variation of Kudoa spp. (Myxosporea: Multivalvulida) from apogonid fishes (Perciformes), including the description of two new species, K. cheilodipteri n. sp. and K. cookii n. sp., from Australian waters. <b>2013</b> , 84, 193-215	34
2156	Aciidiella bohemica gen. et sp. nov. and Acidomyces spp. (Teratosphaeriaceae), the indigenous inhabitants of extremely acidic soils in Europe. <b>2013</b> , 58, 33-45	36
2155	European Species of Hebeloma Section Theobromina. <b>2013</b> , 58, 103-126	15
2154	A molecular phylogeny of the vataireoid legumes underscores floral evolvability that is general to many early-branching papilionoid lineages. <b>2013</b> , 100, 403-21	29
2153	Connections between the Atlantic and the Amazonian forest avifaunas represent distinct historical events. <b>2013</b> , 154, 41-50	148
2152	Intricate patterns of phylogenetic relationships in the olive family as inferred from multi-locus plastid and nuclear DNA sequence analyses: a close-up on Chionanthus and Noronhia (Oleaceae). <b>2013</b> , 67, 367-78	26
2151	What determines Alnus-associated ectomycorrhizal community diversity and specificity? A comparison of host and habitat effects at a regional scale. <b>2013</b> , 198, 1228-1238	69

2150	Beyond phylogeny: pelecaniform and ciconiiform birds, and long-term niche stability. <b>2013</b> , 68, 229-38	39
2149	Phylogenetic analysis of the angiosperm-floricolous insect-yeast association: have yeast and angiosperm lineages co-diversified?. <b>2013</b> , 68, 161-75	47
2148	Integrative taxonomy and conservation of cryptic beetles in the Mediterranean region (Hydrophilidae). <b>2013</b> , 42, 182-200	28
2147	Diversification and reticulation in the circumboreal fern genus <i>Cryptogramma</i> . <b>2013</b> , 67, 589-99	16
2146	Composition and interrelationships of a large Neotropical freshwater fish group, the subfamily Cheirodontinae (Characiformes: Characidae): a case study based on mitochondrial and nuclear DNA sequences. <b>2013</b> , 68, 23-34	17
2145	Systematics of Pipizini and taxonomy of European <i>Pipiza</i> Fallén: molecular and morphological evidence (Diptera, Syrphidae). <b>2013</b> , 42, 288-305	17
2144	Cryptic patterns of diversification of a widespread Amazonian woodcreeper species complex (Aves: Dendrocolaptidae) inferred from multilocus phylogenetic analysis: implications for historical biogeography and taxonomy. <b>2013</b> , 68, 410-24	46
2143	Journey from the West: did tropical Graphidaceae (lichenized Ascomycota: Ostropales) evolve from a saxicolous ancestor along the American Pacific coast?. <b>2013</b> , 100, 844-56	27
2142	Four new species of <i>Verrucaria</i> (Verrucariaceae, lichenized Ascomycota) from freshwater habitats in Europe. <b>2013</b> , 45, 305-322	13
2141	High diversity and widespread occurrence of mitotic spore mats in ectomycorrhizal Pezizales. <b>2013</b> , 22, 1717-32	48
2140	Multigene-based analyses on evolutionary phylogeny of two controversial ciliate orders: Pleuronematida and Loxocephalida (Protista, Ciliophora, Oligohymenophorea). <b>2013</b> , 68, 55-63	56
2139	Evolutionary history of alpine and subalpine <i>Daphnia</i> in western North America. <b>2013</b> , 58, 1512-1522	12
2138	Phylogeny and Classification of Automolus Foliage-gleaners and Allies (Furnariidae). <b>2013</b> , 115, 375-385	9
2137	Molecular phylogeny of <i>Moenkhausia</i> (Characidae) inferred from mitochondrial and nuclear DNA evidence. <b>2013</b> , 51, 327-332	14
2136	Multilocus phylogeny of the avian family Alaudidae (larks) reveals complex morphological evolution, non-monophyletic genera and hidden species diversity. <b>2013</b> , 69, 1043-56	42
2135	Dating the diversification of the major lineages of Ascomycota (Fungi). <b>2013</b> , 8, e65576	130
2134	Influence of oxic/anoxic fluctuations on ammonia oxidizers and nitrification potential in a wet tropical soil. <b>2013</b> , 85, 179-94	45
2133	Cardinal characters on a slippery slope--a re-evaluation of phylogeny, character evolution, and evolutionary rates in the jelly lichens (Collematataceae s. str.). <b>2013</b> , 68, 185-98	36

2132	Phylogeny as a proxy for ecology in seagrass amphipods: which traits are most conserved?. <b>2013</b> , 8, e57550	32
2131	Elongation factor-1 $\beta$ a putative single-copy nuclear gene, has divergent sets of paralogs in an arachnid. <b>2013</b> , 68, 471-81	11
2130	A phylogenetic analysis of Sciomyzidae (Diptera) and some related genera. <b>2013</b> , 29, 404-415	5
2129	Phylogeny and assemblage composition of Frankia in <i>Alnus tenuifolia</i> nodules across a primary successional sere in interior Alaska. <b>2013</b> , 22, 3864-77	7
2128	Phylogenetic relationships within the lizard clade Xantusiidae: using trees and divergence times to address evolutionary questions at multiple levels. <b>2013</b> , 69, 109-22	19
2127	Description and molecular characterization of <i>Plasmodium</i> ( <i>Novyella</i> ) <i>unalis</i> sp. nov. from the Great Thrush ( <i>Turdus fuscater</i> ) in highland of Colombia. <b>2013</b> , 112, 4193-204	29
2126	The genus <i>Meira</i> : phylogenetic placement and description of a new species. <b>2013</b> , 103, 1097-106	21
2125	Diversification and dispersal of the Hawaiian <i>Drosophilidae</i> : the evolution of <i>Scaptomyza</i> . <b>2013</b> , 69, 95-108	34
2124	Composite bacterial hopanoids and their microbial producers across oxygen gradients in the water column of the California Current. <b>2013</b> , 79, 7491-501	22
2123	<i>Sargassum</i> (Fucales, Phaeophyceae) in Mauritius and Réunion, western Indian Ocean: taxonomic revision and biogeography using hydrodynamic dispersal models. <b>2013</b> , 52, 578-594	21
2122	Genesis and regulatory wiring of retroelement-derived domesticated genes: a phylogenomic perspective. <b>2013</b> , 30, 1015-31	25
2121	Two new species of <i>Roccellaceae</i> (Ascomycota: Arthoniales) from Brazil, with the description of the new genus <i>Sergipea</i> . <b>2013</b> , 45, 627-634	17
2120	A reappraisal of <i>Masonhalea</i> (Parmeliaceae, Lecanorales) based on molecular and morphological data. <b>2013</b> , 45, 729-738	3
2119	Non-congruent colonizations and diversification in a coevolving pollination mutualism on oceanic islands. <b>2013</b> , 280, 20130361	41
2118	Data report: microbial diversity in sediment near Grizzly Bare Seamount in Holes U1363B and U1363G. <b>2013</b> ,	1
2117	The genetic architecture of degenerin/epithelial sodium channels in <i>Drosophila</i> . <b>2013</b> , 3, 441-50	61
2116	Horizontal transfer of DNA from the mitochondrial to the plastid genome and its subsequent evolution in milkweeds (apocynaceae). <b>2013</b> , 5, 1872-85	79
2115	Embedding CIPRES science gateway capabilities in phylogenetics software environments. <b>2013</b> ,	1

2114	Distinction between the Cfr methyltransferase conferring antibiotic resistance and the housekeeping RlmN methyltransferase. <b>2013</b> , 57, 4019-26	26
2113	Diversity and diversification of Eumolpinae (Coleoptera: Chrysomelidae) in New Caledonia. <b>2013</b> , 168, 473-495	19
2112	Taxonomy and phylogenetics of <i>Cuviera</i> (Rubiaceae-Vanguerieae) and reinstatement of <i>Globulostylis</i> with the description of three new species. <b>2013</b> , 173, 407-441	5
2111	Population dynamics of cocirculating swine influenza A viruses in the United States from 2009 to 2012. <b>2013</b> , 7 Suppl 4, 42-51	90
2110	Divergence and species discrimination in freshwater bryozoans (Bryozoa: Phylactolaemata). <b>2013</b> , 168, 61-80	6
2109	Authoring a Science Gateway Cookbook. <b>2013</b> ,	1
2108	Timing and consequences of recurrent polyploidy in meadow-rues ( <i>thalictrum</i> , ranunculaceae). <b>2013</b> , 30, 1940-54	31
2107	Linkage, mobility, and selfishness in the MazF family of bacterial toxins: a snapshot of bacterial evolution. <b>2013</b> , 5, 2268-84	12
2106	A mutation in the FHA domain of <i>Coprinus cinereus</i> Nbs1 Leads to Spo11-independent meiotic recombination and chromosome segregation. <b>2013</b> , 3, 1927-43	12
2105	Continued evolution of West Nile virus, Houston, Texas, USA, 2002-2012. <b>2013</b> , 19, 1418-27	32
2104	Phylogeny of the Archiborborinae (Diptera: Sphaeroceridae) based on combined morphological and molecular analysis. <b>2013</b> , 8, e51190	5
2103	Habitat and host indicate lineage identity in <i>Colletotrichum gloeosporioides</i> s.l. from wild and agricultural landscapes in North America. <b>2013</b> , 8, e62394	57
2102	Molecular phylogeny and biogeography of the Hawaiian craneflies <i>Dicranomyia</i> (Diptera: Limoniidae). <b>2013</b> , 8, e73019	9
2101	Endohyphal bacterium enhances production of indole-3-acetic acid by a foliar fungal endophyte. <b>2013</b> , 8, e73132	93
2100	Assessment and reconstruction of novel HSP90 genes: duplications, gains and losses in fungal and animal lineages. <b>2013</b> , 8, e73217	3
2099	Reliable DNA barcoding performance proved for species and island populations of comoran squamate reptiles. <b>2013</b> , 8, e73368	25
2098	Turnerbactin, a novel triscatecholate siderophore from the shipworm endosymbiont <i>Teredinibacter turnerae</i> T7901. <b>2013</b> , 8, e76151	40
2097	Phylogenetic position and subspecies divergence of the endangered New Zealand Dotterel ( <i>Charadrius obscurus</i> ). <b>2013</b> , 8, e78068	14

2096	An ephemeral sexual population of <i>Phytophthora infestans</i> in the Northeastern United States and Canada. <b>2014</b> , 9, e116354	31
2095	Network analysis reveals ecological links between N-fixing bacteria and wood-decaying fungi. <b>2014</b> , 9, e88141	82
2094	Comparison of the white-nose syndrome agent <i>Pseudogymnoascus destructans</i> to cave-dwelling relatives suggests reduced saprotrophic enzyme activity. <b>2014</b> , 9, e86437	35
2093	The personal human oral microbiome obscures the effects of treatment on periodontal disease. <b>2014</b> , 9, e86708	66
2092	Quantitative proteomics study of larval settlement in the Barnacle <i>Balanus amphitrite</i> . <b>2014</b> , 9, e88744	24
2091	Description and phylogeny of <i>Tetrakeronopsis silvanetoi</i> gen. nov., sp. nov. (Hypotricha, Pseudokeronopsidae), a new benthic marine ciliate from Brazil. <b>2014</b> , 9, e88954	11
2090	Phylogeography of the tropical planktonic foraminifera lineage <i>globigerinella</i> reveals isolation inconsistent with passive dispersal by ocean currents. <b>2014</b> , 9, e92148	35
2089	Global diversification at the harsh sea-land interface: mitochondrial phylogeny of the supralittoral isopod genus <i>Tylos</i> (Tyliidae, Oniscidea). <b>2014</b> , 9, e94081	12
2088	Comparative mitogenomics of plant bugs (Hemiptera: Miridae): identifying the AGG codon reassignments between serine and lysine. <b>2014</b> , 9, e101375	19
2087	Population genetics of the Sß Tomŕtaecilian (Gymnophiona: Dermophiidae: <i>Schistometopum thomense</i> ) reveals strong geographic structuring. <b>2014</b> , 9, e104628	11
2086	Dealing with discordant genetic signal caused by hybridisation, incomplete lineage sorting and paucity of primary nucleotide homologies: a case study of closely related members of the genus <i>Picris</i> subsection <i>Hieracioides</i> (Compositae). <b>2014</b> , 9, e104929	9
2085	Genome-wide prediction of the polymorphic <i>Ser</i> gene family in <i>Tetrahymena thermophila</i> based on motif analysis. <b>2014</b> , 9, e105201	
2084	Eocene diversification of crown group rails (Aves: Gruiformes: Rallidae). <b>2014</b> , 9, e109635	21
2083	Phylogenetics of the antopocerus-modified tarsus clade of Hawaiian <i>Drosophila</i> : diversification across the Hawaiian Islands. <b>2014</b> , 9, e113227	11
2082	Spiders on a Hot Volcanic Roof: Colonisation Pathways and Phylogeography of the Canary Islands Endemic Trap-Door Spider <i>Titanidiops canariensis</i> (Araneae, Idiopidae). <b>2014</b> , 9, e115078	33
2081	A comparative analysis of genetic differentiation across six shared willow host species in leaf- and bud-galling sawflies. <b>2014</b> , 9, e116286	10
2080	SR-IOV. <b>2014</b> ,	10
2079	Big, Bad, and Beautiful: Phylogenetic Relationships of the Horned Frogs (Anura: Ceratophryidae). <b>2014</b> , 9, 207	36

2078	Heligmosomoides neopolygyrus Asakawa & Ohbayashi, 1986, a cryptic Asian nematode infecting the striped field mouse Apodemus agrarius in Central Europe. <b>2014</b> , 7, 457	7
2077	The organization and evolution of the Responder satellite in species of the Drosophila melanogaster group: dynamic evolution of a target of meiotic drive. <b>2014</b> , 14, 233	39
2076	From monoculture to the Norfolk system: assessment of arbuscular mycorrhizal fungi communities associated with different crop rotation systems. <b>2014</b> , 64, 115-125	4
2075	Gene duplication, lineage-specific expansion, and subfunctionalization in the MADF-BESS family patterns the Drosophila wing hinge. <b>2014</b> , 196, 481-96	13
2074	Systematics of the Neotropical genus Catharylla Zeller (Lepidoptera, Pyralidae s. l., Crambinae). <b>2014</b> , 15-73	2
2073	Ball python nidovirus: a candidate etiologic agent for severe respiratory disease in Python regius. <b>2014</b> , 5, e01484-14	60
2072	Inferring population connectivity across the range of distribution of the stiletto shrimp Artemesialonginaris Spence Bate, 1888 (Decapoda, Penaeidae) from DNA barcoding: implications for fishery management. <b>2014</b> , 271-88	17
2071	The role of viral introductions in sustaining community-based HIV epidemics in rural Uganda: evidence from spatial clustering, phylogenetics, and egocentric transmission models. <b>2014</b> , 11, e1001610	91
2070	Bayesian phylogeny of sucrose transporters: ancient origins, differential expansion and convergent evolution in monocots and dicots. <b>2014</b> , 5, 615	34
2069	A new species of Chiasmocleis (Microhylidae, Gastrophryinae) from the Atlantic Forest of Espírito Santo State, Brazil. <b>2014</b> , 109-32	5
2068	Hidden population structure and cross-species transmission of whipworms (Trichuris sp.) in humans and non-human primates in Uganda. <b>2014</b> , 8, e3256	56
2067	A cybertaxonomic revision of the micro-landsnail genus Plectostoma Adam (Mollusca, Caenogastropoda, Diplommatinidae), from Peninsular Malaysia, Sumatra and Indochina. <b>2014</b> , 1-107	21
2066	Using multi-locus allelic sequence data to estimate genetic divergence among four Lilium (Liliaceae) cultivars. <b>2014</b> , 5, 567	7
2065	Insect prophenoloxidase: the view beyond immunity. <b>2014</b> , 5, 252	166
2064	Microbial diversity in a Venezuelan orthoquartzite cave is dominated by the Chloroflexi (Class Ktedonobacterales) and Thaumarchaeota Group I.1c. <b>2014</b> , 5, 615	45
2063	Molecular evolution of peste des petits ruminants virus. <b>2014</b> , 20, 2023-33	62
2062	The Arthonialean challenge: Restructuring Arthoniaceae. <b>2014</b> , 63, 727-744	56
2061	Haplotype-habitat associations of Coptotermes gestroi (Termitoidae: Rhinotermitidae) from mitochondrial DNA genes. <b>2014</b> , 43, 1105-16	1

2060	Novel poxvirus infection in northern and southern sea otters ( <i>Enhydra lutris kenyoni</i> and <i>Enhydra lutris neiris</i> ), Alaska and California, USA. <b>2014</b> , 50, 607-15	11
2059	Ancient diversification of <i>Hyposmocoma</i> moths in Hawaii. <b>2014</b> , 5, 3502	32
2058	Systematics of the obligate ant-following clade of antbirds (Aves: Passeriformes: <i>Thamnophilidae</i> ). <b>2014</b> , 126, 635-648	5
2057	Genetic structure and hybridization in the species group of <i>Ficus auriculata</i> : can closely related sympatric <i>Ficus</i> species retain their genetic identity while sharing pollinators?. <b>2014</b> , 23, 3538-50	17
2056	Commensal microbiota stimulate systemic neutrophil migration through induction of serum amyloid A. <b>2014</b> , 16, 1053-67	71
2055	Secreted proteomes of different developmental stages of the gastrointestinal nematode <i>Nippostrongylus brasiliensis</i> . <b>2014</b> , 13, 2736-51	63
2054	Comparative analysis of mitochondrial genomes in <i>Diplura</i> (hexapoda, arthropoda): taxon sampling is crucial for phylogenetic inferences. <b>2014</b> , 6, 105-20	9
2053	Phylogenetics and morphological evolution of coral-dwelling barnacles ( <i>Balanomorpha</i> : <i>Pyrgomatidae</i> ). <b>2014</b> , 113, 162-179	17
2052	Evolutionary relationships among American mud crabs ( <i>Crustacea</i> : <i>Decapoda</i> : <i>Brachyura</i> : <i>Xanthoidea</i> ) inferred from nuclear and mitochondrial markers, with comments on adult morphology. <b>2014</b> , 170, 86-109	15
2051	Australian parasitic <i>Ogyris</i> butterflies: east-west divergence of highly-specialized relicts. <b>2014</b> , 111, 473-484	5
2050	Sexual species are separated by larger genetic gaps than asexual species in rotifers. <b>2014</b> , 68, 2901-16	29
2049	A taxonomic revision of the South American papilionoid genus <i>Luetzelburgia</i> ( <i>Fabaceae</i> ). <b>2014</b> , 175, 328-375	8
2048	Phylogeny of the poorly known ciliates, <i>microthoracida</i> , a systematically confused taxon ( <i>ciliophora</i> ), with morphological reports of three species. <b>2014</b> , 61, 227-37	7
2047	Species limits and diversification in the Madagascar olive ( <i>Noronhia</i> , <i>Oleaceae</i> ). <b>2014</b> , 174, 141-161	15
2046	Molecular phylogeny of the fungus gnat family <i>Diadocidiidae</i> and its position within the infraorder <i>Bibionomorpha</i> ( <i>Diptera</i> ). <b>2014</b> , 43, 370-378	7
2045	Two-role model of an interaction network of free-living $\beta$ proteobacteria from an oligotrophic environment. <b>2014</b> , 16, 1366-77	20
2044	Three new <i>Laccaria</i> species from Southwest China (Yunnan). <b>2014</b> , 13, 1105	15
2043	<i>Scutellospora savannicola</i> : redescription, epitypification, DNA barcoding and transfer to <i>Dentiscutata</i> . <b>2014</b> , 13, 1165	6

2042	siMBA simple graphical user interface for the Bayesian phylogenetic inference program MrBayes. <b>2014</b> , 13, 1255	19
2041	Dothideales. <b>2014</b> , 68, 105-158	37
2040	Tubeufiales, ord. nov., integrating sexual and asexual generic names. <b>2014</b> , 68, 239-298	69
2039	Toward an inordinate fondness for stars, beetles and Lobophora? Species diversity of the genus Lobophora (Dictyotales, Phaeophyceae) in New Caledonia. <b>2014</b> , 50, 1101-19	62
2038	Pattern and process in the evolution of the sole dioecious member of Brassicaceae. <b>2014</b> , 5, 42	7
2037	Geographic distribution, phylogeny, and genetic diversity of the fruit- and blood-feeding moth Calyptra thalictri Borkhausen (Insecta: Lepidoptera: Erebidae). <b>2014</b> , 100, 583-91	2
2036	Obligate insect endosymbionts exhibit increased ortholog length variation and loss of large accessory proteins concurrent with genome shrinkage. <b>2014</b> , 6, 763-75	6
2035	Substitutions near the hemagglutinin receptor-binding site determine the antigenic evolution of influenza A H3N2 viruses in U.S. swine. <b>2014</b> , 88, 4752-63	66
2034	Clock model makes a large difference to age estimates of long-stemmed clades with no internal calibration: a test using Australian grasstrees. <b>2014</b> , 14, 263	29
2033	Investigation of a new acetogen isolated from an enrichment of the tammar wallaby forestomach. <b>2014</b> , 14, 314	22
2032	Morphological reports on two species of Dextrotricha (Ciliophora, Scuticociliatia), with a note on the phylogenetic position of the genus. <b>2014</b> , 64, 680-688	8
2031	Populations of uncultivated American cranberry in sphagnum bog communities harbor novel assemblages of Actinobacteria with antifungal properties. <b>2014</b> , 92, 589-595	6
2030	Massive expansion of Ubiquitination-related gene families within the Chlamydiae. <b>2014</b> , 31, 2890-904	26
2029	Species delimitations in the Dicranum acutifolium complex (Dicranaceae, Bryophyta) using molecular markers. <b>2014</b> , 36, 279-290	5
2028	A review of taxonomy and phylogenetic relationships in the genus Costasiella (Heterobranchia: Sacoglossa), with a description of a new species. <b>2014</b> , 80, 562-574	10
2027	Species radiation of carabid beetles (broscini: mecodema) in new zealand. <b>2014</b> , 9, e86185	10
2026	A new species of Plectognathotrema Layman, 1930 (Trematoda: Zoogonidae) from an Australian monacanthid, with a molecular assessment of the phylogenetic position of the genus. <b>2014</b> , 89, 237-46	13
2025	The population genetics of cultivation: domestication of a traditional Chinese medicine, Scrophularia ningpoensis Hemsl. (Scrophulariaceae). <b>2014</b> , 9, e105064	8



2024	Ectopic expression of a loblolly pine class II 4-coumarate:CoA ligase alters soluble phenylpropanoid metabolism but not lignin biosynthesis in <i>Populus</i> . <b>2014</b> , 55, 1669-78	15
2023	Virulence-affecting amino acid changes in the PA protein of H7N9 influenza A viruses. <b>2014</b> , 88, 3127-34	73
2022	The genera of Nematinae (Hymenoptera, Tenthredinidae). <b>2014</b> , 40, 1-69	25
2021	Gastrointestinal cryptosporidiosis in captive psittacine birds in the United States: a case review. <b>2014</b> , 28, 297-303	13
2020	<i>Synechococcus</i> : 3 billion years of global dominance. <b>2014</b> , 23, 5538-51	68
2019	Phylogeny of eriphioid crabs (Brachyura, Eriphioidea) inferred from molecular and morphological studies. <b>2014</b> , 43, 52-64	12
2018	Species delimitation and DNA barcoding of Atlantic Ensis (Bivalvia, Pharidae). <b>2014</b> , 43, 161-171	6
2017	Phylogeny of the Elopomorpha (Teleostei): evidence from six nuclear and mitochondrial markers. <b>2014</b> , 70, 152-61	48
2016	Total-evidence phylogenetic analysis and reclassification of the Phylinae (Insecta: Heteroptera: Miridae), with the recognition of new tribes and subtribes and a redefinition of Phylini. <b>2014</b> , 30, 391-427	19
2015	A multilocus molecular phylogeny of combtooth blennies (Percomorpha: Blennioidei: Blenniidae): multiple invasions of intertidal habitats. <b>2014</b> , 70, 47-56	28
2014	Increased sampling of both genes and taxa improves resolution of phylogenetic relationships within Magnoliidae, a large and early-diverging clade of angiosperms. <b>2014</b> , 70, 84-93	45
2013	Reconciling taxonomy and phylogeny in the bristleworm family Eunicidae (polychaete, Annelida). <b>2014</b> , 43, 79-100	21
2012	Seven-locus molecular phylogeny of Myctophiformes (Teleostei; Scopelomorpha) highlights the utility of the order for studies of deep-sea evolution. <b>2014</b> , 76, 270-92	17
2011	Molecular data resolve a new order of Arthoniomycetes sister to the primarily lichenized Arthoniales and composed of black yeasts, lichenicolous and rock-inhabiting species. <b>2014</b> , 66, 113-137	40
2010	Molecular phylogeny, taxonomy, and distribution of French <i>Unio</i> species (Bivalvia, Unionidae). <b>2014</b> , 735, 95-110	32
2009	In and out of Mesoamerica: temporal divergence of <i>Amazilia</i> hummingbirds pre-dates the orthodox account of the completion of the Isthmus of Panama. <b>2014</b> , 41, 168-181	23
2008	Gain of palps within a lineage of ancestrally burrowing annelids (Scalibregmatidae). <b>2014</b> , 95, 421-429	12
2007	Community differentiation and population enrichment of Sargasso Sea bacterioplankton in the euphotic zone of a mesoscale mode-water eddy. <b>2014</b> , 16, 871-87	40

2006	Cercosporoid hyphomycetes associated with <i>Tibouchina herbacea</i> (Melastomataceae) in Brazil. <b>2014</b> , 13, 691	1
2005	Phylogenomics, molecular evolution, and estimated ages of lineages from the deep phylogeny of Poaceae. <b>2014</b> , 300, 1421-1436	31
2004	Phylogeny, identification and pathogenicity of the Botryosphaeriaceae associated with collar and root rot of the biofuel plant <i>Jatropha curcas</i> in Brazil, with a description of new species of <i>Lasiodiplodia</i> . <b>2014</b> , 67, 231-247	53
2003	The Evolution of Hermaphroditism from Dioecy in Crustaceans: Selfing Hermaphroditism Described in a Fourth Spinicaudatan Genus. <b>2014</b> , 41, 251-261	14
2002	Testing the competition-colonization trade-off with a 32-year study of a saxicolous lichen community. <b>2014</b> , 95, 306-15	6
2001	Structure, diversity and evolution of myriapod hemocyanins. <b>2014</b> , 281, 1818-33	7
2000	Three new genera of fungi from extremely acidic soils. <b>2014</b> , 13, 819	13
1999	Lepidostromatales, a new order of lichenized fungi (Basidiomycota, Agaricomycetes), with two new genera, <i>Ertzia</i> and <i>Sulzbacheromyces</i> , and one new species, <i>Lepidostroma winklerianum</i> . <b>2014</b> , 64, 165-179	30
1998	Evolutionary origins and genetic variation of the Seychelles treefrog, <i>Tachycnemis seychellensis</i> (Duméril and Bibron, 1841) (Amphibia: Anura: Hyperoliidae). <b>2014</b> , 75, 194-201	11
1997	Deconstructing an assemblage of TurtleBarnacles: species assignments and fickle fidelity in <i>Chelonibia</i> . <b>2014</b> , 161, 45-59	26
1996	Phylogenetic insights into New World <i>Cyperus</i> (Cyperaceae) using nuclear ITS sequences. <b>2014</b> , 66, 292-305	11
1995	Multiple ITS haplotypes in the genome of the lichenized basidiomycete <i>Cora inversa</i> (Hygrophoraceae): fact or artifact?. <b>2014</b> , 78, 148-62	28
1994	Genomic characterisation of <i>Felis catus</i> papillomavirus 4, a novel papillomavirus detected in the oral cavity of a domestic cat. <b>2014</b> , 48, 111-9	25
1993	Epitypification of <i>Hebeloma crustuliniforme</i> . <b>2014</b> , 13, 553-562	9
1992	Phylogenetics and diversification of tanagers (Passeriformes: Thraupidae), the largest radiation of Neotropical songbirds. <b>2014</b> , 75, 41-77	111
1991	First molecular phylogeny of the circumtropical bivalve family Pinnidae (Mollusca, Bivalvia): evidence for high levels of cryptic species diversity. <b>2014</b> , 75, 11-23	28
1990	Postglacial northward expansion and genetic differentiation between migratory and sedentary populations of the broad-tailed hummingbird ( <i>Selasphorus platycercus</i> ). <b>2014</b> , 23, 435-52	25
1989	High mountain origin, phylogenetics, evolution, and niche conservatism of arctic lineages in the hemiparasitic genus <i>Pedicularis</i> (Orobanchaceae). <b>2014</b> , 76, 75-92	25

1988	A targeted next-generation sequencing toolkit for exon-based cichlid phylogenomics. <b>2014</b> , 14, 802-11	34
1987	Evidence for two subspecies of Gunnison's prairie dogs ( <i>Cynomys gunnisoni</i> ), and the general importance of the subspecies concept. <b>2014</b> , 174, 1-11	31
1986	Phylogenetic position and floral morphology of the Brazilian endemic, monospecific genus <i>Cotylolabium</i> : a sister group for the remaining <i>Spiranthinae</i> (Orchidaceae). <b>2014</b> , 175, 29-46	8
1985	Molecular phylogenetics and taxonomic revision of <i>Habenaria</i> section <i>Pentadactylae</i> (Orchidaceae, Orchidinae). <b>2014</b> , 175, 47-73	9
1984	A New Two-Pored <i>Amphisbaena</i> Linnaeus, 1758, from Western Amazonia, Brazil ( <i>Amphisbaenia</i> : Reptilia). <b>2014</b> , 9, 62-74	16
1983	A New Species of <i>Siphlophis</i> (Serpentes: Dipsadidae: Xenodontinae) from the Eastern Andean Slopes of Ecuador. <b>2014</b> , 9, 30-45	5
1982	Origin and evolution of B chromosomes in the cichlid fish <i>Astatotilapia latifasciata</i> based on integrated genomic analyses. <b>2014</b> , 31, 2061-72	96
1981	Renewed diversification is associated with new ecological opportunity in the Neotropical turtle ants. <b>2014</b> , 27, 242-58	43
1980	Molecular and morphological phylogeny of <i>Saccocirridae</i> (Annelida) reveals two cosmopolitan clades with specific habitat preferences. <b>2014</b> , 75, 202-18	30
1979	Integration of conflict into integrative taxonomy: fitting hybridization in species delimitation of <i>Mesocarabus</i> (Coleoptera: Carabidae). <b>2014</b> , 23, 4344-61	24
1978	Identification of amino acid changes that may have been critical for the genesis of A(H7N9) influenza viruses. <b>2014</b> , 88, 4877-96	33
1977	<i>Geoglossum</i> simile of North America and Europe: distribution of a widespread earth tongue species and designation of an epitype. <b>2014</b> , 13, 857-866	4
1976	Genomic support for a moa-tinamou clade and adaptive morphological convergence in flightless ratites. <b>2014</b> , 31, 1686-96	60
1975	Discovery and evolution of bunyavirids in arctic phantom midges and ancient bunyavirid-like sequences in insect genomes. <b>2014</b> , 88, 8783-94	69
1974	Systematic analysis of a wasp parasitism arsenal. <b>2014</b> , 23, 890-901	79
1973	Systematics and evolution of gall formation in the plant-associated genera of the wasp subfamily <i>Doryctinae</i> (Hymenoptera: Braconidae). <b>2014</b> , 39, 633-659	24
1972	Life-history evolution and mitogenomic phylogeny of caecilian amphibians. <b>2014</b> , 73, 177-89	75
1971	Cryptic genetic diversity and complex phylogeography of the boreal North American scorpion, <i>Paruroctonus boreus</i> (Vaejovidae). <b>2014</b> , 71, 298-307	9

1970	Molecular delimitations in the Ehretiaceae (Boraginales). <b>2014</b> , 72, 1-6	21
1969	Relatedness of novel species of <i>Myxidium</i> Břschli, 1882, <i>Zschokkella</i> Auerbach, 1910 and <i>Ellipsomyxa</i> Klř, 2003 (Myxosporia: Bivalvulida) from the gall bladders of marine fishes (Teleostei) from Australian waters. <b>2014</b> , 87, 47-72	28
1968	A comprehensive species-level molecular phylogeny of the New World blackbirds (Icteridae). <b>2014</b> , 71, 94-112	29
1967	Delphinid systematics and biogeography with a focus on the current genus <i>Lagenorhynchus</i> : multiple pathways for antitropical and trans-oceanic radiation. <b>2014</b> , 80, 217-30	23
1966	Phylogenomics of the carrot genus ( <i>Daucus</i> , Apiaceae). <b>2014</b> , 101, 1666-85	32
1965	Phosphate absorption across multiple epithelia in the Pacific hagfish ( <i>Eptatretus stoutii</i> ). <b>2014</b> , 307, R643-52	16
1964	Insights into the genus <i>Diaporthe</i> : phylogenetic species delimitation in the <i>D. eres</i> species complex. <b>2014</b> , 67, 203-229	149
1963	Morphology and phylogeny of three karyorelictean ciliates (Protista, Ciliophora), including two novel species, <i>Trachelocerca chinensis</i> sp. n. and <i>Tracheloraphis dragescoi</i> sp. n. <b>2014</b> , 64, 4084-4097	8
1962	The phylogenetic position of Ethiopia's sole endemic and biogeographically enigmatic cordylid lizard, <i>Cordylus rivae</i> (Squamata: Cordylidae), and a discussion of its conservation status. <b>2014</b> , 63, 166-176	4
1961	Identification of nucleotide-level changes impacting gene content and genome evolution in orthopoxviruses. <b>2014</b> , 88, 13651-68	16
1960	Development of novel, exon-primed intron-crossing (EPIC) markers from EST databases and evaluation of their phylogenetic utility in Commiphora (Burseraceae). <b>2014</b> , 2, 1300098	5
1959	Species distinction within <i>Campanula</i> sect. <i>Heterophylla</i> in the SW Alps: Molecular, morphological and chemotaxonomic evidences. <b>2014</b> , 148, 1138-1147	4
1958	Phylogenetic evidence of historic mitochondrial introgression and cryptic diversity in the genus <i>Pseudemoia</i> (Squamata: Scincidae). <b>2014</b> , 81, 86-95	5
1957	Over the sands and far away: interpreting an Iberian mitochondrial lineage with ancient Western African origins. <b>2014</b> , 26, 777-83	4
1956	Bulk de novo mitogenome assembly from pooled total DNA elucidates the phylogeny of weevils (Coleoptera: Curculionoidea). <b>2014</b> , 31, 2223-37	157
1955	Why Africa matters: evolution of Old World <i>Salvia</i> (Lamiaceae) in Africa. <b>2014</b> , 114, 61-83	40
1954	Understanding the formation of Mediterranean-African-Asian disjunctions: evidence for Miocene climate-driven vicariance and recent long-distance dispersal in the Tertiary relict <i>Smilax aspera</i> (Smilacaceae). <b>2014</b> , 204, 243-255	31
1953	Description and Molecular Characterization of Six New Species of <i>Nassarius</i> (Gastropoda, Nassariidae) from the Western Pacific Ocean. <b>2014</b> , 32, 147	3

1952	Molecular phylogeny, systematics and morphological evolution of the acorn barnacles (Thoracica: Sessilia: Balanomorpha). <b>2014</b> , 81, 147-58	31
1951	Pyrosequencing for assessing diversity of eukaryotic microbes: analysis of data on marine planktonic ciliates and comparison with traditional methods. <b>2014</b> , 16, 2752-63	52
1950	Body size variation and caste ratios in geographically distinct populations of the invasive big-headed ant, <i>Pheidole megacephala</i> (Hymenoptera: Formicidae). <b>2014</b> , 113, 423-438	18
1949	Strong spatial structure, Pliocene diversification and cryptic diversity in the Neotropical dry forest spider <i>Sicarius cariri</i> . <b>2014</b> , 23, 5323-36	26
1948	Phylogenetic position of <i>Zygonium ericetorum</i> (zygnematophyceae, charophyta) from a high alpine habitat and ultrastructural characterization of unusual aplanospores. <b>2014</b> , 50, 790-803	15
1947	Phylogenetic position and morphology of lichenized Trentepohliales (Ulvophyceae, Chlorophyta) from selected species of Graphidaceae. <b>2014</b> , 62, 170-186	20
1946	A time-calibrated phylogeny of the butterfly tribe Melitaeini. <b>2014</b> , 79, 69-81	7
1945	Building the Coleoptera tree-of-life for >8000 species: composition of public DNA data and fit with Linnaean classification. <b>2014</b> , 39, 97-110	152
1944	Resolution of deep nodes yields an improved backbone phylogeny and a new basal lineage to study early evolution of Asteraceae. <b>2014</b> , 80, 43-53	72
1943	Rediscovery of the pocket gopher <i>Orthogeomys lanius</i> (Rodentia: Geomyidae) in Veracruz, Mexico. <b>2014</b> , 95, 792-802	2
1942	Searching for the sister to sedges ( <i>Carex</i> ): resolving relationships in the Cariceae-Dulichieae-Scirpeae clade (Cyperaceae). <b>2014</b> , 176, 1-21	21
1941	Phylogeny of suckermouth catfishes (Mochokidae: Chiloglanis) from Kenya: the utility of Growth Hormone introns in species level phylogenies. <b>2014</b> , 79, 415-21	17
1940	Evolution and phylogeography of the <i>Thomomys umbrinus</i> species complex (Rodentia: Geomyidae). <b>2014</b> , 95, 754-771	12
1939	Greensporones: resorcylic acid lactones from an aquatic <i>Halenospora</i> sp. <b>2014</b> , 77, 2088-98	55
1938	Anatomy, histology, and systematic implications of the head ornamentation in the males of four species of <i>Limnonectes</i> (Anura: Dicroglossidae). <b>2014</b> , 172, 117-132	5
1937	Metapopulations in temporary streams - the role of drought-flood cycles in promoting high genetic diversity in a critically endangered freshwater fish and its consequences for the future. <b>2014</b> , 80, 281-96	7
1936	First report of <i>Gilbertella persicaria</i> as the cause of soft rot of fruit of <i>Syzygium cumini</i> . <b>2014</b> , 9, 1	12
1935	The complete mitochondrial genomes of sixteen ardeid birds revealing the evolutionary process of the gene rearrangements. <b>2014</b> , 15, 573	32

1934	Molecular characterization of flaviviruses from field-collected mosquitoes in northwestern Italy, 2011-2012. <b>2014</b> , 7, 395	22
1933	Genome-wide survey and expression analysis of the bHLH-PAS genes in the amphioxus <i>Branchiostoma floridae</i> reveal both conserved and diverged expression patterns between cephalochordates and vertebrates. <b>2014</b> , 5, 20	9
1932	Diversification in Hawaiian long-legged flies (Diptera: Dolichopodidae: Campsicnemus): biogeographic isolation and ecological adaptation. <b>2014</b> , 81, 232-41	12
1931	Deep global evolutionary radiation in birds: diversification and trait evolution in the cosmopolitan bird family Rallidae. <b>2014</b> , 81, 96-108	52
1930	Phylogenies and Chromosome Evolution of <i>Phacelia</i> (Boraginaceae: Hydrophylloideae) Inferred from Nuclear Ribosomal and Chloroplast Sequence Data. <b>2014</b> , 61, 16-47	7
1929	A comprehensive multilocus phylogeny of the Neotropical cotingas (Cotingidae, Aves) with a comparative evolutionary analysis of breeding system and plumage dimorphism and a revised phylogenetic classification. <b>2014</b> , 81, 120-36	26
1928	Evolutionary relationships, species delimitation and biogeography of Eastern Afrotropical horned chameleons (Chamaeleonidae: Trioceros). <b>2014</b> , 80, 125-36	21
1927	The evolution of peafowl and other taxa with ocelli (eyespot): a phylogenomic approach. <b>2014</b> , 281,	37
1926	Genome sequencing provides insight into the reproductive biology, nutritional mode and ploidy of the fern pathogen <i>Mixia osmundae</i> . <b>2014</b> , 202, 554-564	41
1925	Molecular phylogeny and taxonomy of two novel brackish water hypotrich ciliates, with the establishment of a new genus, <i>Antiokeronopsis</i> gen. n. (Ciliophora, Hypotrichia). <b>2014</b> , 61, 449-62	21
1924	Phylogenetic relationships of yellowjackets inferred from nine loci (Hymenoptera: Vespidae, Vespinae, <i>Vespula</i> and <i>Dolichovespula</i> ). <b>2014</b> , 73, 190-201	18
1923	The comprehensive phylogeny of the superfamily Elateroidea (Coleoptera: Elateriformia). <b>2014</b> , 76, 162-71	94
1922	Estimating tempo and mode of Y chromosome turnover: explaining Y chromosome loss with the fragile Y hypothesis. <b>2014</b> , 197, 561-72	29
1921	A gateway for phylogenetic analysis powered by grid computing featuring GARLI 2.0. <b>2014</b> , 63, 812-8	167
1920	Evolutionary dynamics of the mitochondrial genome in the evaniomorpha (hymenoptera) group with an intermediate rate of gene rearrangement. <b>2014</b> , 6, 1862-74	39
1919	<i>Pseudobacciger cheneyae</i> n. sp. (Digenea: Gymnophalloidea) from Weber's chromis ( <i>Chromis weberi</i> Fowler & Bean) (Perciformes: Pomacentridae) at Lizard Island, Great Barrier Reef, Australia. <b>2014</b> , 88, 141-52	22
1918	Monorchiid trematodes of the painted sweetlips, <i>Diagramma labiosum</i> (Perciformes: Haemulidae), from the southern Great Barrier Reef, including a new genus and three new species. <b>2014</b> , 88, 195-211	20
1917	A reappraisal of orders and families within the subclass Chaetothyriomycetidae (Eurotiomycetes, Ascomycota). <b>2014</b> , 13, 1027	49

1916	Species identification of protected carpet pythons suitable for degraded forensic samples. <b>2014</b> , 10, 295-305	2
1915	<i>Isoparactis fionae</i> sp. nov. (Cnidaria: Anthozoa: Actiniaria) from Southern Patagonia with a discussion of the family Isanthidae. <b>2014</b> , 14, 31-42	19
1914	Deceiving colors: recognition of color morphs as separate species in orchid bees is not supported by molecular evidence. <b>2014</b> , 45, 641-652	4
1913	Phylogenetic analyses of cyclidiids (Protista, Ciliophora, Scuticociliatia) based on multiple genes suggest their close relationship with thigmotrichids. <b>2014</b> , 75, 219-26	52
1912	Genetic divergence of the Mesoamerican azure-crowned hummingbird ( <i>Amazilia cyanocephala</i> , Trochilidae) across the Motagua-Polochic-Jocot� fault system. <b>2014</b> , 52, 142-153	14
1911	A single macrolichen constitutes hundreds of unrecognized species. <b>2014</b> , 111, 11091-6	132
1910	Phylogeny and historical biogeography of gnateaters (Passeriformes, Conopophagidae) in the South America forests. <b>2014</b> , 79, 422-32	22
1909	Gelsemiaceae (Gentianales) expanded to include the enigmatic Asian genus <i>Pteleocarpa</i> . <b>2014</b> , 175, 482-496	5
1908	Phylogenetic trait conservation in the partner choice of a group of ectomycorrhizal trees. <b>2014</b> , 23, 4886-98	11
1907	Exploring new dating approaches for parasites: the worldwide Apodanthaceae (Cucurbitales) as an example. <b>2014</b> , 80, 1-10	28
1906	Forensic investigations into a GenBank anomaly: endangered taxa and the importance of voucher specimens in molecular studies. <b>2014</b> , 30, 1300-1309	6
1905	Global phylogeny and biogeography of grammitid ferns (Polypodiaceae). <b>2014</b> , 81, 195-206	50
1904	Flavonolignans from <i>Aspergillus iizukae</i> , a fungal endophyte of milk thistle ( <i>Silybum marianum</i> ). <b>2014</b> , 77, 193-9	66
1903	A taxonomic re-evaluation reveals that <i>Phytophthora cinnamomi</i> and <i>P. cinnamomi</i> var. <i>parvispora</i> are separate species. <b>2014</b> , 44, 1-20	39
1902	The speciation continuum: population structure, gene flow, and maternal ancestry in the <i>Simulium arcticum</i> complex (Diptera: Simuliidae). <b>2014</b> , 78, 43-55	10
1901	Molecular systematics of the deep-sea bamboo corals (Octocorallia: Isididae: Keratoisidinae) from New Zealand with descriptions of two new species of <i>Keratoisis</i> . <b>2014</b> , 74, 15-28	18
1900	Phylogenomic analyses support the bifurcation of ciliates into two major clades that differ in properties of nuclear division. <b>2014</b> , 70, 240-3	27
1899	Mitogenomic data resolve basal relationships among passeriform and passeridan birds. <b>2014</b> , 79, 313-24	23

1898	A Comparative Study of the Reproductive Traits and Floral Morphology of a Genus of Geophytic Cacti. <b>2014</b> , 175, 663-680	7
1897	Phylogenetics, ancestral state reconstruction, and a new infrafamilial classification of the pantropical Ochnaceae (Medusagynaceae, Ochnaceae s.str., Quinaceae) based on five DNA regions. <b>2014</b> , 78, 199-214	29
1896	Dating the origin of the genus Flavivirus in the light of Beringian biogeography. <b>2014</b> , 95, 1969-1982	21
1895	Towards a mitogenomic phylogeny of Lepidoptera. <b>2014</b> , 79, 169-78	146
1894	Incongruence among different mitochondrial regions: a case study using complete mitogenomes. <b>2014</b> , 78, 314-23	60
1893	Rapid chromosomal evolution in a morphologically cryptic radiation. <b>2014</b> , 77, 126-35	14
1892	Nitrososphaera viennensis gen. nov., sp. nov., an aerobic and mesophilic, ammonia-oxidizing archaeon from soil and a member of the archaeal phylum Thaumarchaeota. <b>2014</b> , 64, 2738-2752	174
1891	Towards a phylogeny of the Tenebrionoidea (Coleoptera). <b>2014</b> , 79, 305-12	39
1890	Molecular phylogeny of short-tailed opossums (Didelphidae: Monodelphis): taxonomic implications and tests of evolutionary hypotheses. <b>2014</b> , 79, 199-214	42
1889	Molecular systematics of subtribe Orchidinae and Asian taxa of Habenariinae (Orchideae, Orchidaceae) based on plastid matK, rbcL and nuclear ITS. <b>2014</b> , 77, 41-53	39
1888	A re-evaluation of phylogenetic relationships within reed warblers (Aves: Acrocephalidae) based on eight molecular loci and ISSR profiles. <b>2014</b> , 78, 304-13	4
1887	Molecular systematics of the Simulium jenningsi species group (Diptera: Simuliidae), with three new fast-evolving nuclear genes for phylogenetic inference. <b>2014</b> , 75, 138-48	18
1886	Dynamic evolution of mitochondrial ribosomal proteins in Holozoa. <b>2014</b> , 76, 67-74	8
1885	Molecular phylogeny of the genus Sticta (lichenized Ascomycota: Lobariaceae) in Colombia. <b>2014</b> , 64, 205-231	50
1884	Distribution and diversity of oligotrich and choreotrich ciliates assessed by morphology and DGGE in temperate coastal waters. <b>2014</b> , 71, 211-221	23
1883	Elusive ditrysid phylogeny: an account of combining systematized morphology with molecular data (Lepidoptera). <b>2015</b> , 15, 260	62
1882	Near full-length HIV type 1M genomic sequences from Cameroon : Evidence of early diverging under-sampled lineages in the country. <b>2015</b> , 2015, 254-65	10
1881	Assessing biodiversity and endemism using phylogenetic methods across multiple taxonomic groups. <b>2015</b> , 5, 5177-5192	19



1880	Spatiotemporal dynamics of Puumala hantavirus associated with its rodent host, <i>Myodes glareolus</i> . <b>2015</b> , 8, 545-59	33
1879	Patchiness of deep-sea communities in Papua New Guinea and potential susceptibility to anthropogenic disturbances illustrated by seep organisms. <b>2015</b> , 36, 109-132	5
1878	Molecular phylogeny supports S-chaetae as a key character better than jumping organs and body scales in classification of Entomobryoidea (Collembola). <b>2015</b> , 5, 12471	17
1877	Are microbes fundamentally different than macroorganisms? Convergence and a possible case for neutral phenotypic evolution in testate amoeba (Amoebozoa: Arcellinida). <b>2015</b> , 2, 150414	4
1876	Role of the host restriction factor APOBEC3 on papillomavirus evolution. <b>2015</b> , 1,	34
1875	SoTree: An Automated Phylogeny Assembly Tool for Ecologists from Big Tree. <b>2015</b> ,	0
1874	Early experiences in developing and managing the neuroscience gateway. <b>2015</b> , 27, 473-488	12
1873	The southwestern Carpathians as an ancient centre of diversity of freshwater gammarid amphipods: insights from the <i>Gammarus fossarum</i> species complex. <b>2015</b> , 24, 3980-92	43
1872	Reassessment of rust fungi on weeping willows in the Americas and description of <i>Melampsora ferrinii</i> sp. nov.. <b>2015</b> , 64, 216-224	7
1871	Molecular data extend Australian <i>Cricotopus</i> midge (Chironomidae) species diversity, and provide a phylogenetic hypothesis for biogeography and freshwater monitoring. <b>2015</b> , 175, 496-509	8
1870	A case study to estimate the applicability of secondary structures of SSU-rRNA gene in taxonomy and phylogenetic analyses of ciliates. <b>2015</b> , 44, 574-585	17
1869	Alternative translation initiation codons for the plastid maturase MatK: unraveling the pseudogene misconception in the Orchidaceae. <b>2015</b> , 15, 210	12
1868	<i>Poaceascoma helicoides</i> gen et sp. nov., a New Genus with Scolecospores in Lentitheciaceae. <b>2015</b> , 36, 225-236	20
1867	A tale of North and South America: time and mode of dispersal of the amphitropical genus <i>Munroa</i> (Poaceae, Chloridoideae). <b>2015</b> , 179, 110-125	8
1866	Molecular systematics of gerbils and deomyines (Rodentia: Gerbillinae, Deomyinae) and a test of desert adaptation in the tympanic bulla. <b>2015</b> , 53, 312-330	41
1865	Phylogenetic relationships of the ubiquitous coral reef crab subfamily Chlorodiellinae (Decapoda, Brachyura, Xanthidae). <b>2015</b> , 44, 165-178	6
1864	Sterol Composition and Biosynthetic Genes of <i>Vitrella brassicaformis</i> , a Recently Discovered Chromerid: Comparison to <i>Chromera velia</i> and Phylogenetic Relationship with Apicomplexan Parasites. <b>2015</b> , 62, 786-98	1
1863	Delimiting species in the <i>Phacus longicauda</i> complex (Euglenida) through morphological and molecular analyses. <b>2015</b> , 51, 1147-57	16

1862	A new species of the Pantepui endemic genus <i>Riolama</i> (Squamata: Gymnophthalmidae) from the summit of Murisipitupui, with the erection of a new gymnophthalmid subfamily. <b>2015</b> , 174, 500-518	14
1861	Chasing ghosts: the phylogeny of Amaurobioidinae ghost spiders (Araneae, Anyphaenidae). <b>2015</b> , 44, 550-561	8
1860	Sky island diversification meets the multispecies coalescent - divergence in the spruce-fir moss spider ( <i>Microhexura montivaga</i> , Araneae, Mygalomorphae) on the highest peaks of southern Appalachia. <b>2015</b> , 24, 3467-84	57
1859	Correlation between shell phenotype and local environment suggests a role for natural selection in the evolution of <i>Placostylus</i> snails. <b>2015</b> , 24, 4205-21	28
1858	The complete mitochondrial genome of the endemic and highly specialized South African bee species <i>Rediviva intermixta</i> (Hymenoptera: Melittidae), with a comparison with other bee mitogenomes. <b>2015</b> , 116, 940-953	7
1857	Resolving the unresolved tribe: a molecular phylogenetic framework for the Merremieae (Convolvulaceae). <b>2015</b> , 179, 374-387	13
1856	Biogeography and evolution of Central American cloud forest salamanders (Caudata: Plethodontidae: <i>Cryptotriton</i> ), with the description of a new species. <b>2015</b> , 175, 150-166	13
1855	Phylogenetic position and composition of Zygiellinae and <i>Caerostris</i> , with new insight into orb-web evolution and gigantism. <b>2015</b> , 175, 225-243	26
1854	Recipes 2.0: building for today and tomorrow. <b>2015</b> , 27, 258-270	8
1853	A macro-ecological perspective on crassulacean acid metabolism (CAM) photosynthesis evolution in Afro-Madagascan drylands: <i>Eulophiinae</i> orchids as a case study. <b>2015</b> , 208, 469-81	21
1852	Reticulate evolution and sea-level fluctuations together drove species diversification of slipper orchids ( <i>Paphiopedilum</i> ) in South-East Asia. <b>2015</b> , 24, 2838-55	27
1851	Diversification and biogeographical history of Neotropical plethodontid salamanders. <b>2015</b> , 175, 167-188	26
1850	Variation in species diversity and functional traits of sponge communities near human populations in Bocas del Toro, Panama. <b>2015</b> , 3, e1385	12
1849	Continental scale patterns and predictors of fern richness and phylogenetic diversity. <b>2015</b> , 6, 132	19
1848	Multiple adaptations to polar and alpine environments within cyanobacteria: a phylogenomic and Bayesian approach. <b>2015</b> , 6, 1070	48
1847	Comparative mitogenomics of the assassin bug genus <i>Peirates</i> (Hemiptera: Reduviidae: Peiratinae) reveal conserved mitochondrial genome organization of <i>P. atromaculatus</i> , <i>P. fulvescens</i> and <i>P. turpis</i> . <b>2015</b> , 10, e0117862	6
1846	A global phylogeny of leafmining <i>Ectoedemia</i> moths (Lepidoptera: Nepticulidae): exploring host plant family shifts and allopatry as drivers of speciation. <b>2015</b> , 10, e0119586	18
1845	Coalescent-based species delimitation approach uncovers high cryptic diversity in the cosmopolitan lichen-forming fungal genus <i>Protoparmelia</i> (Lecanorales, Ascomycota). <b>2015</b> , 10, e0124625	49

1844	The first outbreak of eastern equine encephalitis in Vermont: outbreak description and phylogenetic relationships of the virus isolate. <b>2015</b> , 10, e0128712	13
1843	Ecological Specialization of Two Photobiont-Specific Maritime Cyanolichen Species of the Genus <i>Lichina</i> . <b>2015</b> , 10, e0132718	25
1842	"PP2C7s", Genes Most Highly Elaborated in Photosynthetic Organisms, Reveal the Bacterial Origin and Stepwise Evolution of PPM/PP2C Protein Phosphatases. <b>2015</b> , 10, e0132863	9
1841	Inaccessible Biodiversity on Limestone Cliffs: <i>Aster tianmenshanensis</i> (Asteraceae), a New Critically Endangered Species from China. <b>2015</b> , 10, e0134895	3
1840	Dynein Heavy Chain, Encoded by Two Genes in Agaricomycetes, Is Required for Nuclear Migration in <i>Schizophyllum commune</i> . <b>2015</b> , 10, e0135616	8
1839	Seven New Complete Plastome Sequences Reveal Rampant Independent Loss of the <i>ndh</i> Gene Family across Orchids and Associated Instability of the Inverted Repeat/Small Single-Copy Region Boundaries. <b>2015</b> , 10, e0142215	66
1838	Insights from Integrative Systematics Reveal Cryptic Diversity in <i>Pristimantis</i> Frogs (Anura: Craugastoridae) from the Upper Amazon Basin. <b>2015</b> , 10, e0143392	31
1837	Bring the NLACE model online using XSEDE and HUBzero. <b>2015</b> ,	
1836	Evolution of Feeding Structures in the Marine Nematode Order Enoplida. <b>2015</b> , 55, 228-40	11
1835	Unexpected ancient paralogs and an evolutionary model for the COPII coat complex. <b>2015</b> , 7, 1098-109	25
1834	Origin and evolution of fleshy fruit in woody bamboos. <b>2015</b> , 91, 123-34	11
1833	Strong biogeographic signal in the phylogenetic relationships of <i>Rocheportia</i> Sw. (Ehretiaceae, Boraginales). <b>2015</b> , 301, 1509-1516	10
1832	Developmental trade-offs in Southern Ocean mollusc kleptoparasitic species. <b>2015</b> , 761, 121-141	6
1831	Hidden diversity in the morphologically variable script lichen ( <i>Graphis scripta</i> ) complex (Ascomycota, Ostropales, Graphidaceae). <b>2015</b> , 15, 447-458	26
1830	Laccase-like enzyme activities from chlorophycean green algae with potential for bioconversion of phenolic pollutants. <b>2015</b> , 362,	26
1829	Resolving relationships within the palm subfamily Arecoideae (Arecaceae) using plastid sequences derived from next-generation sequencing. <b>2015</b> , 102, 888-99	23
1828	Molecular phylogenetics of <i>Micromeria</i> (Lamiaceae) in the Canary Islands, diversification and inter-island colonization patterns inferred from nuclear genes. <b>2015</b> , 89, 160-70	21
1827	Phylogenetic analysis in <i>Myrcia</i> section <i>Aulomyrcia</i> and inferences on plant diversity in the Atlantic rainforest. <b>2015</b> , 115, 747-61	35

1826	Cyphophthalmus solentiensissp. nov. (Cyphophthalmi, Sironidae), a New Endogean Mite Harvestman Species from Croatia, with an Application of Confocal Laser Microscopy to Illustrate Genitalia in Opiliones. <b>2015</b> , 543, 1-15	3
1825	6 Pezizomycotina: Dothideomycetes and Arthoniomycetes. <b>2015</b> , 143-176	3
1824	Reconsideration of the 'well-known' hypotrichous ciliate Pleurotricha curdsi (Shi et al., 2002) Gupta et al., 2003 (Ciliophora, Sporadotrichida), with notes on its morphology, morphogenesis and molecular phylogeny. <b>2015</b> , 65, 3216-3225	8
1823	Preferential host switching and its relation with Hantavirus diversification in South America. <b>2015</b> , 96, 2531-2542	4
1822	Entangled evolutionary history of Cuscuta pentagona clade: A story involving hybridization and Darwin in the Galapagos. <b>2015</b> , 64, 1225-1242	20
1821	Ophidiomyces ophiodiicola dermatitis in eight free-ranging timber rattlesnakes (Crotalus horridus) from Massachusetts. <b>2015</b> , 46, 86-94	39
1820	Understanding diploid diversity: A first step in unraveling polyploid, apomictic complexity in Amelanchier. <b>2015</b> , 102, 2041-57	10
1819	Comparison of the Venom Peptides and Their Expression in Closely Related Conus Species: Insights into Adaptive Post-speciation Evolution of Conus Exogenomes. <b>2015</b> , 7, 1797-814	33
1818	Spectral shifts of mammalian ultraviolet-sensitive pigments (short wavelength-sensitive opsin 1) are associated with eye length and photic niche evolution. <b>2015</b> , 282,	43
1817	The first species of Spiniphiline Gosliner, 1988 (Gastropoda: Cephalaspidea) in the Atlantic Ocean, with notes on its systematic position. <b>2015</b> , eyv041	2
1816	Clocks do not tick in unison: isolation of Clock and vrille shed new light on the clockwork model of the sand fly Lutzomyia longipalpis. <b>2015</b> , 8, 505	9
1815	A molecular phylogeny of bark spiders reveals new species from Africa and Madagascar (Araneae: Araneidae: Caerostris). <b>2015</b> , 43, 293	5
1814	Genome-Wide Architecture of Disease Resistance Genes in Lettuce. <b>2015</b> , 5, 2655-69	36
1813	Molecular phylogenetics, morphology and a revised classification of the complex genus Saxifraga (Saxifragaceae). <b>2015</b> , 64, 1159-1187	36
1812	A new Early Oligocene toothed 'baleen' whale (Mysticeti: Aetiocetidae) from western North America: one of the oldest and the smallest. <b>2015</b> , 2, 150476	36
1811	Dismantling the treasured flagship lichen Sticta fuliginosa (Peltigerales) into four species in Western Europe. <b>2015</b> , 14, 1	30
1810	A coastal sand dune in New Zealand reveals high arbuscular mycorrhizal fungal diversity. <b>2015</b> , 66, 111-121	9
1809	Molecular identification of python species: development and validation of a novel assay for forensic investigations. <b>2015</b> , 16, 64-70	4

1808	Taxonomy of the Narcissus Flycatcher <i>Ficedula narcissina</i> complex: an integrative approach using morphological, bioacoustic and multilocus DNA data. <b>2015</b> , 157, 312-325	7
1807	Higher-level phylogeny of the Hymenoptera inferred from mitochondrial genomes. <b>2015</b> , 84, 34-43	55
1806	A new species of the oligotrophic genus <i>Ochroconis</i> (Symptoventuriaceae). <b>2015</b> , 14, 1	21
1805	Comparative Analysis of Asteraceae Chloroplast Genomes: Structural Organization, RNA Editing and Evolution. <b>2015</b> , 33, 1526-1538	42
1804	Morphological and molecular evidence supports recognition of <i>Danaus petilia</i> (Stoll, 1790) (Lepidoptera: Nymphalidae) as a species distinct from <i>D. chrysippus</i> (Linnaeus, 1758). <b>2015</b> , 13, 386-402	10
1803	Operational criteria for cryptic species delimitation when evidence is limited, as exemplified by North American <i>Entomobrya</i> (Collembola: Entomobryidae). <b>2015</b> , 173, 818-840	23
1802	A metacalibrated time-tree documents the early rise of flowering plant phylogenetic diversity. <b>2015</b> , 207, 437-453	607
1801	Phylogeny of the <i>Peckia</i> -genus group: evolution of male genitalia in the major necrophagous guild of Neotropical flesh flies (Diptera: Sarcophagidae). <b>2015</b> , 15, 301-331	17
1800	Evolution of novel wood decay mechanisms in Agaricales revealed by the genome sequences of <i>Fistulina hepatica</i> and <i>Cylindrobasidium torrendii</i> . <b>2015</b> , 76, 78-92	107
1799	A new family of Gonyleptoidea from South America (Opiliones, Laniatores). <b>2015</b> , 173, 296-319	9
1798	Evolutionary affinities of the "Lost World" mouse suggest a late Pliocene connection between the Guiana and Brazilian shields. <b>2015</b> , 42, 706-715	21
1797	Identifying possible sister groups of Cryptocercidae+Isoptera: a combined molecular and morphological phylogeny of Dictyoptera. <b>2015</b> , 84, 284-303	54
1796	Molecular phylogeny of Lymantriinae (Lepidoptera, Noctuoidea, Erebidae) inferred from eight gene regions. <b>2015</b> , 31, 579-592	18
1795	Monophyly or polyphyly? Possible conflict between morphological and molecular interpretations of the well-known genus <i>Zoothamnium</i> (Ciliophora, Peritrichia). <b>2015</b> , 33, 490-499	9
1794	A molecular investigation of the genus <i>Ecklonia</i> (Phaeophyceae, Laminariales) with special focus on the Southern Hemisphere. <b>2015</b> , 51, 236-46	33
1793	<i>Teratosphaeria gauchensis</i> associated with trunk, stem and foliar lesions of <i>Eucalyptus globulus</i> in Portugal. <b>2015</b> , 45, 224-234	11
1792	. <b>2015</b> , 69, 449-458	11
1791	Molecular phylogeny of the genus <i>Helix</i> (Pulmonata: Helicidae). <b>2015</b> , 44, 263-280	21

1790	The future of evolutionary diversity in reef corals. <b>2015</b> , 370, 20140010	50
1789	Higher-level phylogeny of paraneopteran insects inferred from mitochondrial genome sequences. <b>2015</b> , 5, 8527	97
1788	Phylogeny and systematics of deep-sea precious corals (Anthozoa: Octocorallia: Coralliidae). <b>2015</b> , 84, 173-84	15
1787	A mitochondrial genome phylogeny of owlet moths (Lepidoptera: Noctuoidea), and examination of the utility of mitochondrial genomes for lepidopteran phylogenetics. <b>2015</b> , 85, 230-7	55
1786	Didymochlaenaceae: A new fern family of eupolypods I (Polypodiales). <b>2015</b> , 64, 27-38	22
1785	Curvoclavula, a new genus of anamorphic Helotiales (Leotiomycetes) isolated from air. <b>2015</b> , 14, 1	3
1784	Revision and morphological phylogenetic analysis of the funnel web spider genus <i>Agelenopsis</i> (Araneae: Agelenidae). <b>2015</b> , 43, 1-25	7
1783	Description of a new soft-haired mouse, genus <i>Abrothrix</i> (Sigmodontinae), from the temperate Valdivian rainforest. <b>2015</b> , 96, 839-853	17
1782	Apache Airavata as a Laboratory. <b>2015</b> ,	8
1781	Recent radiation of <i>Brachystelma</i> and <i>Ceropegia</i> (Apocynaceae) across the Old World against a background of climatic change. <b>2015</b> , 90, 49-66	26
1780	Islands within islands: Diversification of tailless whip spiders (Amblypygi, Phrynus) in Caribbean caves. <b>2015</b> , 93, 107-17	39
1779	Phylogenetic relationships of <i>Echinolaena</i> and <i>Ichnanthus</i> within Panicoideae (Poaceae) reveal two new genera of tropical grasses. <b>2015</b> , 93, 212-33	14
1778	DNA barcode and evolutionary relationship within <i>Laemolyta</i> Cope 1872 (Characiformes: Anostomidae) through molecular analyses. <b>2015</b> , 93, 77-82	16
1777	Phylogenetic framework of the systematically confused <i>Anteholosticha</i> - <i>Holosticha</i> complex (Ciliophora, Hypotrichia) based on multigene analysis. <b>2015</b> , 91, 238-47	41
1776	Armored scale insect endosymbiont diversity at the species level: genealogical patterns of <i>Uzinura diasipidicola</i> in the <i>Chionaspis pinifoliae</i> - <i>Chionaspis heterophyllae</i> species complex (Hemiptera: Coccoidea: Diaspididae). <b>2015</b> , 105, 110-20	1
1775	<i>Austrostigmidium</i> , a new austral genus of lichenicolous fungi close to rock-inhabiting meristematic fungi in Teratosphaeriaceae. <b>2015</b> , 47, 143-156	8
1774	Molecular phylogenetics of the species-rich angiosperm genus <i>Goniothalamus</i> (Annonaceae) inferred from nine chloroplast DNA regions: Synapomorphies and putative correlated evolutionary changes in fruit and seed morphology. <b>2015</b> , 92, 124-39	12
1773	Phylogeny and species delimitations in European <i>Dicranum</i> (Dicranaceae, Bryophyta) inferred from nuclear and plastid DNA. <b>2015</b> , 92, 217-25	33

1772	A multilocus molecular phylogeny of the endemic North American camel spider family Eremobatidae (Arachnida: Solifugae). <b>2015</b> , 92, 280-93	14
1771	Three New Species of the Genus <i>Ochroconis</i> . <b>2015</b> , 180, 7-17	13
1770	Hydrogenotrophic culture enrichment reveals rumen Lachnospiraceae and Ruminococcaceae acetogens and hydrogen-responsive Bacteroidetes from pasture-fed cattle. <b>2015</b> , 362,	40
1769	Concordant species delimitation from multiple independent evidence: A case study with the <i>Pachytriton brevipes</i> complex (Caudata: Salamandridae). <b>2015</b> , 92, 108-17	12
1768	Biogeography and divergent patterns of body size disparification in North American minnows. <b>2015</b> , 93, 17-28	13
1767	<i>Paradoxium irvingi</i> n.gen. n.sp. (Microsporidia) infecting the musculature of European pink shrimp <i>Pandalus montagui</i> . <b>2015</b> , 130, 1-8	12
1766	Diversification of the cold-adapted butterfly genus <i>Oeneis</i> related to Holarctic biogeography and climatic niche shifts. <b>2015</b> , 92, 255-65	16
1765	Species Selection Favors Dispersive Life Histories in Sea Slugs, but Higher Per-Offspring Investment Drives Shifts to Short-Lived Larvae. <b>2015</b> , 64, 983-99	34
1764	Life history lability underlies rapid climate niche evolution in the angiosperm clade Montiaceae. <b>2015</b> , 92, 181-92	33
1763	The phylogenetic position of Neogosseidae (Gastrotricha: Chaetonotida) and the origin of planktonic Gastrotricha. <b>2015</b> , 15, 459-469	9
1762	Expansion of the 'Reticulosphere': Diversity of Novel Branching and Network-forming Amoebae Helps to Define Variosea (Amoebozoa). <b>2015</b> , 166, 271-95	40
1761	The origins and evolution of dwarf males and habitat use in thoracican barnacles. <b>2015</b> , 91, 1-11	28
1760	Integrative taxonomy of the Russet Bush Warbler <i>Locustella mandelli</i> complex reveals a new species from central China. <b>2015</b> , 6,	11
1759	Micro-evolutionary diversification among Indian Ocean parrots: temporal and spatial changes in phylogenetic diversity as a consequence of extinction and invasion. <b>2015</b> , 157, 496-510	10
1758	Phylogeny of <i>Rosa</i> sections <i>Chinenses</i> and <i>Synstylae</i> (Rosaceae) based on chloroplast and nuclear markers. <b>2015</b> , 87, 50-64	34
1757	Invasion success of a global avian invader is explained by within-taxon niche structure and association with humans in the native range. <b>2015</b> , 21, 675-685	35
1756	North or south? Phylogenetic and biogeographic origins of a globally distributed avian clade. <b>2015</b> , 89, 151-9	20
1755	Phylogenetic community ecology of soil biodiversity using mitochondrial metagenomics. <b>2015</b> , 24, 3603-17	68

1754	Leucocytozoon pterotenuis sp. nov. (Haemosporida, Leucocytozoidae): description of the morphologically unique species from the Grallariidae birds, with remarks on the distribution of Leucocytozoon parasites in the Neotropics. <b>2015</b> , 114, 1031-44	16
1753	Hypotrachyna penduliloba and Remototrachyna pandani, two new species in the hyperdiverse lichen family Parmeliaceae from Réunion in the Mascarene Archipelago. <b>2015</b> , 14, 1	4
1752	Dismantling Melaspileaceae: a first phylogenetic study of Buelliella, Hemigrapha, Karschia, Labrocarpon and Melaspilea. <b>2015</b> , 71, 141-164	30
1751	First record of citrus canker, caused by Xanthomonas citri subsp. citri in Solomon Islands. <b>2015</b> , 10, 1	3
1750	Evolutionary history and leaf succulence as explanations for medicinal use in aloes and the global popularity of Aloe vera. <b>2015</b> , 15, 29	50
1749	Amino acid transporter expansions associated with the evolution of obligate endosymbiosis in sap-feeding insects (Hemiptera: Sternorrhyncha). <b>2015</b> , 15, 52	17
1748	The evolutionary and functional diversity of classical and lesser-known cytoplasmic and organellar translational GTPases across the tree of life. <b>2015</b> , 16, 78	32
1747	Molecular phylogeny of Neotropical monogeneans (Platyhelminthes: Monogenea) from catfishes (Siluriformes). <b>2015</b> , 8, 164	53
1746	Habitat visualization and genomic analysis of "Candidatus Pantoea carbekii," the primary symbiont of the brown marmorated stink bug. <b>2015</b> , 7, 620-35	38
1745	Molecular phylogenetics, character evolution and systematics of the genus Micranthes (Saxifragaceae). <b>2015</b> , 178, 47-66	16
1744	Ultraviolet filters in stomatopod crustaceans: diversity, ecology and evolution. <b>2015</b> , 218, 2055-66	17
1743	Molecular data support establishment of a new genus for the lichenicolous species Neobarya usneae (Hypocreales). <b>2015</b> , 118, 83-92	5
1742	Phylogeny of Nemertea with special interest in the placement of diversity from Far East Russia and northeast Asia. <b>2015</b> , 760, 105-119	25
1741	Bricklebush (Brickellia) phylogeny reveals dimensions of the great Asteraceae radiation in Mexico. <b>2015</b> , 85, 161-70	10
1740	Multi-locus fossil-calibrated phylogeny of Atheriniformes (Teleostei, Ovalentaria). <b>2015</b> , 86, 8-23	46
1739	Phylogenetic diversity and endemism of Australian daisies (Asteraceae). <b>2015</b> , 42, 1114-1122	21
1738	Another lineage of secotioid fungi is discovered: Psathyrella secotioides sp. nov. from Mexico. <b>2015</b> , 14, 1	5
1737	A multilocus phylogenetic analysis reveals the monophyly of a circumscribed papilionoid legume tribe Diocleae with well-supported generic relationships. <b>2015</b> , 90, 1-19	34



1736	Evolutionary dynamics of a common sub-Antarctic octocoral family. <b>2015</b> , 84, 185-204	20
1735	Dramatic niche shifts and morphological change in two insular bird species. <b>2015</b> , 2, 140364	21
1734	Phylogeny and biogeography of the New World siskins and goldfinches: rapid, recent diversification in the Central Andes. <b>2015</b> , 87, 28-45	30
1733	Molecular phylogeny and divergence time estimation of <i>Cosmodela</i> (Coleoptera: Carabidae: Cicindelinae) tiger beetle species from Southeast Asia. <b>2015</b> , 44, 437-445	15
1732	Genomic characterisation of the feline sarcoid-associated papillomavirus and proposed classification as <i>Bos taurus</i> papillomavirus type 14. <b>2015</b> , 177, 289-95	44
1731	Validating the power of mitochondrial metagenomics for community ecology and phylogenetics of complex assemblages. <b>2015</b> , 6, 883-894	69
1730	Say goodbye to tribes in the new house fly classification: A new molecular phylogenetic analysis and an updated biogeographical narrative for the Muscidae (Diptera). <b>2015</b> , 89, 1-12	33
1729	Trans-Pacific RAD-Seq population genomics confirms introgressive hybridization in Eastern Pacific <i>Pocillopora</i> corals. <b>2015</b> , 88, 154-62	56
1728	Zygomorphy evolved from disymmetry in Fumarioideae (Papaveraceae, Ranunculales): new evidence from an expanded molecular phylogenetic framework. <b>2015</b> , 115, 895-914	19
1727	Phylogenetic insights resolve Dacampiaceae (Pleosporales) as polyphyletic: <i>Didymocyrtis</i> (Pleosporales, Phaeosphaeriaceae) with Phoma-like anamorphs resurrected and segregated from <i>Polycoccum</i> (Trypetheliales, Polycoccaceae fam. nov.). <b>2015</b> , 74, 53-89	43
1726	Systematics and historical biogeography of the old world butterfly subtribe <i>Mycalesina</i> (Lepidoptera: Nymphalidae: Satyrinae). <b>2015</b> , 15, 167	33
1725	Comparative genome analysis of <i>Mycoplasma pneumoniae</i> . <b>2015</b> , 16, 610	42
1724	Resolving deep relationships of PACMAD grasses: a phylogenomic approach. <b>2015</b> , 15, 178	43
1723	Using molecular tools to guide management of invasive alien species: assessing the genetic impact of a recently introduced island bird population. <b>2015</b> , 21, 1414-1427	5
1722	High levels of interspecific gene flow in an endemic cichlid fish adaptive radiation from an extreme lake environment. <b>2015</b> , 24, 3421-40	40
1721	Redefinition of the hypotrichous ciliate <i>Uncinata</i> , with descriptions of the morphology and phylogeny of three urostylids (Protista, Ciliophora). <b>2015</b> , 13, 455-471	21
1720	A Web-Based Platform for Publication and Distributed Execution of Computing Applications. <b>2015</b> ,	33
1719	Comparison of five methods for delimitating species in <i>Ophion</i> Fabricius, a diverse genus of parasitoid wasps (Hymenoptera, Ichneumonidae). <b>2015</b> , 93, 234-48	26

1718	Parametric and non-parametric species delimitation methods result in the recognition of two new Neotropical woody bamboo species. <b>2015</b> , 93, 261-73	13
1717	Multilocus phylogeography of the common midwife toad, <i>Alytes obstetricans</i> (Anura, Alytidae): Contrasting patterns of lineage diversification and genetic structure in the Iberian refugium. <b>2015</b> , 93, 363-79	19
1716	Ancient Neotropical origin and recent recolonisation: Phylogeny, biogeography and diversification of the Riodinidae (Lepidoptera: Papilionoidea). <b>2015</b> , 93, 296-306	58
1715	New insights into the evolutionary history of <i>Gnetum</i> (Gnetales). <b>2015</b> , 64, 239-253	29
1714	The <i>Hedyotis</i> - <i>Oldenlandia</i> complex (Rubiaceae: Spermaceae) in Asia and the Pacific: Phylogeny revisited with new generic delimitations. <b>2015</b> , 64, 299-322	14
1713	Comparative mitogenomic analysis of the superfamily Pentatomoidea (Insecta: Hemiptera: Heteroptera) and phylogenetic implications. <b>2015</b> , 16, 460	49
1712	Parallel subfunctionalisation of PsbO protein isoforms in angiosperms revealed by phylogenetic analysis and mapping of sequence variability onto protein structure. <b>2015</b> , 15, 133	8
1711	Taxonomic Clarification of the Unusual Dinophyte <i>Gymnodinium limneticum</i> Wołosz. (Gymnodiniaceae) from the Tatra Mountains. <b>2015</b> , 166, 621-37	19
1710	Biodiversity of oligotrich ciliates in the South China Sea: description of three new <i>Strombidium</i> species (Protozoa, Ciliophora, Oligotrichia) with phylogenetic analyses. <b>2015</b> , 13, 608-623	19
1709	Genotype-specific variation in West Nile virus dispersal in California. <b>2015</b> , 485, 79-85	19
1708	The Highly Reduced Plastome of Mycoheterotrophic <i>Sciaphila</i> (Triuridaceae) Is Colinear with Its Green Relatives and Is under Strong Purifying Selection. <b>2015</b> , 7, 2220-36	42
1707	Molecular and morphological data supporting phylogenetic reconstruction of the genus <i>Goniothalamus</i> (Annonaceae), including a reassessment of previous infrageneric classifications. <b>2015</b> , 4, 410-21	4
1706	The CIPRES workbench. <b>2015</b> ,	6
1705	Uncovering the hidden diversity of the Neotropical butterfly genus <i>Ypthimoides</i> Forster (Nymphalidae: Satyrinae): description of three new species based on morphological and molecular data. <b>2015</b> , 15, 577-589	11
1704	Collections on <i>Lonicera</i> in Northwest Iran represent an undescribed species in the <i>Inonotus linteus</i> complex (Hymenochaetales). <b>2015</b> , 14, 1	9
1703	Natural history and systematic position of <i>Rhetus belphegor</i> (n. comb.) (Lepidoptera: Riodinidae), an endangered butterfly with narrow distribution in Southeast Brazil. <b>2015</b> , 19, 1141-1151	7
1702	The fungus <i>Trichophyton redellii</i> sp. Nov. Causes skin infections that resemble white-nose syndrome of hibernating bats. <b>2015</b> , 51, 36-47	30
1701	Monitoring the dynamics of emergence of a non-canonical recombinant of Tomato yellow leaf curl virus and displacement of its parental viruses in tomato. <b>2015</b> , 486, 291-306	23

1700	As old as the mountains: the radiations of the Ericaceae. <b>2015</b> , 207, 355-367	108
1699	Morphology, morphogenesis and molecular phylogeny of an oxytrichid ciliate, <i>Rubrioxxytricha haematoplasma</i> (Blatterer & Foissner, 1990) Berger, 1999 (Ciliophora, Hypotricha). <b>2015</b> , 65, 309-320	5
1698	Interstitial telomere-like repeats in the monocot family Araceae. <b>2015</b> , 177, 15-26	17
1697	Molecular phylogeny of the western Palaearctic Helicoidea (Gastropoda, Stylommatophora). <b>2015</b> , 83, 99-117	48
1696	Are <i>Prorocentrum hoffmannianum</i> and <i>Prorocentrum belizeanum</i> (DINOPHYCEAE, PROROCENTRALES), the same species? An integration of morphological and molecular data. <b>2015</b> , 51, 173-88	24
1695	Underground evolution: new roots for the old tree of lumbricid earthworms. <b>2015</b> , 83, 7-19	48
1694	A long distance dispersal hypothesis for the Pandanaceae and the origins of the <i>Pandanus tectorius</i> complex. <b>2015</b> , 83, 20-32	30
1693	Barcoding Neotropical birds: assessing the impact of nonmonophyly in a highly diverse group. <b>2015</b> , 15, 921-31	12
1692	A tribal level phylogeny of Lake Tanganyika cichlid fishes based on a genomic multi-marker approach. <b>2015</b> , 83, 56-71	72
1691	Anisomeriini diving beetles-an Atlantic-Pacific Island disjunction on Tristan da Cunha and Robinson Crusoe Island, Juan Fernández?. <b>2015</b> , 31, 166-176	14
1690	The tempo and mode of New World monkey evolution and biogeography in the context of phylogenomic analysis. <b>2015</b> , 82 Pt B, 386-99	49
1689	The rise and fall of a genus: Complete mtDNA genomes shed light on the phylogenetic position of yellow-tailed woolly monkeys, <i>Lagothrix flavicauda</i> , and on the evolutionary history of the family Atelidae (Primates: Platyrrhini). <b>2015</b> , 82 Pt B, 495-510	28
1688	Phylogenetic relationships of Mesoamerican spider monkeys ( <i>Ateles geoffroyi</i> ): Molecular evidence suggests the need for a revised taxonomy. <b>2015</b> , 82 Pt B, 484-94	8
1687	Molecular phylogeny of Indo-Pacific carpenter ants (Hymenoptera: Formicidae, <i>Camponotus</i> ) reveals waves of dispersal and colonization from diverse source areas. <b>2015</b> , 31, 424-437	19
1686	Multilocus molecular phylogeny of the suckermouth armored catfishes (Siluriformes: Loricariidae) with a focus on subfamily Hypostominae. <b>2015</b> , 82 Pt A, 269-88	109
1685	Phylogeny and systematics of Protodrilidae (Annelida) inferred with total evidence analyses. <b>2015</b> , 31, 250-276	29
1684	Soil chemistry properties, translocation of heavy metals, and mycorrhizal fungi associated with six plant species growing on lead-zinc mine tailings. <b>2015</b> , 65, 503-515	24
1683	A large-scale phylogenetic revision of Roccellaceae (Arthoniales) reveals eight new genera. <b>2015</b> , 70, 31-53	39

1682	Genetic differentiation and polyploid formation within the <i>Cryptogramma crispa</i> complex (Polypodiales: Pteridaceae). <b>2016</b> , 40, 231-240	7
1681	Complete Chloroplast Genome Sequence of Corroborates Structural Heterogeneity of Inverted Repeats in Wild Progenitors of Cultivated Bananas and Plantains. <b>2016</b> , 9, plantgenome2015.09.0089	22
1680	CHD genes: a reliable marker for bird populations and phylogenetic analysis? Case study of the superfamily Sylvioidea (Aves: Passeriformes). <b>2016</b> , 40, 749-757	1
1679	Chloroplast Genome Evolution in Actinidiaceae: clpP Loss, Heterogenous Divergence and Phylogenomic Practice. <b>2016</b> , 11, e0162324	31
1678	A new generic system for the pantropical <i>Caesalpinia</i> group (Leguminosae). <b>2016</b> , 1-160	59
1677	Molecular phylogeny of the forensically important genus <i>Cochliomyia</i> (Diptera: Calliphoridae). <b>2016</b> , 107-20	12
1676	The Mitochondrial Genomes of the Zoonotic Canine Filarial Parasites <i>Dirofilaria (Nochtiella) repens</i> and <i>Candidatus Dirofilaria (Nochtiella) hongkongensis</i> Provide Evidence for Presence of Cryptic Species. <b>2016</b> , 10, e0005028	32
1675	Diversity, Specificity, and Phylogenetic Relationships of Endohyphal Bacteria in Fungi That Inhabit Tropical Seeds and Leaves. <b>2016</b> , 4,	31
1674	Genomic and Secondary Metabolite Analyses of <i>Streptomyces</i> sp. 2AW Provide Insight into the Evolution of the Cycloheximide Pathway. <b>2016</b> , 7, 573	11
1673	Sub-Cellular Localization and Complex Formation by Aminoacyl-tRNA Synthetases in Cyanobacteria: Evidence for Interaction of Membrane-Anchored ValRS with ATP Synthase. <b>2016</b> , 7, 857	7
1672	Characterization of Chemosynthetic Microbial Mats Associated with Intertidal Hydrothermal Sulfur Vents in White Point, San Pedro, CA, USA. <b>2016</b> , 7, 1163	7
1671	Multilocus Phylogeography of the Treefrog <i>Scinax eurydice</i> (Anura, Hylidae) Reveals a Plio-Pleistocene Diversification in the Atlantic Forest. <b>2016</b> , 11, e0154626	19
1670	Around the World in Eight Million Years: Historical Biogeography and Evolution of the Spray Zone Spider <i>Amaurobioides</i> (Araneae: Anyphaenidae). <b>2016</b> , 11, e0163740	12
1669	Geological Changes of the Americas and their Influence on the Diversification of the Neotropical Kissing Bugs (Hemiptera: Reduviidae: Triatominae). <b>2016</b> , 10, e0004527	57
1668	<i>Frankixalus</i> , a New Rhacophorid Genus of Tree Hole Breeding Frogs with Oophagous Tadpoles. <b>2016</b> , 11, e0145727	15
1667	Consequences of Secondary Calibrations on Divergence Time Estimates. <b>2016</b> , 11, e0148228	96
1666	Macro-Climatic Distribution Limits Show Both Niche Expansion and Niche Specialization among C4 Panicoids. <b>2016</b> , 11, e0151075	7
1665	DNA-Based Taxonomy in Ecologically Versatile Microalgae: A Re-Evaluation of the Species Concept within the Coccoid Green Algal Genus <i>Coccomyxa</i> (Trebouxiophyceae, Chlorophyta). <b>2016</b> , 11, e0151137	40

1664	Molecular Phylogeny and Biogeography of the Amphidromous Fish Genus <i>Dormitator</i> Gill 1861 (Teleostei: Eleotridae). <b>2016</b> , 11, e0153538	17
1663	If Dung Beetles (Scarabaeidae: Scarabaeinae) Arose in Association with Dinosaurs, Did They Also Suffer a Mass Co-Extinction at the K-Pg Boundary?. <b>2016</b> , 11, e0153570	39
1662	Five Complete Chloroplast Genome Sequences from <i>Diospyros</i> : Genome Organization and Comparative Analysis. <b>2016</b> , 11, e0159566	28
1661	Molecular and Morphological Inference of Three Cryptic Species within the <i>Merodon aureus</i> Species Group (Diptera: Syrphidae). <b>2016</b> , 11, e0160001	20
1660	Combined Use of Morphological and Molecular Tools to Resolve Species Mis-Identifications in the <i>Bivalvia</i> The Case of <i>Glycymeris glycymeris</i> and <i>G. pilosa</i> . <b>2016</b> , 11, e0162059	4
1659	The Complete Chloroplast Genome Sequences of Five <i>Epimedium</i> Species: Lights into Phylogenetic and Taxonomic Analyses. <b>2016</b> , 7, 306	116
1658	Evolution of Electrogenic Ammonium Transporters (AMTs). <b>2016</b> , 7, 352	28
1657	Reactive Oxygen Species Function to Mediate the Fe Deficiency Response in an Fe-Efficient Apple Genotype: An Early Response Mechanism for Enhancing Reactive Oxygen Production. <b>2016</b> , 7, 1726	19
1656	Analysis of Complete Chloroplast Genome Sequences Improves Phylogenetic Resolution in (Melanthiaceae). <b>2016</b> , 7, 1797	41
1655	Long-distance dispersal and inter-island colonization across the western Malagasy Region explain diversification in brush-warblers (Passeriformes: Nesittidae). <b>2016</b> , 119, 873-889	6
1654	Out of the Neotropics: newly discovered relictual species sheds light on the biogeographical history of spider ants ( <i>Leptomyrmex</i> , Dolichoderinae, Formicidae). <b>2016</b> , 41, 658-671	11
1653	Molecular phylogeny and biogeography of African diploid barbids, <i>Barbus</i> and allies in Africa and Asia (Teleostei: Cypriniformes). <b>2016</b> , 45, 642-649	17
1652	Invading Africa: a novel transoceanic dispersal by a New World ant parasitoid. <b>2016</b> , 43, 1750-1761	6
1651	Genomic data reveal ancient microendemism in forest scorpions across the California Floristic Province. <b>2016</b> , 25, 3731-51	17
1650	Assembled Plastid and Mitochondrial Genomes, as well as Nuclear Genes, Place the Parasite Family Cynomoriaceae in the Saxifragales. <b>2016</b> , 8, 2214-30	40
1649	DNA data and morphology reveal the existence of <i>Kentrochrysalis streckeri</i> Staudinger, 1880 (Lepidoptera: Sphingidae) instead of <i>K. consimilis</i> in South Korea. <b>2016</b> , 46, 210-219	0
1648	Morphology, Ontogeny, and Molecular Phylogeny of Two Freshwater Species of <i>Deviata</i> (Ciliophora, Hypotrichia) from Southern China. <b>2016</b> , 63, 771-785	12
1647	Cryptic species in the Neotropical fish genus <i>Curimatopsis</i> (Teleostei, Characiformes). <b>2016</b> , 45, 650-658	36

- 1646 *Shackletonia cryodesertorum* (Teloschistaceae, Ascomycota), a new species from the McMurdo Dry Valleys (Antarctica) with notes on the biogeography of the genus *Shackletonia*. **2016**, 15, 743-754 6
- 1645 Rickettsial endosymbiont in the "early-diverging" streptophyte green alga *Mesostigma viride*. **2016**, 52, 219-29 11
- 1644 Repeated invasions into the twilight zone: evolutionary origins of a novel assemblage of fishes from deep Caribbean reefs. **2016**, 25, 3662-82 24
- 1643 Whole-genome duplications followed by tandem duplications drive diversification of the protein modifier SUMO in Angiosperms. **2016**, 211, 172-85 38
- 1642 Biology and phylogenetic placement of a new species of *Lasiokapala* Ashmead from Argentina (Hymenoptera: Eucharitidae). **2016**, 41, 596-606 4
- 1641 An unprecedented new genus and family of Tetractinellida (Porifera, Demospongiae) from New Zealand's Colville Ridge, with a new type of mitochondrial group I intron. **2016**, 177, 335-352 10
- 1640 A molecular phylogeny of the temperate Gondwanan family Pettalidae (Arachnida, Opiliones, Cyphophthalmi) and the limits of taxonomic sampling. **2016**, 178, 523-545 16
- 1639 Mitogenomic phylogeny of Acanthocephala reveals novel Class relationships. **2016**, 45, 437-454 21
- 1638 Next step toward a molecular phylogeny of click-beetles (Coleoptera: Elateridae): redefinition of Pityobiinae, with a description of a new subfamily Parablacinae from the Australasian Region. **2016**, 55, 291-302 25
- 1637 Evolutionary history of *Gymnocarpos* (Caryophyllaceae) in the arid regions from North Africa to Central Asia. **2016**, 119, 511-522 4
- 1636 A morphological supermatrix-based phylogeny for the Neotropical fish superfamily Anostomoidea (Ostariophysi: Characiformes): phylogeny, missing data and homoplasy. **2016**, 32, 276-296 14
- 1635 Phylogeny, landmark analysis and the use of wing venation to study the evolution of social wasps (Hymenoptera: Vespidae: Vespinae). **2016**, 32, 406-425 18
- 1634 Repeated evolution of carnivory among Indo-Australian rodents. **2016**, 70, 653-65 36
- 1633 The role of wet-zone fragmentation in shaping biodiversity patterns in peninsular India: insights from the caecilian amphibian *Gegeneophis*. **2016**, 43, 1091-1102 17
- 1632 Phylogenetic relationships of Acronictinae with discussion of the abdominal courtship brush in Noctuidae (Lepidoptera). **2016**, 41, 416-429 14
- 1631 Speciation, phenotypic plasticity, or ontogeny, the case of the genus *Galkinius* (Pyrgomatidae, Cirripedia, Crustacea). **2016**, 176, 305-322 5
- 1630 DNA sequencing reveals unexpected Recent diversity and an ancient dichotomy in the American marsupial genus *Marmosops* (Didelphidae: Thylamyini). **2016**, 176, 914-940 22
- 1629 Morphology and phylogeny of three trachelocercids (Protozoa, Ciliophora, Karyorelictea), with description of two new species and insight into the evolution of the family Trachelocercidae. **2016**, 177, 306-319 22

1628	Genetic variation and evolutionary origins of parthenogenetic <i>Artemia</i> (Crustacea: Anostraca) with different ploidies. <b>2016</b> , 45, 421-436	12
1627	A multiple-gene phylogeny reveals polyphyly among eastern North American <i>Aphaenogaster</i> species (Hymenoptera: Formicidae). <b>2016</b> , 45, 512-520	18
1626	Reassessment of the evolutionary relationships within the dog-faced bats, genus <i>Cynomops</i> (Chiroptera: Molossidae). <b>2016</b> , 45, 465-480	12
1625	Taxonomic revision and species delimitation of coccoid green algae currently assigned to the genus <i>Dictyochloropsis</i> (Trebouxiophyceae, Chlorophyta). <b>2016</b> , 52, 599-617	42
1624	Dietary adaptations in the teeth of murine rodents (Muridae): a test of biomechanical predictions. <b>2016</b> , 119, 766-784	13
1623	Recent assembly of the global herbaceous flora: evidence from the paper daisies (Asteraceae: Gnaphalieae). <b>2016</b> , 209, 1795-806	37
1622	Additions to Sporormiaceae: Introducing Two Novel Genera, <i>Sparticola</i> and <i>Forliomyces</i> , from <i>Spartium</i> . <b>2016</b> , 37, 75-97	13
1621	Morphology disentangles the systematics of a ubiquitous but elusive meiofaunal group (Kinorhyncha: Pycnophyidae). <b>2016</b> , 32, 479-505	29
1620	Andean uplift drives diversification of the bothriurid scorpion genus <i>Brachistosternus</i> . <b>2016</b> , 43, 1942-1954	34
1619	<i>Sorodiplophrys stercorea</i> : Another Novel Lineage of Sorocarpic Multicellularity. <b>2016</b> , 63, 623-8	21
1618	The evolution of insect sperm: An unusual character system in a megadiverse group. <b>2016</b> , 54, 237-256	17
1617	Application of RNA-seq for mitogenome reconstruction, and reconsideration of long-branch artifacts in Hemiptera phylogeny. <b>2016</b> , 6, 33465	7
1616	Evolutionary relationships in Panicoid grasses based on plastome phylogenomics (Panicoideae; Poaceae). <b>2016</b> , 16, 140	49
1615	The mitochondrial genome of (Chiroptera: Vespertilionidae) from China. <b>2016</b> , 1, 438-440	4
1614	Bayesian Morphological Clock Methods Resurrect Placoderm Monophyly and Reveal Rapid Early Evolution in Jawed Vertebrates. <b>2017</b> , 66, 499-516	53
1613	The complete mitochondrial genome of (Hemiptera: Membracidae). <b>2016</b> , 1, 662-663	17
1612	<i>Pythium</i> and <i>Phytopythium</i> Species in Two Pennsylvania Greenhouse Irrigation Water Tanks. <b>2016</b> , 100, 926-932	9
1611	Evolution of the NET (NocA, Nlz, Elbow, TLP-1) protein family in metazoans: insights from expression data and phylogenetic analysis. <b>2016</b> , 6, 38383	8

1610	Molecular phylogeny of Polyneoptera (Insecta) inferred from expanded mitogenomic data. <b>2016</b> , 6, 36175	33
1609	Towards a phylogenetic classification of Leptothecata (Cnidaria, Hydrozoa). <b>2016</b> , 6, 18075	40
1608	Large-scale mitogenomics enables insights into Schizophora (Diptera) radiation and population diversity. <b>2016</b> , 6, 21762	47
1607	Multi-locus phylogeny using topotype specimens sheds light on the systematics of Niviventer (Rodentia, Muridae) in China. <b>2016</b> , 16, 261	8
1606	Natural History of <i>Selenophanes cassiope guarany</i> (Lepidoptera: Nymphalidae: Brassolini): an Integrative Approach, From Molecules to Ecology. <b>2016</b> , saw068	1
1605	A Gene for Genetic Background in <i>Zea mays</i> : Fine-Mapping enhancer of teosinte branched1.2 to a YABBY Class Transcription Factor. <b>2016</b> , 204, 1573-1585	11
1604	Description of a new microphtalmous species of <i>Pterostichus Bonelli</i> , 1810 (Coleoptera: Carabidae) from southwestern Oregon and key to species of the subgenus <i>Leptoferonia</i> Casey, 1918. <b>2016</b> , 92, 177-188	0
1603	Insights into the phylogeny and evolutionary history of Calyceraceae. <b>2016</b> , 65, 1328-1344	7
1602	A Phylogeny-Based Global Nomenclature System and Automated Annotation Tool for H1 Hemagglutinin Genes from Swine Influenza A Viruses. <b>2016</b> , 1,	84
1601	Origin of a major infectious disease in vertebrates: The timing of <i>Cryptosporidium</i> evolution and its hosts. <b>2016</b> , 143, 1683-1690	11
1600	A large-scale chloroplast phylogeny of the Lamiaceae sheds new light on its subfamilial classification. <b>2016</b> , 6, 34343	88
1599	The evolutionary history of <i>Eugenia</i> sect. <i>Phyllocalyx</i> (Myrtaceae) corroborates historically stable areas in the southern Atlantic forests. <b>2016</b> , 118, 1209-1223	14
1598	Slowly dispersing neotenic beetles can speciate on a penny coin and generate space-limited diversity in the tropical mountains. <b>2016</b> , 6, 33579	23
1597	A calcium sensor - protein kinase signaling module diversified in plants and is retained in all lineages of Bikonta species. <b>2016</b> , 6, 31645	23
1596	Mitochondrial Phylogenomics yields Strongly Supported Hypotheses for Ascaridomorph Nematodes. <b>2016</b> , 6, 39248	17
1595	Deep divergence and evidence for translocations between Iranian and European populations of the alfalfa weevil (Coleoptera: Curculionidae) based on mitochondrial DNA. <b>2016</b> , 148, 703-715	2
1594	Complex Evolutionary Dynamics of Massively Expanded Chemosensory Receptor Families in an Extreme Generalist Chelicerate Herbivore. <b>2016</b> , 8, 3323-3339	24
1593	Chloroplast phylogenomic analyses reveal the deepest-branching lineage of the Chlorophyta, Palmophyllophyceae class. nov. <b>2016</b> , 6, 25367	81



1592	Respiratory Syncytial Virus whole-genome sequencing identifies convergent evolution of sequence duplication in the C-terminus of the G gene. <b>2016</b> , 6, 26311	50
1591	Risk assessment of recent Egyptian H5N1 influenza viruses. <b>2016</b> , 6, 38388	13
1590	Discrete phenotypes are not underpinned by genome-wide genetic differentiation in the squat lobster <i>Munida gregaria</i> (Crustacea: Decapoda: Munididae): a multi-marker study covering the Patagonian shelf. <b>2016</b> , 16, 258	5
1589	Multiple host switching events shape the evolution of symbiotic palaemonid shrimps (Crustacea: Decapoda). <b>2016</b> , 6, 26486	34
1588	The complete mitochondrial genome of the grass emperor, (Perciformes: Lethrinidae). <b>2016</b> , 1, 277-279	0
1587	Revisiting phylogenetic diversity and cryptic species of <i>Cenococcum geophilum</i> sensu lato. <b>2016</b> , 26, 529-40	15
1586	Phylogenetic relationships of Darwin's "Mr. Arthrobalanus": The burrowing barnacles (Cirripedia: Acrothoracica). <b>2016</b> , 100, 292-302	9
1585	Phylogenetic analysis of niche divergence reveals distinct evolutionary histories and climate change implications for tropical carnivorous pitcher plants. <b>2016</b> , 22, 97-110	14
1584	Gondwanian relicts and oceanic dispersal in a cosmopolitan radiation of euedaphic ground beetles. <b>2016</b> , 99, 235-246	20
1583	Evolutionary history of the river frog genus <i>Amietia</i> (Anura: Pyxicephalidae) reveals extensive diversification in Central African highlands. <b>2016</b> , 99, 168-181	17
1582	Two Outbreak Sources of Influenza A (H7N9) Viruses Have Been Established in China. <b>2016</b> , 90, 5561-5573	79
1581	Integrative taxonomy of <i>Peniculus</i> , <i>Metapeniculus</i> , and <i>Trifur</i> (Siphonostomatoida: Pennellidae), copepod parasites of marine fishes from Chile: species delimitation analyses using DNA barcoding and morphological evidence. <b>2016</b> , 14, 466-483	15
1580	Evolution of the APETALA2 Gene Lineage in Seed Plants. <b>2016</b> , 33, 1818-32	17
1579	Bringing the multicellular fern meristem into focus. <b>2016</b> , 210, 790-3	22
1578	High levels of endemism in suckermouth catfishes (Mochokidae: Chiloglanis) from the Upper Guinean forests of West Africa. <b>2016</b> , 100, 199-205	9
1577	Opsin Repertoire and Expression Patterns in Horseshoe Crabs: Evidence from the Genome of <i>Limulus polyphemus</i> (Arthropoda: Chelicerata). <b>2016</b> , 8, 1571-89	33
1576	Islands in the desert: Species delimitation and evolutionary history of <i>Pseudotetracha</i> tiger beetles (Coleoptera: Cicindelidae: Megacephalini) from Australian salt lakes. <b>2016</b> , 101, 279-285	15
1575	Fungal phylogenetic diversity drives plant facilitation. <b>2016</b> , 181, 533-41	7

- 1574 Taxonomy and molecular phylogeny of Diatrypaceae (Ascomycota, Xylariales) species from the Brazilian semi-arid region, including four new species. **2016**, 15, 1 20
- 1573 Reviving Galápagos snails: ancient DNA extraction and amplification from shells of probably extinct endemic land snails. **2016**, 82, 449-456 12
- 1572 Taxonomy and molecular systematics of three oligotrich (s.l.) ciliates including descriptions of two new species, *Strombidium guangdongense* sp. nov. and *Strombidinopsis sinicum* sp. nov. (Protozoa, Ciliophora). **2016**, 14, 452-465 17
- 1571 Molecular and morphological analyses confirm *Rhizopogon verii* as a widely distributed ectomycorrhizal false truffle in Europe, and its presence in South America. **2016**, 26, 377-88 18
- 1570 Patterns of *Symbiodinium* spp. associations within the family Aiptasiidae, a monophyletic lineage of symbiotic of sea anemones (Cnidaria, Actiniaria). **2016**, 35, 345-355 17
- 1569 Ecological diversification associated with the pharyngeal jaw diversity of Neotropical cichlid fishes. **2016**, 85, 302-13 28
- 1568 New Genus of Blood Fluke (Digenea: Schistosomatoidea) from Malaysian Freshwater Turtles (Geoemydidae) and its Phylogenetic Position Within Schistosomatoidea. **2016**, 102, 451-62 19
- 1567 *Dionysia robusta* (Primulaceae), a new species from W Iran. **2016**, 46, 105
- 1566 *Neopsilotrema* n. g. (Digenea: Psilostomidae) and three new species from ducks (Anseriformes: Anatidae) in North America and Europe. **2016**, 93, 307-19 5
- 1565 What is *Nephrolepis Bostoniensis*? **2016**, 204, 153-160 4
- 1564 Out of the Sichuan Basin: Rapid species diversification of the freshwater crabs in Sinopotamon (Decapoda: Brachyura: Potamidae) endemic to China. **2016**, 100, 80-94 13
- 1563 *Salmoneus chadwickae*, a new alpheid shrimp (Crustacea: Decapoda: Alpheidae) from the Red Sea, with remarks on related or regional congeners. **2016**, 46, 773-793 12
- 1562 A phylogeny of Cephaloziaceae (Jungermannioptida) based on nuclear and chloroplast DNA markers. **2016**, 16, 727-742 12
- 1561 The *Ophiostoma clavatum* species complex: a newly defined group in the Ophiostomatales including three novel taxa. **2016**, 109, 987-1018 13
- 1560 Generic recircumscription in the Loxocarpinae (Gesneriaceae), as inferred by phylogenetic and morphological data. **2016**, 65, 277-292 8
- 1559 Dictyosporiaceae fam. nov.. **2016**, 80, 457-482 33
- 1558 Two DNA barcodes and morphology for multi-method species delimitation in *Bonnetina* tarantulas (Araneae: Theraphosidae). **2016**, 101, 176-193 37
- 1557 The discovery of Iberobaeniidae (Coleoptera: Elateroidea): a new family of beetles from Spain, with immatures detected by environmental DNA sequencing. **2016**, 283, 38

1556	Phylogeny and Divergence Times of Lemurs Inferred with Recent and Ancient Fossils in the Tree. <b>2016</b> , 65, 772-91	98
1555	High genetic structuring of Tula hantavirus. <b>2016</b> , 161, 1135-49	28
1554	The dual role of Andean topography in primary divergence: functional and neutral variation among populations of the hummingbird, <i>Metallura tyrianthina</i> . <b>2016</b> , 16, 22	16
1553	A Novel Lineage of 'Naked Filose Amoebae'; <i>Kraken carinae</i> gen. nov. sp. nov. (Cercozoa) with a Remarkable Locomotion by Disassembly of its Cell Body. <b>2016</b> , 167, 268-78	17
1552	Multigene-based phylogeny of the ciliate families Amphisiellidae and Trachelostylidae (Protozoa: Ciliophora: Hypotrichia). <b>2016</b> , 101, 101-110	42
1551	Molecular and morphological phylogenetics of chelonine parasitoid wasps (Hymenoptera: Braconidae), with a critical assessment of divergence time estimations. <b>2016</b> , 101, 224-241	18
1550	Oligotrophic lagoons of the South Pacific Ocean are home to a surprising number of novel eukaryotic microorganisms. <b>2016</b> , 18, 4549-4563	15
1549	Morphological and phylogenetic studies of two new neotropical species of <i>Loweomyces</i> (Polyporales, Basidiomycota). <b>2016</b> , 15, 967-975	4
1548	Community Science Exemplars in SEAGrid Science Gateway: Apache Airavata Based Implementation of Advanced Infrastructure. <b>2016</b> , 80, 1927-1939	42
1547	A complex of <i>Cardicola</i> Short, 1953 (Digenea: Aporocotylidae) species infecting the milkfish <i>Chanos chanos</i> Forssk. (Gonorynchiformes), with descriptions of two new species. <b>2016</b> , 93, 831-846	15
1546	Data on the multilocus molecular phylogenies of the Neotropical fish family Prochilodontidae (Teleostei: Characiformes). <b>2016</b> , 9, 128-42	2
1545	A sister of PIN1 gene in tomato ( <i>Solanum lycopersicum</i> ) defines leaf and flower organ initiation patterns by maintaining epidermal auxin flux. <b>2016</b> , 419, 85-98	23
1544	Eight new mitogenomes for exploring the phylogeny and classification of Vetigastropoda. <b>2016</b> , 82, 534-541	19
1543	Phylogeographic past and invasive presence of <i>Arion</i> pest slugs in Europe. <b>2016</b> , 25, 5747-5764	24
1542	Geographic origins and post-introduction hybridization between strains of <i>Trioxys pallidus</i> introduced to western North America for the biological control of walnut and filbert aphids. <b>2016</b> , 103, 218-229	9
1541	Molecular phylogenetics of <i>Sarcolaenaceae</i> (Malvales), Madagascar's largest endemic plant family. <b>2016</b> , 182, 729-743	7
1540	Recombination-driven generation of the largest pathogen repository of antigen variants in the protozoan <i>Trypanosoma cruzi</i> . <b>2016</b> , 17, 729	23
1539	Midgut fungal and bacterial microbiota of <i>Aedes triseriatus</i> and <i>Aedes japonicus</i> shift in response to La Crosse virus infection. <b>2016</b> , 25, 4075-90	42

1538	Novel fungi from an ancient niche: lachnoid and chalara-like fungi on ferns. <b>2016</b> , 15, 1239-1267	5
1537	A new Miocene baleen whale from the Peruvian desert. <b>2016</b> , 3, 160542	21
1536	Climate-driven range shift prompts species replacement. <b>2016</b> , 63, 593-601	10
1535	Association of Bartonella Species with Wild and Synanthropic Rodents in Different Brazilian Biomes. <b>2016</b> , 82, 7154-7164	29
1534	ArcticPholoe(Polychaeta: Pholoidae): when integrative taxonomy helps to sort out barcodes. <b>2016</b> ,	4
1533	Phylogenetic analysis ofAttalea(Arecaceae): insights into the historical biogeography of a recently diversified Neotropical plant group. <b>2016</b> , 182, 287-302	16
1532	Out-of-Tibet: the spatio-temporal evolution of Gentiana (Gentianaceae). <b>2016</b> , 43, 1967-1978	73
1531	Getting a grip at the edge: recolonization and introgression in eastern Pacific Porites corals. <b>2016</b> , 43, 2147-2159	12
1530	Ancient DNA reveals differences in behaviour and sociality between brown bears and extinct cave bears. <b>2016</b> , 25, 4907-18	48
1529	Partial redundancy and functional specialization of E-class SEPALLATA genes in an early-diverging eudicot. <b>2016</b> , 419, 143-155	16
1528	Revisiting the pink-red pigmented basidiomycete mirror yeast of the phyllosphere. <b>2016</b> , 5, 846-855	6
1527	Aposematism and mimicry in soft-bodied beetles of the superfamily Cleroidea (Insecta). <b>2016</b> , 45, 9-21	12
1526	BLASTOCYSTIS SP. AND BLASTOCYSTIS RATTI IN A BRAZILIAN PORCUPINE (COENDOU PREHENSILIS) WITH DIARRHEA. <b>2016</b> , 47, 640-4	7
1525	First steps in studying the origins of secondary woodiness inBegonia(Begoniaceae): combining anatomy, phylogenetics, and stem transcriptomics. <b>2016</b> , 117, 121-138	24
1524	Colonization and demographic expansion of freshwater fauna across the Hawaiian archipelago. <b>2016</b> , 29, 2054-2069	9
1523	Cryptic host-specific diversity among western hemisphere broomrapes (Orobanche s.l., Orobanchaceae). <b>2016</b> , 118, 1101-1111	16
1522	Positive selection on panpulmonate mitogenomes provide new clues on adaptations to terrestrial life. <b>2016</b> , 16, 164	26
1521	The Diversification of eIF4E Family Members in Plants and Their Role in the Plant-Virus Interaction. <b>2016</b> , 187-205	5

1520	Multi-gene-based phylogenetic analysis of oligotrich ciliates with emphasis on two dominant groups: Cyrtostrombidiids and strombidiids (Protozoa, Ciliophora). <b>2016</b> , 105, 241-250	20
1519	A New Freshwater Naked Lobose Amoeba <i>Korotnevella venosa</i> n. sp. (Amoebozoa, Discosea). <b>2016</b> , 63, 834-840	6
1518	Species delimitation and phylogeography of the studfish <i>Fundulus catenatus</i> species group (Ovalentaria: Cyprinodontiformes). <b>2016</b> ,	1
1517	The Molecular Determinants of Antibody Recognition and Antigenic Drift in the H3 Hemagglutinin of Swine Influenza A Virus. <b>2016</b> , 90, 8266-80	31
1516	<i>Transversotrema Witenberg, 1944</i> (Trematoda: Transversotrematidae) from inshore fishes of Australia: description of a new species and significant range extensions for three congeners. <b>2016</b> , 93, 639-52	22
1515	A single origin of extreme matrotrophy in African mabuyine skinks. <b>2016</b> , 12,	12
1514	Phylogeography and population structure of two <i>Brachistosternus</i> species (Scorpiones: Bothriuridae) from the Chilean coastal desert - the perils of coastal living. <b>2016</b> ,	5
1513	Squamate Phylogenetics, Molecular Branch Lengths, and Molecular Apomorphies: A Response to McMahan et al.. <b>2016</b> , 104, 702-707	7
1512	Geographical range and host breadth of <i>Sebacina</i> orchid mycorrhizal fungi associating with <i>Caladenia</i> in south-western Australia. <b>2016</b> , 182, 140-151	14
1511	The complete chloroplast genome sequence of <i>Lilium fargesii</i> ( <i>Lilium</i> , Liliaceae). <b>2016</b> , 8, 419-422	7
1510	Macroevolution of Specificity in Cyanolichens of the Genus <i>Peltigera</i> Section <i>Polydactylon</i> (Lecanoromycetes, Ascomycota). <b>2017</b> , 66, 74-99	41
1509	Phylogeny, Identification, and Pathogenicity of <i>Lasiodiplodia</i> Associated with Postharvest Stem-End Rot of Coconut in Brazil. <b>2016</b> , 100, 561-568	27
1508	<i>Myriococcum</i> revisited: a revision of an overlooked fungal genus. <b>2016</b> , 302, 957-969	4
1507	Species delineation in the <i>Capitella</i> species complex (Annelida: Capitellidae): geographic and genetic variation in the northern Gulf of Mexico. <b>2016</b> , 135, 415-422	8
1506	First record of Antarctic minke whale, <i>Balaenoptera bonaerensis</i> , in the northern Gulf of Mexico. <b>2016</b> , 9,	2
1505	Speciation and genetic diversity in <i>Centaurea</i> subsect. <i>Phalolepis</i> in Anatolia. <b>2016</b> , 6, 37818	10
1504	User behavior and usage patterns for a highly accessed science gateway. <b>2016</b> ,	
1503	Out of Borneo, again and again: biogeography of the Stream Toad genus <i>Ansonia</i> <i>Stoliczka</i> (Anura: Bufonidae) and the discovery of the first limestone cave-dwelling species. <b>2016</b> ,	11

- 1502 *Heveochlorella* (Trebouxiophyceae): a little-known genus of unicellular green algae outside the Trebouxiales emerges unexpectedly as a major clade of lichen photobionts in foliicolous communities. **2016**, 52, 840-853 15
- 1501 The molecular phylogeny of the sea star *Echinaster* (Asteroidea: Echinasteridae) provides insights for genus taxonomy. **2016**, 135, 235-244 6
- 1500 Phylogenetic relationships in the Marcetia alliance (Melastomeae, Melastomataceae) and implications for generic circumscription. **2016**, 181, 585-609 23
- 1499 Phylogeny and morphology of the *Peziza ammophila* complex (Pezizales, Ascomycota), with description of two new species and a new form. **2016**, 15, 883-901 3
- 1498 The complete mitochondrial genome of the Chilean endemic frog *Formas*, Cuevas & Nuñez, 2006 (Anura, Telmatobiidae). **2016**, 1, 136-137
- 1497 Comprehensive phylogeny, biogeography and new classification of the diverse bee tribe Megachilini: Can we use DNA barcodes in phylogenies of large genera?. **2016**, 103, 245-259 34
- 1496 *Athyrium sessilipinnum*: A new lady fern (Athuriaceae) from southern China. **2016**, 68, 440-447 3
- 1495 Challenging the paradigms of leaf evolution: Class III HD-Zips in ferns and lycophytes. **2016**, 212, 745-758 42
- 1494 First report of three benthic dinoflagellates, *Gambierdiscus pacificus*, *G. australes* and *G. caribaeus* (Dinophyceae), from Hainan Island, South China Sea. **2016**, 64, 259-273 14
- 1493 Revision of the Nearctic *Eratigena* and *Tegenaria* species (Araneae: Agelenidae). **2016**, 44, 105 4
- 1492 A new species of microphallid (Trematoda: Digenea) infecting a novel host family, the Muraenidae, on the northern Great Barrier Reef, Australia. **2016**, 93, 863-876 9
- 1491 Convergent evolution in the colour polymorphism of Selkirkiellaspiders (Theridiidae) from the South American temperate rainforest. **2016**, 1 1
- 1490 Tissue, developmental, and caste-specific expression of odorant binding proteins in a eusocial insect, the red imported fire ant, *Solenopsis invicta*. **2016**, 6, 35452 14
- 1489 Complete mitochondrial genome of the spotted-wing drosophila, (Diptera: Drosophilidae). **2016**, 1, 222-223 2
- 1488 Novel chaetosphaeriaceous hyphomycetes from aquatic habitats. **2016**, 15, 1157-1167 17
- 1487 Comparison of intraspecific, interspecific and intergeneric chloroplast diversity in Cycads. **2016**, 6, 31473 23
- 1486 *Marchantia longii* (Marchantiaceae), a new species from northwestern Yunnan, China. **2016**, 119, 280-289 1
- 1485 *Melampsora pakistanica* sp. nov., a new rust fungus on *Euphorbia helioscopia* (Sun spurge) from Pakistan. **2016**, 15, 1285-1292 4

1484	A new view of the tree of life. <b>2016</b> , 1, 16048	1128
1483	Differential phenotypic and genetic expression of defence compounds in a plant-herbivore interaction along elevation. <b>2016</b> , 3, 160226	7
1482	Resolving phylogenetic relationships and species delimitations in closely related gymnosperms using high-throughput NGS, Sanger sequencing and morphology. <b>2016</b> , 302, 1345-1365	18
1481	Molecular phylogenetics, historical biogeography and character evolution in <i>Dyckia</i> (Bromeliaceae, Pitcairnioideae). <b>2016</b> ,	4
1480	Courtship Pheromone Use in a Model Urodele, the Mexican Axolotl ( <i>Ambystoma mexicanum</i> ). <b>2016</b> , 6, 20184	13
1479	Beyond sodefrin: evidence for a multi-component pheromone system in the model newt <i>Cynops pyrrhogaster</i> (Salamandridae). <b>2016</b> , 6, 21880	12
1478	Changes in community phylogenetic structure in a North American forest chronosequence. <b>2016</b> , 7, e01592	3
1477	Allostery Wiring Map for Kinesin Energy Transduction and Its Evolution. <b>2016</b> , 291, 20932-20945	10
1476	Structural differences and differential expression among rhabdomeric opsins reveal functional change after gene duplication in the bay scallop, <i>Argopecten irradians</i> (Pectinidae). <b>2016</b> , 16, 250	5
1475	The multiple evolutionary origins of the eukaryotic N-glycosylation pathway. <b>2016</b> , 11, 36	30
1474	Evidence of functional divergence in MSP7 paralogous proteins: a molecular-evolutionary and phylogenetic analysis. <b>2016</b> , 16, 256	7
1473	Complete mitochondrial genome of the endangered flower chafer (Coleoptera: Scarabaeidae). <b>2016</b> , 1, 148-149	2
1472	Complete mitochondrial genome of the hawkmoth (Lepidoptera: Sphingidae). <b>2016</b> , 1, 416-418	6
1471	Complete mitochondrial genome of the gelechioid (Lepidoptera: Stathmopodidae). <b>2016</b> , 1, 522-524	3
1470	Ectomycorrhizal diversity and community structure in stands of <i>Quercus oleoides</i> in the seasonally dry tropical forests of Costa Rica. <b>2016</b> , 11, 125007	5
1469	First Detection of Bat White-Nose Syndrome in Western North America. <b>2016</b> , 1,	55
1468	Failure analysis and prediction for the CIPRES science gateway. <b>2016</b> , 28, 1971-1981	0
1467	Conservation genetics of the broadstripe shiner, <i>Pteronotropis euryzonus</i> , an endemic species of the middle Chattahoochee River. <b>2016</b> , 26, 429-444	2

1466	A large-scale phylogeny of the lycophyte genus <i>Selaginella</i> (Selaginellaceae: Lycopodiopsida) based on plastid and nuclear loci. <b>2016</b> , 32, 360-389	50
1465	Phylogenomics and historical biogeography of the monocot order Liliales: out of Australia and through Antarctica. <b>2016</b> , 32, 581-605	44
1464	The influence of hydrogeological disturbance and mining on coal seam microbial communities. <b>2016</b> , 14, 163-75	11
1463	Trans-equatorial range of a land bird lineage (Aves: Rallidae) from tropical forests to subantarctic grasslands. <b>2016</b> , 47, 219-226	8
1462	The importance of long-distance dispersal and establishment events in small insects: historical biogeography of metalmark moths (Lepidoptera, Choreutidae). <b>2016</b> , 43, 1254-1265	23
1461	Geographic variation in hybridization and ecological differentiation between three syntopic, morphologically similar species of montane lizards. <b>2016</b> , 25, 2887-903	5
1460	Evaluating evolutionary pressures and phylogenetic signal in earthworms: a case study - the number of typhlosole lamellae in Hormogastridae (Annelida, Oligochaeta). <b>2016</b> , 178, 4-14	10
1459	New insight into the systematics of Tomoceridae (Hexapoda, Collembola) by integrating molecular and morphological evidence. <b>2016</b> , 45, 286-299	19
1458	A paneukaryotic genomic analysis of the small GTPase RABL2 underscores the significance of recurrent gene loss in eukaryote evolution. <b>2016</b> , 11, 5	15
1457	COMPLETE GENOMIC SEQUENCE OF VIRULENT PIGEON PARAMYXOVIRUS IN LAUGHING DOVES ( <i>STREPTOPELIA SENEGALENSIS</i> ) IN KENYA. <b>2016</b> , 52, 599-608	5
1456	Using a multilocus phylogeny to test morphology-based classifications of <i>Polystichum</i> (Dryopteridaceae), one of the largest fern genera. <b>2016</b> , 16, 55	19
1455	Family-Level Sampling of Mitochondrial Genomes in Coleoptera: Compositional Heterogeneity and Phylogenetics. <b>2015</b> , 8, 161-75	102
1454	Capturing the Phylogeny of Holometabola with Mitochondrial Genome Data and Bayesian Site-Heterogeneous Mixture Models. <b>2016</b> , 8, 1411-26	99
1453	From crypsis to mimicry: changes in colour and the configuration of the visual system during ontogenetic habitat transitions in a coral reef fish. <b>2016</b> , 219, 2545-58	29
1452	Phylogenetics, ancestral state reconstruction, and a new infrageneric classification of <i>Scleria</i> (Cyperaceae) based on three DNA markers. <b>2016</b> , 65, 444-466	9
1451	<i>Thielaviopsis musarum</i> causes postharvest crown and fruit rot of banana in Northeastern Brazil. <b>2016</b> , 41, 258-263	4
1450	Diversity of <i>Frankia</i> in root nodules of six <i>Morella</i> sp. from the Cape flora of South Africa. <b>2016</b> , 406, 375-388	7
1449	Genomic characterization of a novel Epsilonpapillomavirus associated with pigmented papillomas in a red deer ( <i>Cervus elaphus</i> ). <b>2016</b> , 52, 633-9	5



1448	Multilocus phylogeny and ecological differentiation of the "Eupelmus urozonus species group" (Hymenoptera, Eupelmidae) in the West-Palaeartic. <b>2016</b> , 16, 13	10
1447	Evolutionary history of endemic Sulawesi squirrels constructed from UCEs and mitogenomes sequenced from museum specimens. <b>2016</b> , 16, 80	21
1446	Temporally and spatially dynamic germ cell niches in <i>Botryllus schlosseri</i> revealed by expression of a TGF-beta family ligand and vasa. <b>2016</b> , 7, 9	8
1445	Mycorrhizal detection of native and non-native truffles in a historic arboretum and the discovery of a new North American species, <i>Tuber arnoldianum</i> sp. nov. <b>2016</b> , 26, 781-92	15
1444	Horizontal Gene Acquisitions, Mobile Element Proliferation, and Genome Decay in the Host-Restricted Plant Pathogen <i>Erwinia Tracheiphila</i> . <b>2016</b> , 8, 649-64	20
1443	Independent evolution of pouched flowers in the Amazon is supported by the discovery of a new species of <i>Lesia</i> (Gesneriaceae) from Serra do Arac̃tepuí in Brazil. <b>2016</b> , 302, 1109-1119	3
1442	Cryptic species diversity reveals biogeographic support for the 'mountain passes are higher in the tropics' hypothesis. <b>2016</b> , 283,	48
1441	Comparative Phylogenomics of Pathogenic and Nonpathogenic Species. <b>2015</b> , 6, 235-44	31
1440	Picoplankton Bloom in Global South? A High Fraction of Aerobic Anoxygenic Phototrophic Bacteria in Metagenomes from a Coastal Bay (Arraial do Cabo--Brazil). <b>2016</b> , 20, 76-87	5
1439	Biogeography and colonization history of plethodontid salamanders from the Interior Highlands of eastern North America. <b>2016</b> , 43, 410-422	9
1438	Continental-scale spatial phylogenetics of Australian angiosperms provides insights into ecology, evolution and conservation. <b>2016</b> , 43, 2085-2098	76
1437	Molecular Phylogeny and Evolutionary Relationships between the Ciliate Genera <i>Peniculistoma</i> and <i>Mytilophilus</i> (Peniculistomatidae, Pleuronematida). <b>2016</b> , 63, 642-50	4
1436	Testing monophyly of the freshwater fish <i>Leporinus</i> (Characiformes, Anostomidae) through molecular analysis. <b>2016</b> , 88, 1204-14	13
1435	Species diversity of the genus <i>Osmundea</i> (Ceramiales, Rhodophyta) in the Macaronesian region. <b>2016</b> , 52, 664-81	13
1434	Transcontinental dispersal, ecological opportunity and origins of an adaptive radiation in the Neotropical catfish genus <i>Hypostomus</i> (Siluriformes: Loricariidae). <b>2016</b> , 25, 1511-29	32
1433	Emergence of a superradiation: pselaphine rove beetles in mid-Cretaceous amber from Myanmar and their evolutionary implications. <b>2016</b> , 41, 541-566	26
1432	Taxonomy and phylogeny of three heterotrich ciliates (Protozoa, Ciliophora), with description of a new <i>Blepharisma</i> species. <b>2016</b> , 177, 320-334	22
1431	The historical biogeography of the southern group of the sucker genus <i>Moxostoma</i> (Teleostei: Catostomidae) and the colonization of central Mexico. <b>2016</b> , 177, 633-647	9

1430	Contrasting phylogeographic signatures in two Australo-Papuan bowerbird species complexes (Aves: Ailuroedus). <b>2016</b> , 45, 365-379	17
1429	Habitat use and its implications to functional morphology: niche partitioning and the evolution of locomotory morphology in Lake Tanganyikan cichlids (Perciformes: Cichlidae). <b>2016</b> , 118, 536-550	12
1428	An introduction to plant phylogenomics with a focus on palms. <b>2016</b> , 182, 234-255	27
1427	Diversification patterns in the CES clade (Brassicaceae tribes Cremolobeae, Eudemeae, Schizopetaleae) in Andean South America. <b>2016</b> , 181, 543-566	17
1426	A phylogenetic analysis of molecular and morphological characters of <i>Herminium</i> (Orchidaceae, Orchideae): evolutionary relationships, taxonomy, and patterns of character evolution. <b>2016</b> , 32, 198-210	13
1425	Environmental constraints and call evolution in torrent-dwelling frogs. <b>2016</b> , 70, 811-26	17
1424	The complete mitochondrial genome of <i>Koerneria sudhausi</i> (Diplogasteromorpha: Nematoda) supports monophyly of Diplogasteromorpha within Rhabditomorpha. <b>2016</b> , 62, 391-403	5
1423	Identification and characterisation of hemocyanin of the fish louse <i>Argulus</i> (Crustacea: Branchiura). <b>2016</b> , 186, 161-8	7
1422	Do diversity patterns of the spring-inhabiting snail <i>Bythinella</i> (Gastropoda, Bythinellidae) on the Aegean Islands reflect geological history?. <b>2016</b> , 765, 225-243	14
1421	The Green Clade grows: A phylogenetic analysis of <i>Aplastodiscus</i> (Anura; Hylidae). <b>2016</b> , 97, 213-223	16
1420	Inactivation of C4orf26 in toothless placental mammals. <b>2016</b> , 95, 34-45	34
1419	The evolution of dwarf shrubs in alpine environments: a case study of <i>Alchemilla</i> in Africa. <b>2016</b> , 117, 121-31	23
1418	High Degree of HIV-1 Group M (HIV-1M) Genetic Diversity within Circulating Recombinant Forms: Insight into the Early Events of HIV-1M Evolution. <b>2015</b> , 90, 2221-9	21
1417	Phylogenomic analyses resolve an ancient trichotomy at the base of Ischyropsalidoidea (Arachnida, Opiliones) despite high levels of gene tree conflict and unequal minority resolution frequencies. <b>2016</b> , 95, 171-82	16
1416	Origins and recent radiation of Brazilian Eupatorieae (Asteraceae) in the eastern Cerrado and Atlantic Forest. <b>2016</b> , 97, 90-100	28
1415	Transitions between the Arabidopsis-type and the human-type telomere sequence in green algae (clade Caudivolvax, Chlamydomonadales). <b>2016</b> , 125, 437-51	5
1414	Utility of combining morphological characters, nuclear and mitochondrial genes: An attempt to resolve the conflicts of species identification for ciliated protists. <b>2016</b> , 94, 718-729	45
1413	High genetic diversity but low population structure in the frog <i>Pseudopaludicola falcipes</i> (Hensel, 1867) (Amphibia, Anura) from the Pampas of South America. <b>2016</b> , 95, 137-51	17

1412	A multilocus molecular phylogeny of Fasciolariidae (Neogastropoda: Buccinoidea). <b>2016</b> , 99, 309-322	13
1411	Phylogeny and biogeography of hogfishes and allies (Bodianus, Labridae). <b>2016</b> , 99, 1-6	7
1410	Reduced genetic diversity and increased reproductive isolation follow population-level loss of larval dispersal in a marine gastropod. <b>2016</b> , 70, 18-37	14
1409	The New World oil-collecting bees <i>Centris</i> and <i>Epicharis</i> (Hymenoptera, Apidae): molecular phylogeny and biogeographic history. <b>2016</b> , 45, 22-33	23
1408	A new genus and species of omnivorous rodent (Muridae: Murinae) from Sulawesi, nested within a clade of endemic carnivores. <b>2016</b> , 97, 978-991	15
1407	The phylogeny and systematics of the Nassariidae revisited (Gastropoda, Buccinoidea). <b>2016</b> , 99, 337-353	51
1406	Phylogenomics of 'Discosea': A new molecular phylogenetic perspective on Amoebozoa with flat body forms. <b>2016</b> , 99, 144-154	22
1405	A Comparative Analysis of Mitochondrial Genomes in Eustigmatophyte Algae. <b>2016</b> , 8, 705-22	22
1404	Up high and down low: Molecular systematics and insight into the diversification of the ground beetle genus <i>Rhadine</i> LeConte. <b>2016</b> , 98, 161-75	10
1403	Surgical management of an odontogenic tumor in a banded Gila monster ( <i>Heloderma suspectum cinctum</i> ) with a novel herpesvirus. <b>2016</b> , 36, 109-14	7
1402	The role of pollinators in the evolution of corolla shape variation, disparity and integration in a highly diversified plant family with a conserved floral bauplan. <b>2016</b> , 117, 889-904	34
1401	A dated phylogeny of the papilionoid legume genus <i>Canavalia</i> reveals recent diversification by a pantropical liana lineage. <b>2016</b> , 98, 133-46	16
1400	Tracing the Archaeal Origins of Eukaryotic Membrane-Trafficking System Building Blocks. <b>2016</b> , 33, 1528-41	55
1399	Mitochondrial comparative genomics and phylogenetic signal assessment of mtDNA among arbuscular mycorrhizal fungi. <b>2016</b> , 98, 74-83	28
1398	Geographical isolation caused the diversification of the Mediterranean thorny cushion-like <i>Astragalus</i> L. sect. <i>Tragacantha</i> DC. (Fabaceae). <b>2016</b> , 97, 187-195	18
1397	Phylogenetic Relationships of Cucullanidae (Nematoda), with Observations on Seuratoidea and the Monophyly of <i>Cucullanus</i> , <i>Dichelyne</i> and <i>Truttaedacnitis</i> . <b>2016</b> , 102, 87-93	20
1396	Dating of the Limnadiidae family suggests an American origin of <i>Eulimnadia</i> . <b>2016</b> , 773, 149-161	6
1395	Morphological and molecular characterisation of <i>Aphelenchoides besseyi</i> and <i>A. fujianensis</i> (Nematoda: Aphelenchoididae) from rice and forage grass seeds in Brazil. <b>2016</b> , 18, 337-356	14

1394	Bats (Chiroptera: Noctilionoidea) Challenge a Recent Origin of Extant Neotropical Diversity. <b>2016</b> , 65, 432-48	104
1393	Analysis of a Rapid Evolutionary Radiation Using Ultraconserved Elements: Evidence for a Bias in Some Multispecies Coalescent Methods. <b>2016</b> , 65, 612-27	100
1392	Subfamilial and tribal relationships of Ranunculaceae: evidence from eight molecular markers. <b>2016</b> , 302, 419-431	27
1391	A new <i>Laccaria</i> species from cloud forest of Fortuna, Panama. <b>2016</b> , 15, 1	9
1390	Integration of complete chloroplast genome sequences with small amplicon datasets improves phylogenetic resolution in <i>Acacia</i> . <b>2016</b> , 96, 1-8	46
1389	New deep-sea species of <i>Xenoturbella</i> and the position of Xenacoelomorpha. <b>2016</b> , 530, 94-7	89
1388	First report of the Hawaiian genus <i>Newhousia</i> (Dictyotales, Phaeophyceae) from Madang, Papua New Guinea and description of the new species <i>N. yhaga</i> sp. nov.. <b>2016</b> , 59,	1
1387	Was Gondwanan breakup the cause of the intercontinental distribution of Osteoglossiformes? A time-calibrated phylogenetic test combining molecular, morphological, and paleontological evidence. <b>2016</b> , 99, 34-43	21
1386	Phylogenetic relationships, character evolution and biogeographic diversification of <i>Pogostemon</i> s.l. (Lamiaceae). <b>2016</b> , 98, 184-200	23
1385	Of dwarfs and giants: phylogeny of the <i>Petasites</i> -clade (Asteraceae-Beneceioneae) and evolution of miniaturization in arcticAlpine environments. <b>2016</b> , 302, 545-559	8
1384	Recent expansion and relic survival: Phylogeography of the land snail genus <i>Helix</i> (Mollusca, Gastropoda) from south to north Europe. <b>2016</b> , 98, 358-72	13
1383	Two new <i>Cordyceps</i> species from a community forest in Thailand. <b>2016</b> , 15, 1	6
1382	Systematic revision of the pocket gopher genus <i>Orthogeomys</i> . <b>2016</b> , 97, 405-423	2
1381	A well-sampled phylogenetic analysis of the polystichoid ferns (Dryopteridaceae) suggests a complex biogeographical history involving both boreotropical migrations and recent transoceanic dispersals. <b>2016</b> , 98, 324-36	30
1380	Phylogenetic relationships of the New World titi monkeys ( <i>Callicebus</i> ): first appraisal of taxonomy based on molecular evidence. <b>2016</b> , 13, 10	109
1379	Phylogenetic placement of the enigmatic fern genus <i>Trichoneuron</i> informs on the infra-familial relationship of Dryopteridaceae. <b>2016</b> , 302, 319-332	18
1378	New species of <i>Polysphondylium</i> from Madagascar. <b>2016</b> , 108, 80-109	10
1377	Multilocus phylogeny and phylogenomics of <i>Eriochrysis</i> P. Beauv. (Poaceae-Andropogoneae): Taxonomic implications and evidence of interspecific hybridization. <b>2016</b> , 99, 155-167	16

1376	The quest to resolve recent radiations: Plastid phylogenomics of extinct and endangered Hawaiian endemic mints (Lamiaceae). <b>2016</b> , 99, 16-33	37
1375	Diverse sampling of East African haemosporidians reveals chiropteran origin of malaria parasites in primates and rodents. <b>2016</b> , 99, 7-15	33
1374	Description of <i>Malenchus sexlineatus</i> n. sp., new records of three known species of <i>Malenchus</i> Andrassy, 1968 (Nematoda: Tylenchidae) and notes on amphidial aperture development. <b>2016</b> , 18, 155-174	8
1373	Complete mitochondrial genomes render the Night Heron genus <i>Gorsachius</i> non-monophyletic. <b>2016</b> , 157, 505-513	3
1372	Unexpected species diversity and contrasting evolutionary hypotheses in <i>Hebeloma</i> (Agaricales) sections <i>Sinapizantia</i> and <i>Velutipes</i> in Europe. <b>2016</b> , 15, 1	11
1371	Phylogeny and biogeography of <i>Triportheidae</i> (Teleostei: Characiformes) based on molecular data. <b>2016</b> , 96, 130-139	13
1370	Sex and the <i>Catasetinae</i> (Darwin's favourite orchids). <b>2016</b> , 97, 1-10	11
1369	Evolution of geographical place and niche space: Patterns of diversification in the North American sedge (Cyperaceae) flora. <b>2016</b> , 95, 183-95	26
1368	Molecular Phylogeography of Harvest Mice ( <i>Reithrodontomys megalotis</i> ) Based on Cytochrome b DNA Sequences. <b>2016</b> , 23, 297-307	5
1367	Pliocene-Pleistocene lineage diversifications in the Eastern Indigo Snake ( <i>Drymarchon couperi</i> ) in the Southeastern United States. <b>2016</b> , 98, 111-22	13
1366	Radiation of <i>Grossuana</i> Radoman, 1973 (Caenogastropoda: Truncatelloidea) in the Balkans. <b>2016</b> , 82, 305-313	9
1365	Molecular systematics of the freshwater stingrays (myliobatiformes: potamotrygonidae) of the Amazon, Orinoco, Magdalena, Esequibo, Caribbean, and Maracaibo basins (Colombia - Venezuela): evidence from three mitochondrial genes. <b>2016</b> , 27, 4479-4491	8
1364	Nuclear phylogenomics of the palm subfamily <i>Arecoideae</i> (Arecaceae). <b>2016</b> , 97, 32-42	22
1363	Expanded phylogenetic analyses of the class <i>Heterotrichea</i> (Ciliophora, Postciliodesmatophora) using five molecular markers and morphological data. <b>2016</b> , 95, 229-46	31
1362	Molecular phylogeny of the tropical lichen family <i>Pyrenulaceae</i> : contribution from dried herbarium specimens and FTA card samples. <b>2016</b> , 15, 1	19
1361	Actin evolution in ciliates (Protist, Alveolata) is characterized by high diversity and three duplication events. <b>2016</b> , 96, 45-54	12
1360	An empirical test for convergence using African barbs (Cypriniformes: Cyprinidae). <b>2016</b> , 30, 435-450	8
1359	Generic reclassification and species boundaries in the rediscovered freshwater mussel <i>Quadrula mitchelli</i> (Simpson in Dall, 1896). <b>2016</b> , 17, 279-292	29

1358	An augmented supermatrix phylogeny of the avian family Picidae reveals uncertainty deep in the family tree. <b>2016</b> , 94, 313-26	17
1357	Clarifying phylogenetic relationships and the evolutionary history of the bivalve order Arcida (Mollusca: Bivalvia: Pteriomorpha). <b>2016</b> , 94, 298-312	18
1356	Species of <i>Apatemon</i> Szidat, 1928 and <i>Australapatemon</i> Sudarikov, 1959 (Trematoda: Strigeidae) from New Zealand: linking and characterising life cycle stages with morphology and molecules. <b>2016</b> , 115, 271-89	35
1355	Species composition and abundance of copepods in the morphologically cryptic genus <i>Pseudocalanus</i> in the Bering Sea. <b>2016</b> , 134, 173-180	5
1354	Molecular phylogeny of the Neotropical fish genus <i>Tetragonopterus</i> (Teleostei: Characiformes: Characidae). <b>2016</b> , 94, 709-717	10
1353	Phylogeny, biogeography and systematic revision of plain long-nosed squirrels (genus <i>Dremomys</i> , Nannosciurinae). <b>2016</b> , 94, 752-764	16
1352	Elucidating the evolutionary relationships of the Aiptasiidae, a widespread cnidarian-dinoflagellate model system (Cnidaria: Anthozoa: Actiniaria: Metridioidea). <b>2016</b> , 94, 252-63	41
1351	Phylogeny of haemosporidian blood parasites revealed by a multi-gene approach. <b>2016</b> , 94, 221-31	61
1350	Phylogeography of the harvestman genus <i>Metasiro</i> (Arthropoda, Arachnida, Opiliones) reveals a potential solution to the Pangean paradox. <b>2016</b> , 16, 167-184	13
1349	How Should Genes and Taxa be Sampled for Phylogenomic Analyses with Missing Data? An Empirical Study in Iguanian Lizards. <b>2016</b> , 65, 128-45	116
1348	A revised and dated phylogeny of cobweb spiders (Araneae, Araneoidea, Theridiidae): A predatory Cretaceous lineage diversifying in the era of the ants (Hymenoptera, Formicidae). <b>2016</b> , 94, 658-675	32
1347	Rumbling Orchids: How To Assess Divergent Evolution Between Chloroplast Endosymbionts and the Nuclear Host. <b>2016</b> , 65, 51-65	44
1346	Processes Driving the Adaptive Radiation of a Tropical Tree ( <i>Diospyros</i> , Ebenaceae) in New Caledonia, a Biodiversity Hotspot. <b>2016</b> , 65, 212-27	61
1345	Unexpected divergence and lack of divergence revealed in continental Asian <i>Cyornis</i> flycatchers (Aves: Muscicapidae). <b>2016</b> , 94, 232-41	5
1344	Efficient capture of natural history data reveals prey conservatism of cryptic termite predators. <b>2016</b> , 94, 65-73	17
1343	Phylogeny, species delimitation and convergence in the South American bothriurid scorpion genus <i>Brachistosternus</i> Pocock 1893: Integrating morphology, nuclear and mitochondrial DNA. <b>2016</b> , 94, 159-70	22
1342	The gene tree delusion. <b>2016</b> , 94, 1-33	193
1341	Museomics illuminate the history of an extinct, paleoendemic plant lineage ( <i>Hesperelaea</i> , Oleaceae) known from an 1875 collection from Guadalupe Island, Mexico. <b>2016</b> , 117, 44-57	44

1340	Phylogeny of Molossidae Gervais (Mammalia: Chiroptera) inferred by morphological data. <b>2016</b> , 32, 2-35	21
1339	Phylogenetic relationships among four new complete mitogenome sequences of Pelophylax (Amphibia: Anura) from the Balkans and Cyprus. <b>2016</b> , 27, 3434-7	4
1338	The mitogenome of <i>Hydropsyche pellucidula</i> (Hydropsychidae): first gene arrangement in the insect order Trichoptera. <b>2017</b> , 28, 71-72	8
1337	Complete mitochondrial genome of the earthworm, <i>Amyntas jiriensis</i> (Clitellata: Megascolecidae). <b>2017</b> , 28, 163-164	4
1336	Phylogenetic relationships within <i>Lactuca</i> L. (Asteraceae), including African species, based on chloroplast DNA sequence comparisons. <b>2017</b> , 64, 55-71	19
1335	Molecular phylogenetic reconstruction and taxonomic investigation of eelpouts (Cottoidei: Zoarcales) based on Co-1 and Cyt-b mitochondrial genes. <b>2017</b> , 28, 547-557	5
1334	Ecological adaptations and commensal evolution of the Polynoidae (Polychaeta) in the Southwest Indian Ocean Ridge: A phylogenetic approach. <b>2017</b> , 137, 273-281	15
1333	Müller glia reactivity follows retinal injury despite the absence of the glial fibrillary acidic protein gene in <i>Xenopus</i> . <b>2017</b> , 426, 219-235	14
1332	Morphological description and molecular analyses of <i>Tylodelphys</i> sp. (Trematoda: Diplostomidae) newly recorded from the freshwater fish <i>Gobiomorphus cotidianus</i> (common bully) in New Zealand. <b>2017</b> , 91, 332-345	25
1331	Microfungi on <i>Tectona grandis</i> (teak) in Northern Thailand. <b>2017</b> , 82, 107-182	73
1330	A molecular phylogeny of marine amphipods in the herbivorous family Ampithoidae. <b>2017</b> , 46, 85-95	8
1329	Algorithmic single-locus species delimitation: effects of sampling effort, variation and nonmonophyly in four methods and 1870 species of beetles. <b>2017</b> , 17, 393-404	58
1328	The first phylogenetic study of Mesembrinellidae (Diptera: Oestroidea) based on molecular data: clades and congruence with morphological characters. <b>2017</b> , 33, 134-152	18
1327	Molecular phylogeny of the hyperdiverse genus <i>Sarcophaga</i> (Diptera: Sarcophagidae), and comparison between algorithms for identification of rogue taxa. <b>2017</b> , 33, 109-133	21
1326	Post-Eocene climate change across continental Australia and the diversification of Australasian spiny trapdoor spiders (Idiopidae: Arbanitinae). <b>2017</b> , 109, 302-320	42
1325	Myrteae phylogeny, calibration, biogeography and diversification patterns: Increased understanding in the most species rich tribe of Myrtaceae. <b>2017</b> , 109, 113-137	70
1324	Genetic spatial structure of an anchialine cave annelid indicates connectivity within - but not between - islands of the Great Bahama Bank. <b>2017</b> , 109, 259-270	25
1323	ITS non-concerted evolution and rampant hybridization in the legume genus <i>Lespedeza</i> (Fabaceae). <b>2017</b> , 7, 40057	29

1322	The First Isolation and Characterisation of the Protist <i>Labyrinthula</i> sp. in Southeastern Australia. <b>2017</b> , 64, 504-513	10
1321	Morphology and molecules reveal the alien <i>Posthodiplostomum centrarchi</i> Hoffman, 1958 as the third species of <i>Posthodiplostomum</i> Dubois, 1936 (Digenea: Diplostomidae) in Europe. <b>2017</b> , 94, 1-20	25
1320	The Psilostomidae Looss, 1900 (sensu stricto) (Digenea: Echinostomatoidea): description of three new genera and a key to the genera of the family. <b>2017</b> , 94, 21-33	3
1319	Against all odds: reconstructing the evolutionary history of <i>Scrophularia</i> (Scrophulariaceae) despite high levels of incongruence and reticulate evolution. <b>2017</b> , 17, 323-349	12
1318	Fungal Endophytes: an Alternative Source for Production of Volatile Compounds from Agarwood Oil of <i>Aquilaria subintegra</i> . <b>2017</b> , 74, 54-61	27
1317	Testing the contribution of individual genes in mitochondrial genomes for assessing phylogenetic relationships in Vetigastropoda. <b>2017</b> , 83, 123-128	10
1316	Eggshell palaeogenomics: Palaeognath evolutionary history revealed through ancient nuclear and mitochondrial DNA from Madagascan elephant bird ( <i>Aepyornis</i> sp.) eggshell. <b>2017</b> , 109, 151-163	42
1315	The colonization history of the Mediterranean dwarf palm ( <i>Chamaerops humilis</i> L., Palmae). <b>2017</b> , 13, 1	14
1314	mtCOI successfully diagnoses the four main plant-parasitic <i>Aphelenchoides</i> species (Nematoda: Aphelenchoididae) and supports a multiple origin of plant-parasitism in this paraphyletic genus. <b>2017</b> , 148, 853-866	19
1313	The phylogeny of the world's bulbuls (Pycnonotidae) inferred using a supermatrix approach. <b>2017</b> , 159, 498-509	14
1312	Biogeographical patterns of <i>Myrcia</i> s.l. (Myrtaceae) and their correlation with geological and climatic history in the Neotropics. <b>2017</b> , 108, 34-48	16
1311	Phylogeography of the sergeants <i>Abudefduf sexfasciatus</i> and <i>A. vaigiensis</i> reveals complex introgression patterns between two widespread and sympatric Indo-West Pacific reef fishes. <b>2017</b> , 26, 2527-2542	11
1310	A molecular phylogeny reveals the Cuban enigmatic genus <i>Behaimia</i> as a new piece in the Brongniartieae puzzle of papilionoid legumes. <b>2017</b> , 109, 191-202	7
1309	Comparative genomics of <i>Mortierella elongata</i> and its bacterial endosymbiont <i>Mycoavidus cysteinexigens</i> . <b>2017</b> , 19, 2964-2983	98
1308	Biogeography and diversification dynamics of the African woodpeckers. <b>2017</b> , 108, 88-100	8
1307	A highly divergent Puumala virus lineage in southern Poland. <b>2017</b> , 162, 1177-1185	4
1306	Enriching the ant tree of life: enhanced UCE bait set for genome-scale phylogenetics of ants and other Hymenoptera. <b>2017</b> , 8, 768-776	108
1305	An integrative approach underscores the taxonomic status of <i>Lamellidens exolescens</i> , a freshwater mussel from the Oriental tropics (Bivalvia: Unionidae). <b>2017</b> , 15, 204-217	15



1304	Comparative morphology and genetics of two populations of spiny lizards (genus <i>Sceloporus</i> ) from Central Mexico. <b>2017</b> , 267, 21-30	4
1303	Convergent patterns in the evolution of mealybug symbioses involving different intrabacterial symbionts. <b>2017</b> , 11, 715-726	26
1302	Complete mitochondrial genome of the yellow-legged Asian hornet, (Hymenoptera: Vespidae). <b>2017</b> , 2, 82-84	9
1301	Genome sequence, prevalence and quantification of the first iflavivirus identified in a phytoplasma insect vector. <b>2017</b> , 162, 799-809	7
1300	Characterization of the complete chloroplast genome of <i>Elaeagnus mollis</i> , a rare and endangered oil plant. <b>2017</b> , 9, 439-442	6
1299	Ecomorphological adaptation in three mudskippers (Teleostei: Gobioidae: Gobiidae) from the Persian Gulf and the Gulf of Oman. <b>2017</b> , 795, 91-111	13
1298	A New Genus and Two New Species of Arboreal Toads from the Highlands of Sumatra with a Phylogeny of Sundaland Toad Genera. <b>2017</b> , 73, 63-75	9
1297	Revisiting the phylogeny of in Collembola. <b>2017</b> , 7, 2009-2017	13
1296	Molecular detection of Hepatozoon spp. in domestic dogs and wild mammals in southern Pantanal, Brazil with implications in the transmission route. <b>2017</b> , 237, 37-46	34
1295	Phylogeny and biogeography of the imperial pigeons (Aves: Columbidae) in the Pacific Ocean. <b>2017</b> , 110, 19-26	10
1294	Species identification and comparative population genetics of four coastal houndsharks based on novel NGS-mined microsatellites. <b>2017</b> , 7, 1462-1486	19
1293	Ancient coexistence of norepinephrine, tyramine, and octopamine signaling in bilaterians. <b>2017</b> , 15, 6	49
1292	Comparative DNA sequence analyses of <i>Pyramimonas parkeae</i> (Prasinophyceae) chloroplast genomes. <b>2017</b> , 53, 415-424	5
1291	A pilot study applying the plant Anchored Hybrid Enrichment method to New World sages ( <i>Salvia</i> subgenus <i>Calosphace</i> ; Lamiaceae). <b>2017</b> , 117, 124-134	39
1290	Inactivation of the olfactory marker protein (OMP) gene in river dolphins and other odontocete cetaceans. <b>2017</b> , 109, 375-387	15
1289	Dated phylogenetic studies of the southernmost American buthids (Scorpiones; Buthidae). <b>2017</b> , 110, 39-49	20
1288	Plastomes of Mimosoideae: structural and size variation, sequence divergence, and phylogenetic implication. <b>2017</b> , 13, 1	31
1287	Four new species of Tubeufia (Tubeufiaceae, Tubeufiales) from Thailand. <b>2017</b> , 16, 403-417	15

1286	The complete chloroplast genome of a vulnerable species <i>Champereia manillana</i> (Opiliaceae). <b>2017</b> , 9, 415-418	7
1285	Complete mitochondrial genomes of prasinophyte algae <i>Pyramimonas parkeae</i> and <i>Cymbomonas tetramitiformis</i> . <b>2017</b> , 53, 601-615	6
1284	Fungal Identification Using Molecular Tools: A Primer for the Natural Products Research Community. <b>2017</b> , 80, 756-770	320
1283	Dry habitats were crucibles of domestication in the evolution of agriculture in ants. <b>2017</b> , 284,	81
1282	High levels of endemism among Galapagos basidiolichens. <b>2017</b> , 85, 45-73	20
1281	Two new species in the <i>Suillus spraguei</i> complex from China. <b>2017</b> , 109, 296-307	8
1280	North Andean origin and diversification of the largest ithomiine butterfly genus. <b>2017</b> , 7, 45966	33
1279	Descriptions and phylogenetic relationships of four new species and a new name of <i>Habenaria</i> (Orchidaceae) from the cerrado and campos rupestres of Brazil. <b>2017</b> , 303, 873-899	6
1278	<i>Planothidium lanceolatum</i> and <i>Planothidium frequentissimum</i> reinvestigated with molecular methods and morphology: four new species and the taxonomic importance of the sinus and cavum. <b>2017</b> , 32, 75-107	31
1277	A phylogeographic investigation of the kelp genus <i>Laminaria</i> (Laminariales, Phaeophyceae), with emphasis on the South Atlantic Ocean. <b>2017</b> , 53, 778-789	23
1276	Microbial succession dynamics along glacier forefield chronosequences in Tierra del Fuego (Chile). <b>2017</b> , 40, 1939-1957	30
1275	Characterization of the whole chloroplast genome of a rare candelabra primrose <i>Primula chrysochlora</i> (Primulaceae). <b>2017</b> , 9, 361-363	1
1274	North American matsutake: names clarified and a new species described. <b>2017</b> , 109, 379-390	19
1273	Evidence and molecular characterization of <i>Bartonella</i> spp. and hemoplasmas in neotropical bats in Brazil. <b>2017</b> , 145, 2038-2052	30
1272	The New Zealand endemic <i>Plagiochila caducifolia</i> is a disjunct population of <i>Plagiochila spinulosa</i> (Plagiochilaceae: Jungermanniopsida). <b>2017</b> , 55, 276-292	0
1271	Origin and spread of human mitochondrial DNA haplogroup U7. <b>2017</b> , 7, 46044	15
1270	Rotiferan Hox genes give new insights into the evolution of metazoan bodyplans. <b>2017</b> , 8, 9	105
1269	Multilocus phylogeny and statistical biogeography clarify the evolutionary history of major lineages of turtles. <b>2017</b> , 113, 59-66	91

1268	Long-distance dispersal explains the bipolar disjunction in. <b>2017</b> , 104, 663-673	10
1267	The Taxonomic Status of <i>Oligoryzomys mattogrossae</i> (Allen 1916) (Rodentia: Cricetidae: Sigmodontinae), Reservoir of Anajatuba Hantavirus. <b>2017</b> , 3880, 1-32	14
1266	Phylogeography of a widespread small carnivore, the western spotted skunk ( <i>Spilogale putorius</i> ) reveals temporally variable signatures of isolation across western North America. <b>2017</b> , 7, 4229-4240	6
1265	Fungal diversity notes 491802: taxonomic and phylogenetic contributions to fungal taxa. <b>2017</b> , 83, 1-261	134
1264	Epigeal gammarids survived millions of years of severe climatic fluctuations in high latitude refugia throughout the Western Carpathians. <b>2017</b> , 112, 218-229	21
1263	Effects of gene choice, base composition and rate heterogeneity on inference and estimates of divergence times in cypriniform fishes. <b>2017</b> , 121, 319-339	10
1262	Simultaneous speciation in the European high mountain flowering plant genus <i>Facchinia</i> ( <i>Minuartia</i> s.l., Caryophyllaceae) revealed by genotyping-by-sequencing. <b>2017</b> , 112, 23-35	8
1261	A bioinformatics roadmap for the human vaccines project. <b>2017</b> , 16, 535-544	5
1260	Molecular systematics reveals increased diversity within the South African <i>Laurencia</i> complex (Rhodomelaceae, Rhodophyta). <b>2017</b> , 53, 804-819	5
1259	Integrated molecular and morphological studies of <i>Daucus</i> . <b>2017</b> , 265-272	
1258	Integrative inference of population history in the Ibero-Maghrebian endemic <i>Pleurodeles waltli</i> (Salamandridae). <b>2017</b> , 112, 122-137	23
1257	Resin exudation and resinicolous communities on <i>Araucaria humboldtensis</i> in New Caledonia. <b>2017</b> , 11, 495-505	7
1256	Fungal-algal association patterns in lichen symbiosis linked to macroclimate. <b>2017</b> , 214, 317-329	56
1255	The mitochondrial genomes of Atlas Geckos ( <i>Gehyra</i> ): mitogenome assembly from transcriptomes and anchored hybrid enrichment datasets. <b>2017</b> , 2, 356-358	4
1254	Multiple independent colonizations into the Congo Basin during the continental radiation of African <i>Mastacembelus</i> spiny eels. <b>2017</b> , 44, 2308-2318	15
1253	Ancient lakes, Pleistocene climates and river avulsions structure the phylogeography of a large but little-known rock scorpion from the Mojave and Sonoran deserts. <b>2017</b> , 122, 133-146	10
1252	Emerging fungal pathogen <i>Ophidiomyces ophiodiicola</i> in wild European snakes. <b>2017</b> , 7, 3844	40
1251	Shifting Quaternary migration patterns in the Bahamian archipelago: Evidence from the complex at the northern limits of the Caribbean island biodiversity hotspot. <b>2017</b> , 104, 757-771	6

1250	Recalcitrant deep and shallow nodes in <i>Aristolochia</i> (Aristolochiaceae) illuminated using anchored hybrid enrichment. <b>2017</b> , 117, 111-123	23
1249	Molecular phylogenetics and biogeography of the mint tribe Elsholtzieae (Nepetoideae, Lamiaceae), with an emphasis on its diversification in East Asia. <b>2017</b> , 7, 2057	11
1248	Dismantling Marchandiomphalina into <i>Agonimia</i> (Verrucariaceae) and <i>Lawreymyces</i> gen. nov. (Corticaceae): setting a precedent to the formal recognition of thousands of voucherless fungi based on type sequences. <b>2017</b> , 84, 119-138	21
1247	New molecular and morphological data for opecoelid digeneans in two Mediterranean sparid fishes with descriptions of <i>Macvicaria gibsoni</i> n. sp. and <i>M. crassigula</i> (Linton, 1910) (sensu stricto). <b>2017</b> , 94, 739-763	15
1246	Assessing the potential of RAD-sequencing to resolve phylogenetic relationships within species radiations: The fly genus <i>Chiastocheta</i> (Diptera: Anthomyiidae) as a case study. <b>2017</b> , 114, 189-198	11
1245	Unexpected genomic features in widespread intracellular bacteria: evidence for motility of marine chlamydiae. <b>2017</b> , 11, 2334-2344	16
1244	Barcoding rotifer biodiversity in Mediterranean ponds using diapausing egg banks. <b>2017</b> , 7, 4855-4867	12
1243	A Phylogenomic Solution to the Origin of Insects by Resolving Crustacean-Hexapod Relationships. <b>2017</b> , 27, 1818-1824.e5	105
1242	High-throughput sequencing of microbial eukaryotes in Lake Baikal reveals ecologically differentiated communities and novel evolutionary radiations. <b>2017</b> , 93,	23
1241	Evolutionary bottlenecks in brackish water habitats drive the colonization of fresh water by stingrays. <b>2017</b> , 30, 1576-1591	10
1240	Evolutionary and ecological forces influencing population diversification in Bornean montane passerines. <b>2017</b> , 113, 139-149	6
1239	Independent evolution of baleen whale gigantism linked to Plio-Pleistocene ocean dynamics. <b>2017</b> , 284,	105
1238	Correlated evolution between coloration and ambush site in predators with visual prey lures. <b>2017</b> , 71, 2010-2021	7
1237	The complete mitochondrial genome of (Insecta: Hymenoptera: Apidae). <b>2017</b> , 2, 268-269	15
1236	Ancient River Inference Explains Exceptional Oriental Freshwater Mussel Radiations. <b>2017</b> , 7, 2135	50
1235	Microanatomical diversification of the zona pellucida in aplochelioid killifishes. <b>2017</b> , 91, 126-143	7
1234	Flexible ammonia handling strategies using both cutaneous and branchial epithelia in the highly ammonia-tolerant Pacific hagfish. <b>2017</b> , 313, R78-R90	11
1233	Characterisation of a deep-water moss from the perennially ice-covered Lake Vanda, Antarctica. <b>2017</b> , 40, 2063-2076	3

1232	Spiranthes igniorchis (Orchidaceae), a new and rare cryptic species from the south-central Florida subtropical grasslands. <b>2017</b> , 69, 323-339	2
1231	Three new species of Plagioporus Stafford, 1904 from darters (Perciformes: Percidae), with a redescription of Plagioporus boleosomi (Pearse, 1924) Peters, 1957. <b>2017</b> , 94, 159-182	10
1230	Species boundaries in the Astragalus cusickii complex delimited using molecular phylogenetic techniques. <b>2017</b> , 114, 93-110	4
1229	Complete mitochondrial genome of a bat-eared fox ( <i>), along with phylogenetic considerations. <b>2017</b>, 2, 298-299</i>	2
1228	The Near East as a cradle of biodiversity: A phylogeography of banded newts (genus <i>Ommatotriton</i> ) reveals extensive inter- and intraspecific genetic differentiation. <b>2017</b> , 114, 73-81	20
1227	Phylogenomics of foot-and-mouth disease virus O/PanAsia in Vietnam 2010-2014. <b>2017</b> , 48, 24	19
1226	Potential for microbial H and metal transformations associated with novel bacteria and archaea in deep terrestrial subsurface sediments. <b>2017</b> , 11, 1915-1929	79
1225	Out of Borneo: biogeography, phylogeny and divergence date estimates of <i>Artocarpus</i> (Moraceae). <b>2017</b> , 119, 611-627	28
1224	Phylogenomic Insights into the Evolution of Stinging Wasps and the Origins of Ants and Bees. <b>2017</b> , 27, 1019-1025	215
1223	Intra- and interspecific genetic diversity of New Zealand hairworms (Nematomorpha). <b>2017</b> , 144, 1026-1040	8
1222	Conflicting phylogenomic signals reveal a pattern of reticulate evolution in a recent high-Andean diversification (Asteraceae: Astereae: <i>Diplostephium</i> ). <b>2017</b> , 214, 1736-1750	100
1221	Phylogeny and biogeography of the scaleless scale worm (Sigalionidae, Annelida). <b>2017</b> , 7, 2894-2915	5
1220	Etiology of root rot and wilt disease of chickpea in Brazil. <b>2017</b> , 42, 273-283	2
1219	Characterization of the complete chloroplast genome of <i>Xanthoceras sorbifolium</i> , an endangered oil tree. <b>2017</b> , 9, 595-598	5
1218	Complete mitochondrial genome of the black-tailed hornet, <i>Vespa ducalis</i> (Hymenoptera: Vespidae): Genomic comparisons in Vespoidea. <b>2017</b> , 47, 129-136	7
1217	Recognition of endophytic species by leaf-cutting ants and their potential in a Trojan-horse management strategy. <b>2017</b> , 4, 160628	15
1216	Evolution of the endomembrane systems of trypanosomatids - conservation and specialisation. <b>2017</b> , 130, 1421-1434	17
1215	A phylogenomic perspective on the biogeography of skinks in the <i>Plestiodon brevirostris</i> group inferred from target enrichment of ultraconserved elements. <b>2017</b> , 44, 2033-2044	14

- 1214 Molecular phylogenetics and historical biogeography of *Sorbus sensu stricto* (Rosaceae). **2017**, 111, 76-86 11
- 1213 First record of gregarines (Apicomplexa) in seminal vesicle of insect. **2017**, 7, 175 9
- 1212 Molecular Phylogenetic Analyses Show that Trechaleidae and Lycosidae are Sister Groups. **2017**, 17, 169-176 7
- 1211 Substrates of *Peltigera* Lichens as a Potential Source of Cyanobionts. **2017**, 74, 561-569 18
- 1210 Phylogeny of *Acianthera* sect. *Pleurobotryae* (Orchidaceae: Pleurothallidinae), an endemic group of the Atlantic Forest. **2017**, 40, 811-817 4
- 1209 Diversity of culturable fungi inhabiting petroleum-contaminated soils in Southern Iran. **2017**, 110, 903-923 11
- 1208 Evolutionary History of Subtilases in Land Plants and Their Involvement in Symbiotic Interactions. **2017**, 30, 489-501 18
- 1207 Additions to *Lindgomyces* (Lindgomycetaceae, Pleosporales, Dothideomycetes), including two new species occurring on submerged wood from North Carolina, USA, with notes on secondary metabolite profiles. **2017**, 16, 535-552 11
- 1206 A phylogenetic perspective on the association between ants (Hymenoptera: Formicidae) and black yeasts (Ascomycota: Chaetothyriales). **2017**, 284, 23
- 1205 The acacia ants revisited: convergent evolution and biogeographic context in an iconic ant/plant mutualism. **2017**, 284, 37
- 1204 Phylogenetic analyses of Chaetopteridae (Annelida). **2017**, 46, 596-610 4
- 1203 Complete mitochondrial genome of the pumpkin fruit fly, (Diptera: Tephritidae). **2017**, 2, 85-87 10
- 1202 Molecular phylogeny of *Malenchus* and *Filenchus* (Nematoda: Tylenchidae). **2017**, 46, 625-636 17
- 1201 Exploring the shell-based taxonomy of the Sri Lankan land snail *Corilla* H. and A. Adams, 1855 (Pulmonata: Corillidae) using mitochondrial DNA. **2017**, 107, 609-618 4
- 1200 *Pinnularia catenaborealis* sp. nov. (Bacillariophyceae), a unique chain-forming diatom species from James Ross Island and Vega Island (Maritime Antarctica). **2017**, 56, 94-107 16
- 1199 Geographical structure, narrow species ranges, and Cenozoic diversification in a pantropical clade of epiphyllous leafy liverworts. **2017**, 7, 638-653 27
- 1198 Elucidation of the first definitively identified life cycle for a marine turtle blood fluke (Trematoda: Spirorchidae) enables informed control. **2017**, 47, 61-67 32
- 1197 Molecular determination of kleptoplast origins from the sea slug *Plakobranthus ocellatus* (Sacoglossa, Gastropoda) reveals cryptic bryopsidalean (Chlorophyta) diversity in the Hawaiian Islands. **2017**, 53, 467-475 14

1196	The ecology of a continental evolutionary radiation: Is the radiation of sigmodontine rodents adaptive?. <b>2017</b> , 71, 610-632	55
1195	By their own devices: invasive Argentine ants have shifted diet without clear aid from symbiotic microbes. <b>2017</b> , 26, 1608-1630	27
1194	Molecular species delimitation in the genus <i>Eumerus</i> (Diptera: Syrphidae). <b>2017</b> , 107, 126-138	20
1193	Extended molecular phylogenetics and revised systematics of Malagasy scincine lizards. <b>2017</b> , 107, 466-472	7
1192	Molecular phylogeny, biogeography and ecological niche modelling of <i>Cardiocrinum</i> (Liliaceae): insights into the evolutionary history of endemic genera distributed across the Sino-Japanese floristic region. <b>2017</b> , 119, 59-72	16
1191	Reassortment between Swine H3N2 and 2009 Pandemic H1N1 in the United States Resulted in Influenza A Viruses with Diverse Genetic Constellations with Variable Virulence in Pigs. <b>2017</b> , 91,	34
1190	Prevalence, hematological findings and genetic diversity of <i>Bartonella</i> spp. in domestic cats from Valdivia, Southern Chile. <b>2017</b> , 144, 773-782	18
1189	The spider tree of life: phylogeny of Araneae based on target-gene analyses from an extensive taxon sampling. <b>2017</b> , 33, 574-616	202
1188	Phylogeny of the fern subfamily Pteridoideae (Pteridaceae; Pteridophyta), with the description of a new genus: <i>Gastoniella</i> . <b>2017</b> , 109, 59-72	7
1187	Hitchhikers at the dinner table: a revisionary study of a group of ant parasitoids (Hymenoptera: Eucharitidae) specializing in the use of extrafloral nectaries for host access. <b>2017</b> , 42, 204-229	9
1186	Phylogenetic congruence of ribosomal operon and plastid gene sequences for the Characeae with an emphasis on <i>Tolypella</i> (Characeae, Charophyceae). <b>2017</b> , 56, 230-237	4
1185	Model selection in statistical historical biogeography of Neotropical insects-The <i>Exophthalmus</i> genus complex (Curculionidae: Entiminae). <b>2017</b> , 109, 226-239	20
1184	Museomics resolve the systematics of an endangered grass lineage endemic to north-western Madagascar. <b>2017</b> , 119, 339-351	24
1183	Taxonomic, phylogenetic and ecological diversity of <i>Niphargus</i> (Amphipoda: Crustacea) in the Hloch cave system (Switzerland). <b>2017</b> , 15, 218-237	9
1182	In and out of the Qinghai-Tibet Plateau: divergence time estimation and historical biogeography of the large arctic-alpine genus <i>Saxifraga</i> L.. <b>2017</b> , 44, 900-910	60
1181	Phylogenetic relationships in <i>Kerkia</i> and introgression between <i>Hauffenia</i> and <i>Kerkia</i> (Caenogastropoda: Hydrobiidae). <b>2017</b> , 55, 106-117	14
1180	Taxonomy and systematics of three species of the genus <i>Eumerus</i> Meigen, 1822 (Diptera: Syrphidae) new to southeastern Europe. <b>2017</b> , 270, 176-192	9
1179	Developing an Apicomplexan DNA Barcoding System to Detect Blood Parasites of Small Coral Reef Fishes. <b>2017</b> , 103, 366-376	9

1178	Development of single-copy nuclear intron markers for species-level phylogenetics: Case study with Paullinieae (Sapindaceae). <b>2017</b> , 5, 1700051	2
1177	Full genomic characterization of California serogroup viruses, genus Orthobunyavirus, family Peribunyaviridae including phylogenetic relationships. <b>2017</b> , 512, 201-210	17
1176	Leptocneria vinarskii sp. nov. (Lepidoptera: Erebidae: Lymantriinae), an overlooked Wallacean lineage of the Australian genus. <b>2017</b> , 7, 12430	2
1175	A new Miocene baleen whale from Peru deciphers the dawn of cetotheriids. <b>2017</b> , 4, 170560	17
1174	The complex evolutionary history and phylogeography of Caridina typus (Crustacea: Decapoda): long-distance dispersal and cryptic allopatric species. <b>2017</b> , 7, 9044	8
1173	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
1172	New taxa of freshwater mussels (Unionidae) from a species-rich but overlooked evolutionary hotspot in Southeast Asia. <b>2017</b> , 7, 11573	45
1171	A Cretaceous-aged Palaeotropical dispersal established an endemic lineage of Caribbean praying mantises. <b>2017</b> , 284,	15
1170	Punctuated invasion of water, ice, snow and terrestrial ecozones by segmented worms (Oligochaeta: Enchytraeidae: ). <b>2017</b> , 284,	6
1169	Evolutionary History of Saber-Toothed Cats Based on Ancient Mitogenomics. <b>2017</b> , 27, 3330-3336.e5	29
1168	Delimiting species of Protaphorura (Collembola: Onychiuridae): integrative evidence based on morphology, DNA sequences and geography. <b>2017</b> , 7, 8261	8
1167	Patterns of specificity and diversity in species of Paraorygmatobothrium Ruhnke, 1994 (Cestoda: Phyllobothriidae) in Moreton Bay, Queensland, Australia, with the description of four new species. <b>2017</b> , 94, 941-970	5
1166	Genomic Characterization of Crimean-Congo Hemorrhagic Fever Virus in Hyalomma Tick from Spain, 2014. <b>2017</b> , 17, 714-719	18
1165	Evaluating hypotheses of expansion from refugia through comparative phylogeography of south-eastern Coastal Plain amphibians. <b>2017</b> , 44, 2692-2705	19
1164	Phylogenetic position of the family Orientocreadiidae within the superfamily Plagiorchioidea (Trematoda) based on partial 28S rDNA sequence. <b>2017</b> , 116, 2831-2844	10
1163	Coevolutionary arms race versus host defense chase in a tropical herbivore-plant system. <b>2017</b> , 114, E7499-E7505	68
1162	Down regulation of APETALA3 homolog resulted in defect of floral structure critical to explosive pollen release in Cornus canadensis. <b>2017</b> , 55, 566-580	0
1161	A Key Regulator of the Glycolytic and Gluconeogenic Central Metabolic Pathways in. <b>2017</b> , 207, 961-974	12



1160	Tracing the phylogeographic history of Southeast Asian long-tailed macaques through mitogenomes of museum specimens. <b>2017</b> , 116, 227-238	11
1159	Centromeric enrichment of LINE-1 retrotransposons and its significance for the chromosome evolution of Phyllostomid bats. <b>2017</b> , 25, 313-325	11
1158	Dimensions of biodiversity loss: Spatial mismatch in land-use impacts on species, functional and phylogenetic diversity of European bees. <b>2017</b> , 23, 1435-1446	27
1157	Inactivation of thermogenic UCP1 as a historical contingency in multiple placental mammal clades. <b>2017</b> , 3, e1602878	56
1156	Plate ´ pattern clarification of the marine dinophyte <i>Heterocapsa triquetra</i> sensu Stein (Dinophyceae) collected at the Kiel Fjord (Germany). <b>2017</b> , 53, 1305-1324	18
1155	Taxonomy assignment approach determines the efficiency of identification of OTUs in marine nematodes. <b>2017</b> , 4, 170315	25
1154	Pathogenic lineage of <i>Perkinsea</i> associated with mass mortality of frogs across the United States. <b>2017</b> , 7, 10288	22
1153	Phylogenomic analyses of more than 4000 nuclear loci resolve the origin of snakes among lizard families. <b>2017</b> , 13,	54
1152	Evolution of floral zygomorphy in androecium and corolla in Solanaceae. <b>2017</b> , 55, 581-590	4
1151	Speciation below ground: Tempo and mode of diversification in a radiation of endogean ground beetles. <b>2017</b> , 26, 6053-6070	9
1150	Genomic signatures of evolution in <i>Nautilus</i> -An endangered living fossil. <b>2017</b> , 26, 5923-5938	15
1149	Conserved genomic collinearity as a source of broadly applicable, fast evolving, markers to resolve species complexes: A case study using the lichen-forming genus <i>Peltigera</i> section <i>Polydactylon</i> . <b>2017</b> , 117, 10-29	21
1148	Barcoding utility in a mega-diverse, cross-continental genus: keeping pace with <i>Cyrtodactylus</i> geckos. <b>2017</b> , 7, 5592	17
1147	Complete chloroplast genome sequences of <i>Lilium</i> : insights into evolutionary dynamics and phylogenetic analyses. <b>2017</b> , 7, 5751	69
1146	Phylogeny determines flower size-dependent sex allocation at flowering in a hermaphroditic family. <b>2017</b> , 19, 963-972	2
1145	Phylogenetic conservatism and trait correlates of spring phenological responses to climate change in northeast China. <b>2017</b> , 7, 6747-6757	17
1144	Intercontinental and intracontinental biogeography of the eastern Asian - Eastern North American disjunct <i>Panax</i> (the ginseng genus, Araliaceae), emphasizing its diversification processes in eastern Asia. <b>2017</b> , 117, 60-74	15
1143	Trans-biome diversity in Australian grass-specialist lizards (Diplodactylidae: <i>Strophurus</i> ). <b>2017</b> , 115, 62-70	12

1142	Dissecting functions of SEPALLATA-like MADS box genes in patterning of the pseudanthial inflorescence of <i>Gerbera hybrida</i> . <b>2017</b> , 216, 939-954	24
1141	Genome-wide analysis of carbohydrate-active enzymes in <i>Pyramimonas parkeae</i> (Prasinophyceae). <b>2017</b> , 53, 1072-1086	5
1140	Genome size dynamics in tribe Gilliesieae (Amaryllidaceae, subfamily Allioideae) in the context of polyploidy and unusual incidence of Robertsonian translocations. <b>2017</b> , 184, 16-31	12
1139	Molecular phylogeny of Miltogramminae (Diptera: Sarcophagidae): Implications for classification, systematics and evolution of larval feeding strategies. <b>2017</b> , 116, 49-60	30
1138	Multilocus analysis of the catfish family Trichomycteridae (Teleostei: Ostariophysi: Siluriformes) supporting a monophyletic Trichomycterinae. <b>2017</b> , 115, 71-81	31
1137	The diet of a nocturnal pelagic predator, the Bulwer's petrel, across the lunar cycle. <b>2017</b> , 7, 1384	15
1136	The importance of naming cryptic species and the conservation of endemic subterranean amphipods. <b>2017</b> , 7, 3391	102
1135	Global biogeography, cryptic species and systematic issues in the shrimp genus <i>Hippolyte</i> Leach, 1814 (Decapoda: Caridea: Hippolytidae) by multimarker analyses. <b>2017</b> , 7, 6697	9
1134	Epauletted fruit bats display exceptionally high infections with a <i>Hepatocystis</i> species complex in South Sudan. <b>2017</b> , 7, 6928	15
1133	Two new species of <i>Endocarpon</i> (Verrucariaceae, Ascomycota) from China. <b>2017</b> , 7, 7193	3
1132	First Record of <i>Viridothelium virens</i> (Trypetheliales, Ascomycota) in the Southeast Asian Tropics. <b>2017</b> , 30, 317-321	2
1131	Molecular phylogeography of endangered Cuban hutias within the Caribbean radiation of capromyid rodents. <b>2017</b> , 98, 950-963	13
1130	The generic status of <i>Rattus annandalei</i> (Bonhote, 1903) (Rodentia, Murinae) and its evolutionary implications. <b>2017</b> ,	3
1129	First discovery of the charophycean green alga <i>Lychnothamnus barbatus</i> (Charophyceae) extant in the New World. <b>2017</b> , 104, 1108-1116	13
1128	A re-evaluation of diversity of the Aporocotylidae Odhner, 1912 in <i>Siganus fuscescens</i> (Houttuyn) (Perciformes: Siganidae) and associated species. <b>2017</b> , 94, 717-737	13
1127	Triple-reassortant influenza A virus with H3 of human seasonal origin, NA of swine origin, and internal A(H1N1) pandemic 2009 genes is established in Danish pigs. <b>2017</b> , 11, 298-303	23
1126	Karyological patterns in the European endemic genus <i>Soldanella</i> L.: Absolute genome size variation uncorrelated with cytotype chromosome numbers. <b>2017</b> , 104, 1241-1253	4
1125	Population structure of a widespread bat () in an island system. <b>2017</b> , 7, 7585-7598	18

1124	Can asexuality confer a short-term advantage? Investigating apparent biogeographic success in the apomictic triploid fern <i>Myriopteris gracilis</i> . <b>2017</b> , 104, 1254-1265	3
1123	Revised time scales of RNA virus evolution based on spatial information. <b>2017</b> , 284,	18
1122	A mega-phylogeny of the Annonaceae: taxonomic placement of five enigmatic genera and support for a new tribe, Phoenicantheae. <b>2017</b> , 7, 7323	35
1121	Population genetics and dispersal of the flatworm, <i>Polycelis coronata</i> : a test of the habitat stability hypothesis. <b>2017</b> , 32, 179-192	6
1120	The coralline genera <i>Sporolithon</i> and <i>Heydrichia</i> (Sporolithales, Rhodophyta) clarified by sequencing type material of their generitypes and other species. <b>2017</b> , 53, 1044-1059	24
1119	Comparative transcriptomics as a guide to natural product discovery and biosynthetic gene cluster functionality. <b>2017</b> , 114, E11121-E11130	70
1118	Towards a natural classification of <i>Ophiobolus</i> and ophiobolus-like taxa; introducing three novel genera <i>Ophiobolopsis</i> , <i>Paraophiobolus</i> and <i>Pseudoophiobolus</i> in Phaeosphaeriaceae (Pleosporales). <b>2017</b> , 87, 299-339	24
1117	Amphitropical disjunctions in New World <i>Menthinae</i> : Three Pliocene dispersals to South America following late Miocene dispersal to North America from the Old World. <b>2017</b> , 104, 1695-1707	12
1116	<i>Arambarria</i> the pathogen involved in canker rot of <i>Eucalyptus</i> , native trees wood rots and grapevine diseases in the Southern Hemisphere. <b>2017</b> , 47, e12397	10
1115	Rodent-Borne <i>Bartonella</i> Infection Varies According to Host Species Within and Among Cities. <b>2017</b> , 14, 771-782	22
1114	Memoirs of a frequent flier: Phylogenomics reveals 18 long-distance dispersals between North America and South America in the popcorn flowers ( <i>Amsinckiinae</i> ). <b>2017</b> , 104, 1717-1728	10
1113	<i>Ricasolia amplissima</i> (Lobariaceae): one species, three genotypes and a new taxon from south-eastern Alaska. <b>2017</b> , 49, 579-596	5
1112	Origin, evolution, and global transmission of community-acquired ST8. <b>2017</b> , 114, E10596-E10604	80
1111	<i>Corinectria</i> , a new genus to accommodate <i>Neonectria fuckeliana</i> and <i>C. constricta</i> sp. nov. from <i>Pinus radiata</i> in Chile. <b>2017</b> , 16, 1015-1027	11
1110	Anaplasmataceae agents among wild mammals and ectoparasites in Brazil. <b>2017</b> , 145, 3424-3437	21
1109	Pushing the limits of photoreception in twilight conditions: The rod-like cone retina of the deep-sea pearlsides. <b>2017</b> , 3, eaao4709	32
1108	Testing hypotheses on suprageneric relationships and morphological evolution in the <i>Leucobryaceae</i> (Bryophyta). <b>2017</b> , 303, 1383-1397	9
1107	Conservation and variation in pair-rule gene expression and function in the intermediate-germ beetle. <b>2017</b> , 144, 4625-4636	13

1106	The East Asian origin of the giant lobelias. <b>2017</b> , 104, 924-938	13
1105	Phylogenetic relationships of Brazilian Mikania species (Asteraceae, Eupatorieae) based on multilocus DNA markers. <b>2017</b> , 184, 326-346	6
1104	A century of landscape disturbance and urbanization of the San Francisco Bay region affects the present-day genetic diversity of the California Ridgway rail ( <i>Rallus obsoletus obsoletus</i> ). <b>2017</b> , 18, 131-146	9
1103	Morphological and molecular analysis of <i>Paratrichodorus teres</i> (Hooper 1962) (Nematoda: Trichodoridae): a groundwork for discussion on the phylogeny and pathogenicity of <i>Paratrichodorus</i> species. <b>2017</b> , 148, 907-917	4
1102	Phylogeny and biogeography of <i>Maclura</i> (Moraceae) and the origin of an anachronistic fruit. <b>2017</b> , 117, 49-59	13
1101	Detection of misidentifications of species from the <i>Burkholderia cepacia</i> complex and description of a new member, the soil bacterium <i>Burkholderia catarinensis</i> sp. nov. <b>2017</b> , 75,	35
1100	Antibacterial and Antioxidant Constituents of Extracts of Endophytic Fungi Isolated from <i>Ocimum basilicum</i> var. <i>thyriflora</i> Leaves. <b>2017</b> , 74, 1185-1193	20
1099	Phylogenomic analyses of 539 highly informative loci dates a fully resolved time tree for the major clades of living turtles (Testudines). <b>2017</b> , 115, 7-15	39
1098	Identification, classification and transcriptional profiles of dirigent domain-containing proteins in sugarcane. <b>2017</b> , 292, 1323-1340	10
1097	Phylogeography of <i>Petrolisthes armatus</i> , an invasive species with low dispersal ability. <b>2017</b> , 7, 3359	10
1096	The Taxonomy and Relationships of the African Small Barbs (Cypriniformes: Cyprinidae). <b>2017</b> , 105, 348-362	20
1095	The complete chloroplast genomes of <i>Adenolobus garipensis</i> and <i>Cercis glabra</i> (Cercidoideae, Fabaceae). <b>2017</b> , 9, 635-638	6
1094	A mitogenomic timetree for Darwin's enigmatic South American mammal <i>Macrauchenia patachonica</i> . <b>2017</b> , 8, 15951	50
1093	The complete mitochondrial genome of the Egyptian honey bee, (Insecta: Hymenoptera: Apidae). <b>2017</b> , 2, 270-272	12
1092	Large-scale phylogenetic analysis of <i>Amorphophallus</i> (Araceae) derived from nuclear and plastid sequences reveals new subgeneric delineation. <b>2017</b> , 184, 32-45	12
1091	The complete chloroplast genome of <i>Primula persimilis</i> (Primulaceae). <b>2017</b> , 9, 189-191	1
1090	Plant manipulation through gall formation constrains amino acid transporter evolution in sap-feeding insects. <b>2017</b> , 17, 153	4
1089	<i>Globus</i> . <b>2017</b> ,	5

1088	Evolutionary origin and function of NOX4-art, an arthropod specific NADPH oxidase. <b>2017</b> , 17, 92	8
1087	Genome analysis following a national increase in Scarlet Fever in England 2014. <b>2017</b> , 18, 224	45
1086	Nuclear genetic codes with a different meaning of the UAG and the UAA codon. <b>2017</b> , 15, 8	16
1085	Evolution of the gene lineage and expression analyses in the basal eudicot, <i>L.</i> (Papaveraceae). <b>2017</b> , 8, 5	8
1084	Molecular phylogeny of <i>Anopheles hyrcanus</i> group (Diptera: Culicidae) based on mtDNA COI. <b>2017</b> , 6, 61	14
1083	Molecular phylogenetic analyses reveal the importance of taxon sampling in cryptic diversity: <i>Liolaemus nigroviridis</i> and <i>L. monticola</i> (Liolaeminae) as focal species. <b>2017</b> , 90,	2
1082	The complete mitogenome of ( <i>Draparnaud</i> , 1801); ultra-deep sequencing from a single long-range PCR using the Ion-Torrent PGM. <b>2017</b> , 154, 7	3
1081	Phylogenetic analysis of <i>Placobdella</i> (Hirudinea: Rhynchobdellida: Glossiphoniidae) with consideration of COI variation. <b>2017</b> , 114, 234-248	21
1080	<i>Longamoebia</i> is not monophyletic: Phylogenomic and cytoskeleton analyses provide novel and well-resolved relationships of amoebozoan subclades. <b>2017</b> , 114, 249-260	11
1079	Sex, drugs and pupusas: Disentangling relationships in <i>Echiteae</i> (Apocynaceae). <b>2017</b> , 66, 623-644	9
1078	The complete chloroplast genome of a rare candelabra primrose <i>Primula stenodonta</i> (Primulaceae). <b>2017</b> , 9, 123-125	2
1077	Expanded molecular phylogeny of the genus <i>Bicyclus</i> (Lepidoptera: Nymphalidae) shows the importance of increased sampling for detecting semi-cryptic species and highlights potentials for future studies. <b>2017</b> , 15, 115-130	12
1076	A settled sub-family for the orphan tree: The phylogenetic position of the endemic Colombian genus <i>Orphanodendron</i> in the Leguminosae. <b>2017</b> , 69, 62-70	4
1075	Defensive traits exhibit an evolutionary trade-off and drive diversification in ants. <b>2017</b> , 71, 315-328	51
1074	Multilocus approaches reveal underestimated species diversity and inter-specific gene flow in pikas ( <i>Ochotona</i> ) from southwestern China. <b>2017</b> , 107, 239-245	16
1073	Molecular phylogenetic analysis of "pirate spiders" (Araneae, Mimetidae) with the description of a new African genus and the first report of maternal care in the family. <b>2017</b> , 33, 375-405	15
1072	Rafting spiders or drifting islands? Origins and diversification of the endemic trap-door spiders from the Balearic Islands, Western Mediterranean. <b>2017</b> , 44, 924-936	12
1071	<i>Cantharellus</i> (Cantharellales, Basidiomycota) revisited in Europe through a multigene phylogeny. <b>2017</b> , 83, 263-292	27

1070	Influenza Research Database: An integrated bioinformatics resource for influenza virus research. <b>2017</b> , 45, D466-D474	174
1069	Molecular phylogeny of the cosmopolitan aquatic plant genus <i>Limosella</i> (Scrophulariaceae) with a particular focus on the origin of the Australasian <i>L. curdieana</i> . <b>2017</b> , 130, 107-116	6
1068	Draft Genome Sequence of <i>Mentha longifolia</i> and Development of Resources for Mint Cultivar Improvement. <b>2017</b> , 10, 323-339	49
1067	A phylogeny of the genus <i>Encyclia</i> (Orchidaceae: Laeliinae), with emphasis on the species of the Northern Hemisphere. <b>2017</b> , 55, 110-123	3
1066	Microbial Nursery Production of High-Quality Biological Soil Crust Biomass for Restoration of Degraded Dryland Soils. <b>2017</b> , 83,	38
1065	Evolutionary history of the thicket rats (genus <i>Grammomys</i> ) mirrors the evolution of African forests since late Miocene. <b>2017</b> , 44, 182-194	35
1064	The life and adventures of an eight-legged castaway: Colonization and diversification of <i>Philisca</i> ghost spiders on Robinson Crusoe Island (Araneae, Anyphaenidae). <b>2017</b> , 107, 132-141	9
1063	A complete molecular phylogeny of <i>Claravis</i> confirms its paraphyly within small New World ground-doves (Aves: Peristerinae) and implies multiple plumage state transitions. <b>2017</b> , 48, 459-464	3
1062	A new genus and new species of freshwater Chaetonotidae (Gastrotricha: Chaetonotida) from Brazil with phylogenetic position inferred from nuclear and mitochondrial DNA sequences. <b>2017</b> , 15, 49-62	14
1061	Microfungi on <i>Tamarix</i> . <b>2017</b> , 82, 239-306	35
1060	Phylogeny, taxonomy and diversification events in the Caliciaceae. <b>2017</b> , 82, 221-238	29
1059	Revision of <i>Godartiana</i> Forster (Lepidoptera: Nymphalidae), with the description of a new species from northeastern Brazil. <b>2017</b> , 56, 169-190	10
1058	Assessing the phylogenetic placement and redundancy of <i>Aspidotheliaceae</i> (Ascomycota), an orphaned family of lichen-forming fungi. <b>2017</b> , 15, 63-73	4
1057	Dual colonization of the Palaearctic from different regions in the Afrotropics by <i>Senecio</i> . <b>2017</b> , 44, 147-157	9
1056	Tackling relationships and species circumscriptions of <i>Octoblepharum</i> , an enigmatic genus of haplolepidaceous mosses (Dicranidae, Bryophyta). <b>2017</b> , 15, 16-24	9
1055	Diversification across major biogeographic breaks in the African Shining/Square-tailed Drongos complex (Passeriformes: Dicruridae). <b>2017</b> , 46, 27-41	15
1054	Systematics and origin of moths in the subfamily Arctiinae (Lepidoptera, Erebiidae) in the Neotropical region. <b>2017</b> , 46, 348-362	22
1053	Morphology and Molecular Phylogeny of Two Poorly Known Species of <i>Protocruzia</i> (Ciliophora: Protocruziida). <b>2017</b> , 64, 144-152	6

1052	Small fishes crossed a large mountain range: Quaternary stream capture events and freshwater fishes on both sides of the Taebaek Mountains. <b>2017</b> , 12, 292-302	4
1051	Flowers and Wild Megachilid Bees Share Microbes. <b>2017</b> , 73, 188-200	84
1050	Age estimates of Frullania (Frullaniaceae, Porellales) main lineages: another example of rapid and recent diversification in liverwort evolution. <b>2017</b> , 15, 156-165	12
1049	Alterations of CorTFL1 and CorAP1 expression correlate with major evolutionary shifts of inflorescence architecture in Cornus (Cornaceae) - a proposed model for variation of closed inflorescence forms. <b>2017</b> , 216, 519-535	12
1048	Evolution in the South American <i>Post World</i> insights from multilocus phylogeography of stefanias (Anura, Hemiphractidae, Stefania). <b>2017</b> , 44, 170-181	21
1047	Phylogeny of Paussus L. (Carabidae: Paussinae): unravelling morphological convergence associated with myrmecophilous life histories. <b>2017</b> , 42, 134-170	10
1046	Turbo-taxonomy to assemble a megadiverse lichen genus: seventy new species of Cora (Basidiomycota: Agaricales: Hygrophoraceae), honouring David Leslie Hawksworth's seventieth birthday. <b>2017</b> , 84, 139-207	35
1045	Mitochondrial Genome of Prasinophyte Alga Pyramimonas parkeae. <b>2017</b> , 64, 360-369	2
1044	Crown group Oxyphotobacteria postdate the rise of oxygen. <b>2017</b> , 15, 19-29	102
1043	Next-generation polyploid phylogenetics: rapid resolution of hybrid polyploid complexes using PacBio single-molecule sequencing. <b>2017</b> , 213, 413-429	50
1042	Species delimitation for cryptic species complexes: case study of Pyramidula (Gastropoda, Pulmonata). <b>2017</b> , 46, 55-72	29
1041	Endemic diversification in the mountains: genetic, morphological, and geographical differentiation of the Hemidactylus geckos in southwestern Arabia. <b>2017</b> , 17, 267-285	18
1040	Molecular phylogeny of flat-footed flies (Diptera: Platypezidae): main clades supported by new morphological evidence. <b>2017</b> , 46, 429-444	6
1039	Phylogeography and population genetics of the European mudminnow (Umbra krameri) with a time-calibrated phylogeny for the family Umbridae. <b>2017</b> , 792, 151-168	14
1038	Specialist and generalist symbionts show counterintuitive levels of genetic diversity and discordant demographic histories along the Florida Reef Tract. <b>2017</b> , 36, 339-354	10
1037	Spatio-temporal variation in parasite communities maintains diversity at the major histocompatibility complex class II in the endangered Rio Grande silvery minnow. <b>2017</b> , 26, 471-489	9
1036	An integrative approach to the evolution of shrimps of the genus Palaemon (Decapoda, Palaemonidae). <b>2017</b> , 46, 473-485	12
1035	Microdiversification of a Pelagic Polynucleobacter Species Is Mainly Driven by Acquisition of Genomic Islands from a Partially Interspecific Gene Pool. <b>2017</b> , 83,	38

1034	Multilocus species delimitation in Mesoamerican <i>Scaptotrigona</i> stingless bees (Apidae: Meliponini) supports the existence of cryptic species. <b>2017</b> , 42, 171-181	12
1033	Plastid phylogenomic study of species within the genus <i>Zea</i> : rates and patterns of three classes of microstructural changes. <b>2017</b> , 63, 311-323	11
1032	A giant spurrey on a tiny island: On the phylogenetic position of <i>Sanctambrosia manicata</i> (Caryophyllaceae) and the generic circumscriptions of <i>Spergula</i> , <i>Spergularia</i> and <i>Rhodalsine</i> . <b>2017</b> , 66, 615-622	14
1031	<i>Thiersianthus</i> (Marchantiophyta: Lejeuneaceae), a new genus from lowland rainforests in Borneo. <b>2017</b> , 120, 511	7
1030	Sympatric colour morphs or distinct taxa? Examining species boundaries among two South African freshwater crabs (Decapoda: Potamonautidae: <i>Potamonautes</i> MacLeay, 1838), with the description of a new species. <b>2017</b> , 37, 723-731	7
1029	Towards a complete generic-level plastid phylogeny of the paleotropical woody bamboos (Poaceae: Bambusoideae). <b>2017</b> , 66, 539-553	16
1028	Coalescent-based delimitation outperforms distance-based methods for delineating less divergent species: the case of <i>Kurixalus odontotarsus</i> species group. <b>2017</b> , 7, 16124	21
1027	Evolution of the process underlying floral zygomorphy development in pentapetalous angiosperms. <b>2017</b> , 104, 1846-1856	12
1026	Multiple Pleistocene refugia in the Brazilian cerrado: evidence from phylogeography and climatic nichemodelling of two <i>Qualea</i> species (Vochysiaceae). <b>2017</b> , 185, 307-320	18
1025	Molecular data, based on an exhaustive species sampling of the fern genus <i>Rumohra</i> (Dryopteridaceae), reveal a biogeographical history mostly shaped by dispersal and several cryptic species in the widely distributed <i>Rumohra adiantiformis</i> . <b>2017</b> , 185, 463-481	9
1024	<i>Esteya Vermicola</i> , a Nematophagous Fungus Attacking the Pine Wood Nematode, Harbors a Bacterial Endosymbiont Affiliated with Gammaproteobacteria. <b>2017</b> , 32, 201-209	7
1023	Phylogeny and evolution of achenial trichomes in the <i>Lucilia</i> -group (Asteraceae: Gnaphalieae) and their systematic significance. <b>2017</b> , 66, 1184-1199	4
1022	Fates of angiosperm species following long-distance dispersal: Examples from American amphitropical Polemoniaceae. <b>2017</b> , 104, 1729-1744	7
1021	Science Gateways Incubator: Software Sustainability Meets Community Needs. <b>2017</b> ,	1
1020	Phylogeny and taxonomy of five poorly known species of cyrtophorian ciliates (Protozoa: Ciliophora: Phyllopharyngea) from China Seas. <b>2017</b> , 180, 475-492	10
1019	Design of User Database Resource Management System Based on Web. <b>2017</b> ,	0
1018	Apache Airavata Sharing Service. <b>2017</b> ,	5
1017	Phylogeny of the popcorn flowers: Use of genome skimming to evaluate monophyly and interrelationships in subtribe <i>Amsinckiinae</i> (Boraginaceae). <b>2017</b> , 66, 1406-1420	16



1016	Taxonomy and molecular systematics of the Yellow-green Grosbeak <i>Caryothraustes canadensis</i> (Passeriformes: Cardinalidae). <b>2017</b> , 25, 176-189	2
1015	Mitochondrial genomes of blister beetles (Coleoptera, Meloidae) and two large intergenic spacers in <i>Hycleus</i> genera. <b>2017</b> , 18, 698	21
1014	The Complete Chloroplast Genomes of Three (Liliaceae) Species: Comparative Genomic and Phylogenetic Analyses. <b>2016</b> , 7, 2054	69
1013	Evolution and Expression Patterns of Genes in Asparagales. <b>2017</b> , 8, 9	20
1012	Clathrin in : Molecular Analysis and Involvement in Charasome Degradation and Constitutive Endocytosis. <b>2017</b> , 8, 20	11
1011	Population Structure and Phylogenetic Relationships in a Diverse Panel of <i>L.</i> <b>2017</b> , 8, 321	26
1010	Evolution and Expression Patterns of Genes in : Phylogenetic Insights for Floral Symmetry Genes in Asteraceae. <b>2017</b> , 8, 589	21
1009	Robust Phylogeny of (Vitaceae) Based on Ten Plastid DNA Regions: Implications for Infrageneric Classification and Seed Character Evolution. <b>2017</b> , 8, 590	14
1008	The Complete Chloroplast Genome of Chinese Bayberry ( <i>, Myricaceae</i> ): Implications for Understanding the Evolution of Fagales. <b>2017</b> , 8, 968	84
1007	Comparative and Phylogenetic Analyses of the Complete Chloroplast Genomes of Three Arcto-Tertiary Relicts: <i>, , and</i> . <b>2017</b> , 8, 1536	6
1006	Spatial Patterns of Species Diversity and Phylogenetic Structure of Plant Communities in the Tianshan Mountains, Arid Central Asia. <b>2017</b> , 8, 2134	5
1005	Biogeographic Events Are Not Correlated with Diaspore Dispersal Modes in Boraginaceae. <b>2017</b> , 5,	14
1004	Zoantharians (Hexacorallia: Zoantharia) Associated with Cold-Water Corals in the Azores Region: New Species and Associations in the Deep Sea. <b>2017</b> , 4,	19
1003	Abyssal Solenogastres (Mollusca, Aplacophora) from the Northwest Pacific: Scratching the Surface of Deep-Sea Diversity Using Integrative Taxonomy. <b>2017</b> , 4,	5
1002	Freshwater Recirculating Aquaculture System Operations Drive Biofilter Bacterial Community Shifts around a Stable Nitrifying Consortium of Ammonia-Oxidizing and Comammox. <b>2017</b> , 8, 101	113
1001	Genotypes Associated with Isolates Displaying Impaired or Enhanced Tolerances to Cold, Salt, Acid, or Desiccation Stress. <b>2017</b> , 8, 369	73
1000	Comparative Genomics of Facultative Bacterial Symbionts Isolated from European Species Reveals an Ancestral Symbiotic Association. <b>2017</b> , 8, 1969	4
999	Evidence for Widespread Associations between Neotropical Hymenopteran Insects and Actinobacteria. <b>2017</b> , 8, 2016	17

- 998 Nuclear and plastid phylogenies suggest ancient intersubgeneric hybridization in the fern genus *Pyrrosia* (Polypodiaceae), with a classification of *Pyrrosia* based on molecular and non-molecular evidence. **2017**, 66, 1065-1084 2
- 997 Genomic divergence and cohesion in a species of pelagic freshwater bacteria. **2017**, 18, 794 8
- 996 Molecular phylogenetics of cool-season grasses in the subtribes Agrostidinae, Anthoxanthinae, Aveninae, Brizinae, Calothecinae, Koeleriinae and Phalaridinae (Poaceae, Pooideae, Poeae, Poeae chloroplast group 1). **2017**, 1-139 33
- 995 AS3MT-mediated tolerance to arsenic evolved by multiple independent horizontal gene transfers from bacteria to eukaryotes. **2017**, 12, e0175422 22
- 994 Phylogeny and diversity of neotropical monkey lizards (Iguanidae: Polychrus Cuvier, 1817). **2017**, 12, e0178139 2
- 993 Discovery of a new hypotrich ciliate from petroleum contaminated soil. **2017**, 12, e0178657 16
- 992 First fossil of an oestroid fly (Diptera: Calyptratae: Oestroidea) and the dating of oestroid divergences. **2017**, 12, e0182101 26
- 991 High prevalence and diversity of HIV-1 non-B genetic forms due to immigration in southern Spain: A phylogeographic approach. **2017**, 12, e0186928 5
- 990 A continuous morphological approach to study the evolution of pollen in a phylogenetic context: An example with the order Myrtales. **2017**, 12, e0187228 19
- 989 Independent degradation in genes of the plastid *ndh* gene family in species of the orchid genus *Cymbidium* (Orchidaceae; Epidendroideae). **2017**, 12, e0187318 18
- 988 Molecular detection of tick-borne pathogens in cattle from Southwestern Ethiopia. **2017**, 12, e0188248 42
- 987 Systematics of the genus *Zinaida* Evans, 1937 (Hesperiidae: Hesperinae: Baorini). **2017**, 12, e0188883 3
- 986 Phylogeny and biogeography of *Artemisia* subgenus *Seriphidium* (Asteraceae: Anthemideae). **2017**, 66, 934-952 11
- 985 Demystifying the *Capitella capitata* complex (Annelida, Capitellidae) diversity by morphological and molecular data along the Brazilian coast. **2017**, 12, e0177760 15
- 984 Do ampharetids take sedimented steps between vents and seeps? Phylogeny and habitat-use of Ampharetidae (Annelida, Terebelliformia) in chemosynthesis-based ecosystems. **2017**, 17, 222 9
- 983 Hostplant change and paleoclimatic events explain diversification shifts in skipper butterflies (Family: Hesperidae). **2017**, 17, 174 33
- 982 From ground pools to treeholes: convergent evolution of habitat and phenotype in *Aedes* mosquitoes. **2017**, 17, 262 21
- 981 The role of isolation on contrasting phylogeographic patterns in two cave crustaceans. **2017**, 17, 247 17

980	Identification of a homogenous structural basis for oligomerization by retroviral Rev-like proteins. <b>2017</b> , 14, 40	5
979	emergence of SINE retroposons during the early evolution of passerine birds. <b>2017</b> , 8, 21	10
978	The genomic study of an environmental isolate of shows its metabolic potential to degrade hydrocarbons. <b>2017</b> , 12, 71	18
977	Indigenous house mice dominate small mammal communities in northern Afghan military bases. <b>2017</b> , 2,	2
976	New records and description of two new species of carideans shrimps from Bah� Santa Mar�-La Reforma lagoon, Gulf of California, Mexico (Crustacea, Caridea, Alpheidae and Processidae). <b>2017</b> , 131-153	5
975	Parallel Miocene-dominated diversification of the lichen-forming fungal genus <i>Oropogon</i> (Ascomycota: Parmeliaceae) in different continents. <b>2017</b> , 66, 1269-1281	4
974	sp. nov., A Novel Helminthosporoid Species Causing Foliage Blight of the Garden Plant in Brazil. <b>2017</b> , 45, 123-128	1
973	(Selaginellaceae): A new spikemoss species from southern China and northern Vietnam around the Gulf of Tonkin. <b>2017</b> , 41-52	3
972	Species-level phylogenetic analysis in the <i>Relhania</i> clade of <i>Everlastings</i> and a new generic treatment of species previously assigned to <i>Macowania</i> and <i>Arrowsmithia</i> (Asteraceae: Gnaphalieae). <b>2017</b> , 66, 1421-1438	3
971	sp. n. (Hirudinida, Glossiphoniidae) a new species inhabiting Montezuma Well, Arizona, USA. <b>2017</b> , 137-155	5
970	Phylogenetic analyses place the monotypic within Lomariopsidaceae. <b>2017</b> , 83-107	8
969	Complete mitochondrial genomes from two species of Chinese freshwater crabs of the genus recovered using next-generation sequencing reveal a novel gene order (Brachyura, Potamidae). <b>2017</b> , 41-60	12
968	Evolution of genes associated with gynoecium patterning and fruit development in Solanaceae. <b>2018</b> , 121, 1211-1230	17
967	A contribution to the phylogeny and taxonomy of the <i>Pachydactylus weberi</i> group (Squamata: Gekkonidae): a case of intraspecific colour polymorphism confounding taxonomy. <b>2018</b> , 67, 113-126	2
966	Molecular phylogenetics and species limits in a cryptically coloured radiation of Australo-Papuan passerine birds (Pachycephalidae: Colluricincla). <b>2018</b> , 124, 100-105	14
965	Phylogeography of the Macaronesian Lettuce Species <i>Lactuca watsoniana</i> and <i>L. palmensis</i> (Asteraceae). <b>2018</b> , 56, 315-340	5
964	Evolutionary history of ergot with a new infrageneric classification (Hypocreales: Clavicipitaceae: Claviceps). <b>2018</b> , 123, 73-87	27
963	Habitat-driven diversification, hybridization and cryptic diversity in the Fork-tailed Drongo (Passeriformes: Dicruridae: <i>Dicurus adsimilis</i> ). <b>2018</b> , 47, 266-284	5

962	Hybridization in brushfinches ( <i>Atlapetes</i> , Emberizidae) from the southeast Andes of Colombia: a consequence of habitat disturbance?. <b>2018</b> , 159, 713-722	2
961	Insights into the karyotype evolution and speciation of the beetle <i>Euchroma gigantea</i> (Coleoptera: Buprestidae). <b>2018</b> , 26, 163-178	7
960	Large-scale phylogenetic analyses provide insights into unrecognized diversity and historical biogeography of Asian leaf-litter frogs, genus <i>Leptotalax</i> (Anura: Megophryidae). <b>2018</b> , 124, 162-171	49
959	Palaeocene origin of the Neotropical lineage of cleptoparasitic bees Ericrocidini-Rhathymini (Hymenoptera, Apidae). <b>2018</b> , 43, 510-521	6
958	Bloodlines: mammals, leeches, and conservation in southern Asia. <b>2018</b> , 16, 488-496	29
957	Profound genetic divergence and asymmetric parental genome contributions as hallmarks of hybrid speciation in polyploid toads. <b>2018</b> , 285,	9
956	Genome-reconstruction for eukaryotes from complex natural microbial communities. <b>2018</b> , 28, 569-580	71
955	Vacuolar Protein Sorting 26C encodes an evolutionarily conserved large retromer subunit in eukaryotes that is important for root hair growth in <i>Arabidopsis thaliana</i> . <b>2018</b> , 94, 595-611	9
954	Mitochondrial phylogeny, divergence history and high-altitude adaptation of grassland caterpillars (Lepidoptera: Lymantriinae: <i>Gynaephora</i> ) inhabiting the Tibetan Plateau. <b>2018</b> , 122, 116-124	21
953	Unifying the global phylogeny and environmental distribution of ammonia-oxidising archaea based on <i>amoA</i> genes. <b>2018</b> , 9, 1517	131
952	Extensive molecular tinkering in the evolution of the membrane attachment mode of the Rheb GTPase. <b>2018</b> , 8, 5239	7
951	Taxonomy, phylogeny, and divergence time estimation for <i>Apiosphaeria guaranitica</i> , a Neotropical parasite on bignoniaceous hosts. <b>2018</b> , 110, 526-545	4
950	Resolving the psyllid tree of life: phylogenomic analyses of the superfamily Psylloidea (Hemiptera). <b>2018</b> , 43, 762-776	38
949	Molecular phylogenetics of the genus <i>Costularia</i> (Schoeneae, Cyperaceae) reveals multiple distinct evolutionary lineages. <b>2018</b> , 126, 196-209	12
948	Trait and phylogenetic diversity provide insights into community assembly of reef-associated shrimps (Palaemonidae) at different spatial scales across the Chagos Archipelago. <b>2018</b> , 8, 4098-4107	3
947	Characterization and Pathogenicity of Botryosphaeriaceae Fungi Associated with Declining Urban Stands of Coast Redwood in California. <b>2018</b> , 102, 1950-1957	9
946	Genomic analyses identify multiple Asian origins and deeply diverged mitochondrial clades in inbred brown rats ( <i>Rattus norvegicus</i> ). <b>2018</b> , 11, 718-726	8
945	Rhizarian 'Novel Clade 10' Revealed as Abundant and Diverse Planktonic and Terrestrial Flagellates, including <i>Aquavolon</i> n. gen. <b>2018</b> , 65, 828-842	14

944	Genetic structure and environmental niche modeling confirm two evolutionary and conservation units within the western spadefoot ( <i>Spea hammondi</i> ). <b>2018</b> , 19, 937-946	10
943	What explains high plant richness in East Asia? Time and diversification in the tribe Lysimachieae (Primulaceae). <b>2018</b> , 219, 436-448	18
942	Survival in northern microrefugia in an endemic Carpathian gammarid (Crustacea: Amphipoda). <b>2018</b> , 47, 357-372	10
941	Molecular phylogeny and comparative morphology indicate that odontostomatids (Alveolata, Ciliophora) form a distinct class-level taxon related to Armophorea. <b>2018</b> , 126, 382-389	10
940	Phylogenetic uniqueness, not latitude, explains the diversity of avian blood parasite communities worldwide. <b>2018</b> , 27, 744-755	31
939	New <i>Penicillium</i> and <i>Talaromyces</i> species from honey, pollen and nests of stingless bees. <b>2018</b> , 111, 1883-1912	35
938	Inferring spatial patterns and drivers of population divergence of <i>Neolitsea sericea</i> (Lauraceae), based on molecular phylogeography and landscape genomics. <b>2018</b> , 126, 162-172	9
937	Morphological and molecular taxonomy of <i>Jahnula dianchia</i> sp. nov. (Jahnulales) from submerged wood in Dianchi Lake, Yunnan China. <b>2018</b> , 17, 547-555	8
936	Antibacterial potential of secondary metabolites produced by <i>Aspergillus</i> sp., an endophyte of <i>Mitrephora wangii</i> . <b>2018</b> , 200, 951-959	6
935	<i>Halioticida noduliformans</i> infection in eggs of lobster ( <i>Homarus gammarus</i> ) reveals its generalist parasitic strategy in marine invertebrates. <b>2018</b> , 154, 109-116	9
934	Group-specific environmental sequencing reveals high levels of ecological heterogeneity across the microsporidian radiation. <b>2018</b> , 10, 328-336	23
933	Revision of Corallinaceae (Corallinales, Rhodophyta): recognizing <i>Dawsoniolithon</i> gen. nov., <i>Parvicellularium</i> gen. nov. and Chamberlainoideae subfam. nov. containing <i>Chamberlainium</i> gen. nov. and <i>Pneophyllum</i> . <b>2018</b> , 54, 391-409	44
932	Brassicales phylogeny inferred from 72 plastid genes: A reanalysis of the phylogenetic localization of two paleopolyploid events and origin of novel chemical defenses. <b>2018</b> , 105, 463-469	39
931	Future warming and acidification result in multiple ecological impacts to a temperate coralline alga. <b>2018</b> , 20, 2769-2782	15
930	DNA data and morphology suggest an occurrence of <i>Dendrolimus sibiricus</i> Tschetverikov, 1908 (Lepidoptera: Lasiocampidae) instead of <i>D. superans</i> Butler, 1877, in South Korea. <b>2018</b> , 48, 108-121	3
929	First interception of <i>Bemisia tabaci</i> Mediterranean (Q biotype) in Serbia. <b>2018</b> , 142, 627-631	2
928	First Record of <i>Selenops submaculosus</i> Bryant (Araneae, Selenopidae; a flattie spider) from Louisiana. <b>2018</b> , 17, N10-N14	
927	Molecular phylogeny of <i>Galium</i> L. of the tribe Rubieae (Rubiaceae) - Emphasis on Chinese species and recognition of a new genus <i>Pseudogalium</i> . <b>2018</b> , 126, 221-232	6

926	New records of the rare North American endemic <i>Chara brittonii</i> (Characeae), with comments on its distribution. <b>2018</b> , 70, 277-288	2
925	Morphological, ontogenetic and molecular data support strongylidiids as being closely related to Dorsomarginalia (Protozoa, Ciliophora) and reactivation of the family Strongylidiidae Fauré-Fremiet, 1961. <b>2018</b> , 184, 237-254	32
924	Multiple shifts to open habitats in Melastomateae (Melastomataceae) congruent with the increase of African Neogene climatic aridity. <b>2018</b> , 45, 1420-1431	29
923	Evolutionary history of HOMEODOMAIN LEUCINE ZIPPER transcription factors during plant transition to land. <b>2018</b> , 219, 408-421	17
922	Molecular phylogenetics of the predatory lineage of flower flies <i>Eupeodes-Scaeva</i> (Diptera: Syrphidae), with the description of the Neotropical genus <i>Austroscaeva</i> gen. nov.. <b>2018</b> , 56, 148-169	8
921	Phoretic or not? Phylogeography of the pseudoscorpion <i>Chernes hahnii</i> (Pseudoscorpiones: Chernetidae). <b>2018</b> , 46, 104-113	4
920	Revision of the taxonomic status of the genus <i>Gloeoporus</i> (Polyporales, Basidiomycota) reveals two new species. <b>2018</b> , 17, 855-863	6
919	Chloroplast genomes of <i>Byrsonima</i> species (Malpighiaceae): comparative analysis and screening of high divergence sequences. <b>2018</b> , 8, 2210	63
918	Grass diversification in Madagascar: In situ radiation of two large C3 shade clades and support for a Miocene to Pliocene origin of C4 grassy biomes. <b>2018</b> , 45, 750-761	30
917	High diversity, high insular endemism and recent origin in the lichen genus <i>Sticta</i> (lichenized Ascomycota, Peltigerales) in Madagascar and the Mascarenes. <b>2018</b> , 122, 15-28	19
916	Atlantic forests to the all Americas: Biogeographical history and divergence times of Neotropical <i>Ficus</i> (Moraceae). <b>2018</b> , 122, 46-58	17
915	Molecular phylogeny of Neotropical rock frogs reveals a long history of vicariant diversification in the Atlantic forest. <b>2018</b> , 122, 142-156	22
914	<i>Microphallus ochotensis</i> sp. nov. (Digenea, Microphallidae) and relative merits of two-host microphallid life cycles. <b>2018</b> , 117, 1051-1068	7
913	Twelve new species of <i>Cyrtodactylus</i> Gray (Squamata: Gekkonidae) from isolated limestone habitats in east-central and southern Myanmar demonstrate high localized diversity and unprecedented microendemism. <b>2018</b> , 182, 862-959	55
912	Spiny trapdoor spiders ( <i>Euoplos</i> ) of eastern Australia: Broadly sympatric clades are differentiated by burrow architecture and male morphology. <b>2018</b> , 122, 157-165	11
911	Evolution of <i>Hypolimnas</i> butterflies (Nymphalidae): Out-of-Africa origin and <i>Wolbachia</i> -mediated introgression. <b>2018</b> , 123, 50-58	18
910	An ant genus-group ( <i>Prenolepis</i> ) illuminates the biogeography and drivers of insect diversification in the Indo-Pacific. <b>2018</b> , 123, 16-25	12
909	Phylogenetic relationships and cryptic species diversity in the Brazilian egg-brooding tree frog, genus <i>Fritziana</i> Mello-Leitão 1937 (Anura: Hemiphractidae). <b>2018</b> , 123, 59-72	13

908	Incipient speciation in a neotropical Gesneriaceae: <i>Columnea kucyniakii</i> is nested within <i>C. strigosa</i> . <b>2018</b> , 304, 511-519	4
907	Phylogenomic reclassification of the world's most venomous spiders (Mygalomorphae, Atracinae), with implications for venom evolution. <b>2018</b> , 8, 1636	34
906	Tracking the diversity of the flatworm genus <i>Imbira</i> (Platyhelminthes) in the Atlantic Forest. <b>2018</b> , 18, 87-99	4
905	Patterns of diversity, endemism and specialization in the root symbiont communities of alder species on the island of Corsica. <b>2018</b> , 219, 336-349	6
904	Population structure of <i>Ailanthus altissima</i> (Simaroubaceae): The role of land-use history and management. <b>2018</b> , 145, 55-68	3
903	Evolutionary history of the angiosperm flora of China. <b>2018</b> , 554, 234-238	176
902	A Revision of <i>Philander</i> (Marsupialia: Didelphidae), Part 1: <i>P. quica</i> , <i>P. canus</i> , and a New Species from Amazonia. <b>2018</b> , 3891, 1-70	32
901	Renal trematode infection in wild birds: histopathological, morphological, and molecular aspects. <b>2018</b> , 117, 883-891	2
900	How sea level change mediates genetic divergence in coastal species across regions with varying tectonic and sediment processes. <b>2018</b> , 27, 994-1011	12
899	Early burst in body size evolution is uncoupled from species diversification in diving beetles (Dytiscidae). <b>2018</b> , 27, 979-993	15
898	Environmental Sequencing Fills the Gap Between Parasitic Haplosporidians and Free-living Giant Amoebae. <b>2018</b> , 65, 574	16
897	A case of biodiversity overestimation in the Balkan <i>Belgrandiella</i> A. J. Wagner, 1927 (Caenogastropoda: Hydrobiidae): molecular divergence not paralleled by high morphological variation. <b>2018</b> , 52, 323-344	13
896	Molecular Phylogenetic Positions and Ultrastructure of Marine Gregarines (Apicomplexa) <i>Cuspidella ishikariensis</i> n. gen., n. sp. and <i>Loxomorpha</i> cf. <i>harmothoe</i> from Western Pacific scaleworms (Polynoidae). <b>2018</b> , 65, 637-647	3
895	Morphological and molecular taxonomy of novel species Pleurotheciaceae from freshwater habitats in Yunnan, China. <b>2018</b> , 17, 511-530	15
894	Expansion of the concept of the Opistholebetinae Fukui, 1929 (Digenea: Opecoelidae Ozaki, 1925), with <i>Magnosimum brooksae</i> n. g., n. sp. from <i>Tripodichthys angustifrons</i> (Hollard) (Tetraodontiformes: Triacanthidae) in Moreton Bay, Australia. <b>2018</b> , 95, 121-132	11
893	New insights into the molecular phylogeny of the swimming crabs of the genera <i>Portunus</i> Weber, 1795 and <i>Achelous</i> De Haan, 1833 (Brachyura: Portunidae) of the Americas. <b>2018</b> , 38, 190-197	6
892	Herbarium specimens show patterns of fruiting phenology in native and invasive plant species across New England. <b>2018</b> , 105, 31-41	19
891	Digeneans of northern fur seals <i>Callorhinus ursinus</i> (Pinnipedia: Otariidae) from five subpopulations on St. Paul Island, Alaska. <b>2018</b> , 117, 1079-1086	11

890	Two species of <i>Phyllodistomum</i> Braun, 1899 (Trematoda: Gorgoderidae) from Moreton Bay, Australia. <b>2018</b> , 95, 325-336	5
889	Molecular phylogeny and revision of the false violin spiders (Araneae: Drymusidae) of Africa. <b>2018</b> , 183, 390-430	2
888	Muscular evolution of hemipenis in Imantodini snakes (Squamata: Dipsadidae). <b>2018</b> , 183, 966-980	
887	Chloroplast genomic resources for phylogeny and DNA barcoding: a case study on <i>Fritillaria</i> . <b>2018</b> , 8, 1184	62
886	Production of the bioactive pigment elsinochrome A by a cultured mycobiont strain of the lichen <i>Graphis elongata</i> . <b>2018</b> , 17, 479-487	3
885	Cryptic diversity and molecular systematics of the Aegean <i>Ophiomorus</i> skinks (Reptilia: Squamata), with the description of a new species. <b>2018</b> , 56, 364-381	14
884	Further insights into the highly derived haptorids (Ciliophora, Litostomatea): Phylogeny based on multigene data. <b>2018</b> , 47, 231-242	25
883	Phylogenetics and geography of speciation in New World <i>Halichoeres</i> wrasses. <b>2018</b> , 121, 35-45	11
882	Cryptic lineage differentiation among Indo-Pacific bottlenose dolphins ( <i>Tursiops aduncus</i> ) in the northwest Indian Ocean. <b>2018</b> , 122, 1-14	12
881	Retrieval of a million high-quality, full-length microbial 16S and 18S rRNA gene sequences without primer bias. <b>2018</b> , 36, 190-195	105
880	Multi-gene phylogenetic analyses reveals <i>Neohelicosporium</i> gen. nov. and five new species of helicosporous hyphomycetes from aquatic habitats. <b>2018</b> , 17, 631-646	14
879	A phylogenomic analysis of lichen-feeding tiger moths uncovers evolutionary origins of host chemical sequestration. <b>2018</b> , 121, 23-34	7
878	Trait-specific processes of convergence and conservatism shape ecomorphological evolution in ground-dwelling squirrels. <b>2018</b> , 72, 473-489	14
877	Molecular phylogeny and higher systematics of the metalmark butterflies (Lepidoptera: Riodinidae). <b>2018</b> , 43, 407-425	24
876	Tracing the introduction history of the invasive swimming crab <i>Charybdis hellerii</i> (A. Milne-Edwards, 1867) in the Western Atlantic: evidences of high genetic diversity and multiple introductions. <b>2018</b> , 20, 1771-1798	10
875	Towards a natural classification and backbone tree for Graphostromataceae, Hypoxylaceae, Lopadostomataceae and Xylariaceae. <b>2018</b> , 88, 1-165	58
874	Molecular phylogeny of Macrosiphini (Hemiptera: Aphididae): An evolutionary hypothesis for the Pterocomma-group habitat adaptation. <b>2018</b> , 121, 12-22	11
873	Redescription of <i>Tintinnopsis everta</i> Kofoid and Campbell 1929 (Alveolata, Ciliophora, Tintinnina) Based on Taxonomic and Genetic Analyses-Discovery of a New Complex Ciliary Pattern. <b>2018</b> , 65, 484-504	10



872	Multigene-based phylogeny of Urostylida (Ciliophora, Hypotrichia), with establishment of a novel family. <b>2018</b> , 47, 243-254	39
871	Billbug (Coleoptera: Dryophthoridae: Sphenophorus spp.) Seasonal Biology and DNA-Based Life Stage Association in Indiana Turfgrass. <b>2018</b> , 111, 304-313	5
870	Morphological and Molecular Redefinition of Euplotes platystoma Dragesco & Dragesco-Kern, 1986 and Aspidisca lynceus (Müller, 1773) Ehrenberg, 1859, with Reconsideration of a "Well-known" Euplotes Ciliate, Euplotes harpa Stein, 1859 (Ciliophora, Euplotida). <b>2018</b> , 65, 531-543	11
869	Long-distance dispersal or postglacial contraction? Insights into disjunction between Himalaya-Hengduan Mountains and Taiwan in a cold-adapted herbaceous genus. <b>2018</b> , 8, 1131-1146	12
868	Otidea species from China, three new species with comments on some previously described species. <b>2018</b> , 17, 77-88	1
867	Taxonomic status of some geofrutex members of Vanguerieae (Rubiaceae): notes on Eriosemopsis and Pygmaeothamnus and the description of a new genus Bridsonia. <b>2018</b> , 186, 47-65	2
866	Taxonomic review of the genus Cyclopes Gray, 1821 (Xenarthra: Pilosa), with the revalidation and description of new species. <b>2018</b> , 183, 687-721	18
865	Molecular phylogenetics and piercer evolution in the bug-killing flies (Diptera: Tachinidae: Phasiinae). <b>2018</b> , 43, 218-238	13
864	Systematics, ecomorphology, cryptic speciation and biogeography of the lizard genus Tytthoscincus Linkem, Diesmos & Brown (Squamata: Scincidae) from the sky-island archipelago of Peninsular Malaysia. <b>2018</b> , 183, 635-671	9
863	A New Molecular Approach Based on the Secondary Structure of Ribosomal RNA for Phylogenetic Analysis of Mobilid Ciliates. <b>2018</b> , 75, 296-304	3
862	Phylogenetic relationships among Ananas and related taxa (Bromelioideae, Bromeliaceae) based on nuclear, plastid and AFLP data. <b>2018</b> , 304, 841-851	5
861	Species delimitation and sex associations in the bee genus Thygater, with the aid of molecular data, and the description of a new species. <b>2018</b> , 49, 484-496	2
860	A new phylogeny-based tribal classification of subfamily Detarioideae, an early branching clade of florally diverse tropical arborescent legumes. <b>2018</b> , 8, 6884	25
859	Factors driving metabolic diversity in the budding yeast subphylum. <b>2018</b> , 16, 26	15
858	Molecular phylogeny of the Nearctic and Mesoamerican freshwater mussel genus Megaloniais. <b>2018</b> , 811, 139-151	20
857	First insights on the biogeographical history of Phlegmariurus (Lycopodiaceae), with a focus on Madagascar. <b>2018</b> , 127, 488-501	11
856	A new species of Malenchus (Nematoda: Tylenchomorpha) with an updated phylogeny of the Tylenchidae. <b>2018</b> , 20, 815-836	7
855	The complete mitochondrial genome of the common vole, (Rodentia: Arvicolinae). <b>2018</b> , 3, 446-447	7

854	Incongruence in molecular species delimitation schemes: What to do when adding more data is difficult. <b>2018</b> , 27, 2397-2413	14
853	Try Tri again? Resolving species boundaries in the <i>Lomatium triternatum</i> (Apiaceae) complex. <b>2018</b> , 56, 218-230	4
852	The systematic position of <i>Microlejeunea ocellata</i> (Marchantiophyta: Lejeuneaceae), an extraordinary species endemic to Australia and New Zealand. <b>2018</b> , 121, 158	3
851	Expansion and systematics redefinition of the most threatened freshwater mussel family, the Margaritiferidae. <b>2018</b> , 127, 98-118	37
850	Diversity of the cyrtophorid genus <i>Chlamydodon</i> (Protista, Ciliophora): its systematics and geographic distribution, with taxonomic descriptions of three species. <b>2018</b> , 16, 497-511	5
849	A traditional evolutionary history of foot-and-mouth disease viruses in Southeast Asia challenged by analyses of non-structural protein coding sequences. <b>2018</b> , 8, 6472	19
848	Phylogenetics of Merkel-cell polyomavirus and human polyomavirus 6: A long-term history with humans. <b>2018</b> , 126, 210-220	8
847	Reconstructing the phylogenetic history of the tribe Leucocoryneae (Allioideae): Reticulate evolution and diversification in South America. <b>2018</b> , 127, 437-448	5
846	Species limits in the Rusty-breasted Antpitta ( <i>Grallaricula ferrugineipectus</i> ) complex. <b>2018</b> , 130, 152	8
845	Host species, and not environment, predicts variation in blood parasite prevalence, distribution, and diversity along a humidity gradient in northern South America. <b>2018</b> , 8, 3800-3814	30
844	The phylogenetic position of <i>Choerodonicola</i> Cribb, 2005 (Digenea: Opcoelidae) with a partial life-cycle for a new species from the blue-barred parrotfish <i>Scarus ghobban</i> Forssk (Scaridae) in Moreton Bay, Australia. <b>2018</b> , 95, 337-352	8
843	Historical biogeography of Loranthaceae (Santalales): Diversification agrees with emergence of tropical forests and radiation of songbirds. <b>2018</b> , 124, 199-212	28
842	Phylogenetic analysis of trophic niche evolution reveals a latitudinal herbivory gradient in Clupeoidei (herrings, anchovies, and allies). <b>2018</b> , 124, 151-161	26
841	Phylogenetic relationships of the Australasian open-holed trapdoor spiders (Araneae: Mygalomorphae: Nemesiidae: Anaminae): multi-locus molecular analyses resolve the generic classification of a highly diverse fauna. <b>2018</b> , 184, 407-452	21
840	Thyridariella, a novel marine fungal genus from India: morphological characterization and phylogeny inferred from multigene DNA sequence analyses. <b>2018</b> , 17, 791-804	25
839	The first complete chloroplast genome of a critically endangered medicinal plant in China. <b>2018</b> , 3, 370-372	3
838	Survey, Identification, and Characterization of <i>Cylindrocarpon</i> -Like Asexual Morphs in Spanish Forest Nurseries. <b>2018</b> , 102, 2083-2100	7
837	The comparative phylogeography of shore crabs and their acanthocephalan parasites. <b>2018</b> , 165, 1	5

836	Morphology and multigene phylogeny reveal new genus and species of Torulaceae from freshwater habitats in northwestern Yunnan, China. <b>2018</b> , 17, 531-545	13
835	Phylogenetic systematics, morphological evolution, and natural groups in neotropical Phlegmariurus (Lycopodiaceae). <b>2018</b> , 125, 1-13	11
834	Photobiont switching causes changes in the reproduction strategy and phenotypic dimorphism in the Arthoniomycetes. <b>2018</b> , 8, 4952	30
833	Two new species of the <i>Fusarium solani</i> species complex isolated from compost and hibiscus ( <i>Hibiscus</i> sp.). <b>2018</b> , 111, 1785-1805	12
832	Preliminary assessment of community composition and phylogeographic relationships of the birds of the Meratus Mountains, south-east borneo, Indonesia. <b>2018</b> , 138, 45-66	5
831	Phylogenetic evidence for an ancestral coevolution between a major clade of coccidian parasites and elasmobranch hosts. <b>2018</b> , 95, 367-371	7
830	Prioritizing the orchids of a biodiversity hotspot for conservation based on phylogenetic history and extinction risk. <b>2018</b> , 186, 473-497	14
829	Early insularity and subsequent mountain uplift were complementary drivers of diversification in a Melanesian lizard radiation (Gekkonidae: <i>Cyrtodactylus</i> ). <b>2018</b> , 125, 29-39	20
828	High-throughput sequencing data clarify evolutionary relationships among North American <i>Vitis</i> species and improve identification in USDA <i>Vitis</i> germplasm collections. <b>2018</b> , 105, 215-226	20
827	Molecular confirmation of the occurrence of <i>Elysia</i> cf. <i>tomentosa</i> (Mollusca: Heterobranchia) in the Persian Gulf. <b>2018</b> , 64, 124-130	2
826	Bat Systematics in the Light of Unconstrained Analyses of a Comprehensive Molecular Supermatrix. <b>2018</b> , 25, 37-70	67
825	A new stem bythinine in Cretaceous Burmese amber and early evolution of specialized predatory behaviour in pselaphine rove beetles (Coleoptera: Staphylinidae). <b>2018</b> , 16, 531-541	10
824	Expression of juvenile hormone acid O-methyltransferase and juvenile hormone synthesis in <i>Blattella germanica</i> . <b>2018</b> , 25, 787-796	13
823	Morphological and molecular characterizations of <i>Africanema multipapillatum</i> sp. nov. (Nematoda, Enoplida) in intertidal sediment from the East China Sea. <b>2018</b> , 48, 281-288	2
822	Species trees, temporal divergence and historical biogeography of coastal rove beetles (Coleoptera: Staphylinidae) reveal their early Miocene origin and show that most divergence events occurred in the early Pliocene along the Pacific coasts. <b>2018</b> , 34, 313-332	16
821	Geographic variation in the spotted-wing drosophila, <i>Drosophila sukuzii</i> (Diptera: Drosophilidae), based on mitochondrial DNA sequences. <b>2018</b> , 29, 312-322	7
820	<i>Mycoceros antennatissimus</i> gen. et sp. nov.: a mitosporic fungus capturing pollen grains. <b>2018</b> , 17, 33-43	3
819	Optimal data partitioning, multispecies coalescent and Bayesian concordance analyses resolve early divergences of the grape family (Vitaceae). <b>2018</b> , 34, 57-77	20

818	Phylogeny, host association and biogeographical patterns in the diverse millipede-parasitoid genus <i>Myriophora</i> Brown (Diptera: Phoridae). <b>2018</b> , 34, 93-112	3
817	Phylogeny and systematics of Aphroditiformia. <b>2018</b> , 34, 225-259	27
816	Hidden biodiversity: total evidence phylogenetics and evolution of morphological traits in a highly diverse lineage of endogean ground beetles, <i>Typhlocharis</i> Dieck, 1869 (Carabidae, Trechinae, Anillini). <b>2018</b> , 34, 359-383	1
815	Morphology and Phylogeny of Two Novel Ciliates, <i>Arcanisutura chongmingensis</i> n. gen., n. sp. and <i>Naxella paralucida</i> n. sp. from Shanghai, China. <b>2018</b> , 65, 48-60	4
814	Multigene phylogeny reveals two new isolated and relic earthworm genera (Oligochaeta: Lumbricidae). <b>2018</b> , 182, 258-274	6
813	The origin of king crabs: hermit crab ancestry under the magnifying glass. <b>2018</b> , 182, 300-318	14
812	Evolution of salinity tolerance in the diving beetle tribe Hygrotini (Coleoptera, Dytiscidae). <b>2018</b> , 47, 63-71	11
811	Pollen limitation, reproductive success and flowering frequency in single-flowered plants. <b>2018</b> , 106, 19-30	5
810	End of an enigma: <i>Aenigmopteris</i> belongs in <i>Tectaria</i> (Tectariaceae: Polypodiopsida). <b>2018</b> , 131, 67-76	4
809	The complete chloroplast genome of <i>Caryopteris mongholica</i> and phylogenetic implications in Lamiaceae. <b>2018</b> , 10, 281-285	4
808	The revenant: rediscovery of <i>Margaritifera homsensis</i> from Orontes drainage with remarks on its taxonomic status and conservation (Bivalvia: Margaritiferidae). <b>2018</b> , 16, 69-80	8
807	Molecular and morphological data reveal non-monophyly and speciation in imperiled freshwater mussels ( <i>Anodontoides</i> and <i>Strophitus</i> ). <b>2018</b> , 119, 50-62	27
806	Impact of tree priors in species delimitation and phylogenetics of the genus <i>Oligoryzomys</i> (Rodentia: Cricetidae). <b>2018</b> , 119, 1-12	13
805	Characterization of the complete chloroplast genome of <i>Gymnocarpos przewalskii</i> , an endangered species in China and Mongolia. <b>2018</b> , 10, 717-721	1
804	Torymidae (Hymenoptera, Chalcidoidea) revised: molecular phylogeny, circumscription and reclassification of the family with discussion of its biogeography and evolution of life-history traits. <b>2018</b> , 34, 627-651	27
803	Integrating phylogenomic and population genomic patterns in avian lice provides a more complete picture of parasite evolution. <b>2018</b> , 72, 95-112	16
802	Phylogenetic species delimitation unravels a new species in the genus <i>Sclerorhachis</i> (Rech.f.) Rech.f. (Compositae, Anthemideae). <b>2018</b> , 304, 185-203	4
801	Molecular phylogenetics of dinophytes harboring diatoms as endosymbionts (Kryptoperidiniaceae, Peridinales), with evolutionary interpretations and a focus on the identity of <i>Durinskia oculata</i> from Prague. <b>2018</b> , 118, 392-402	19

800	A total-evidence phylogeny of the lady fern genus <i>Athyrium</i> Roth (Athuriaceae) with a new infrageneric classification. <b>2018</b> , 119, 25-36	10
799	Evaluating methods for phylogenomic analyses, and a new phylogeny for a major frog clade (Hylaidea) based on 2214 loci. <b>2018</b> , 119, 128-143	44
798	Phylogenomics and evolution of floral traits in the Neotropical tribe Malmeeae (Annonaceae). <b>2018</b> , 118, 379-391	9
797	Molecular phylogeny of <i>Candidula</i> (Geomitridae) land snails inferred from mitochondrial and nuclear markers reveals the polyphyly of the genus. <b>2018</b> , 118, 357-368	9
796	Pinniped Diphyly and Bat Triphyly: More Homology Errors Drive Conflicts in the Mammalian Tree. <b>2018</b> , 109, 297-307	9
795	Phylogeny and systematics of the brake fern genus <i>Pteris</i> (Pteridaceae) based on molecular (plastid and nuclear) and morphological evidence. <b>2018</b> , 118, 265-285	14
794	Reticulate Pleistocene evolution of Ethiopian rodent genus along remarkable altitudinal gradient. <b>2018</b> , 118, 75-87	30
793	Data_Sheet_7.FASTA. <b>2019</b> ,	
792	Data_Sheet_8.FASTA. <b>2019</b> ,	
791	Data_Sheet_9.FASTA. <b>2019</b> ,	
790	Table_1.XLSX. <b>2019</b> ,	
789	Table_2.XLSX. <b>2019</b> ,	
788	Data_Sheet_1.docx. <b>2019</b> ,	
787	Image_1.tif. <b>2018</b> ,	
786	Image_2.tif. <b>2018</b> ,	
785	Image_3.tif. <b>2018</b> ,	
784	Image_4.tif. <b>2018</b> ,	
783	Image_5.tif. <b>2018</b> ,	

782 Image\_6.tif. **2018,**

781 Image\_7.tif. **2018,**

780 Image\_8.tif. **2018,**

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

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

777 Table\_3.docx. **2018,**

776 Table\_4.docx. **2018,**

775 Table\_5.docx. **2018,**

774 Table\_6.docx. **2018,**

773 Table\_7.docx. **2018,**

772 Table\_8.docx. **2018,**

771 Table\_1.DOCX. **2018,**

770 Table\_2.DOCX. **2018,**

769 Table\_3.DOCX. **2018,**

768 Table\_1.doc. **2020,**

767 Table\_2.doc. **2020,**

766 DataSheet\_1.docx. **2019,**

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

764 Image\_1.TIF. 2019,

763 Image\_2.TIF. 2019,

762 Table\_1.XLSX. 2019,

761 Table\_2.DOCX. 2019,

760 Data\_Sheet\_1.pdf. 2020,

759 Data\_Sheet\_1.DOCX. 2018,

758 Image\_1.tif. 2018,

757 Table\_1.xlsx. 2018,

756 Table\_2.xlsx. 2018,

755 Data\_Sheet\_1.xlsx. 2019,

754 Table\_1.docx. 2019,

753 Image\_1.TIF. 2019,

752 Image\_10.TIF. 2019,

751 Image\_11.TIF. 2019,

750 Image\_12.TIF. 2019,

749 Image\_13.TIF. 2019,

748 Image\_14.tif. 2019,

747 Image\_2.TIF. 2019,

746 Image\_3.TIF. 2019,

745 Image\_4.TIF. 2019,

744 Image\_5.TIF. 2019,

743 Image\_6.TIF. 2019,

742 Image\_7.TIF. 2019,

741 Image\_8.TIF. 2019,

740 Image\_9.TIF. 2019,

739 Table\_1.XLSX. 2019,

738 Table\_2.XLSX. 2019,

737 Table\_3.XLSX. 2019,

736 Image\_1.TIF. 2019,

735 Image\_2.TIFF. 2019,

734 Image\_3.pdf. 2019,

733 Table\_1.XLSX. 2019,

732 Table\_2.XLSX. 2019,

731 Table\_3.XLSX. 2019,

730 Table\_4.XLSX. 2019,

729 Data\_Sheet\_1.pdf. 2020,



728 Data\_Sheet\_2.xlsx. **2020**,

727 Data\_Sheet\_1.pdf. **2019**,

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

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

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

723 Table\_1.docx. **2019**,

722 Table\_2.docx. **2019**,

721 Table\_3.docx. **2019**,

720 Table\_4.docx. **2019**,

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

718 Table\_2.xlsx. **2019**,

717 Table\_3.DOCX. **2019**,

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

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

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

713 Data\_Sheet\_2.docx. **2020**,

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

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

710 Data\_Sheet\_1.zip. **2020**,

709 Image\_1.JPEG. **2019**,

708 Image\_2.JPEG. **2019**,

707 Image\_3.JPEG. **2019**,

706 Image\_4.JPEG. **2019**,

705 Image\_5.JPEG. **2019**,

704 Table\_1.xls. **2019**,

703 Table\_2.XLSX. **2019**,

702 Table\_3.XLSX. **2019**,

701 Table\_4.xlsx. **2019**,

700 Image\_1.pdf. **2018**,

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

698 Table\_1.xlsx. **2018**,

697 Table\_2.xlsx. **2018**,

696 Table\_3.XLSX. **2018**,

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

694 DataSheet\_1.fasta. **2019**,

693 Image\_1.tif. **2019**,

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

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

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

689 Image\_1.pdf. **2018**,

688 Image\_2.pdf. **2018**,

687 Image\_3.pdf. **2018**,

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

685 Table\_2.XLSX. **2018**,

684 Table\_3.docx. **2018**,

683 *Plesiochorus irwinorum* n. sp. (Trematoda: Gorgoderidae) from the urinary bladder of the hawksbill turtle, *Eretmochelys imbricata* (Testudines: Cheloniidae), off the east coast of Australia.. **2022**, 1

o

682 For all audiences: Incorporating immature stages into standardised spider inventories has a major impact on the assessment of biodiversity patterns.. **2022**,

o

681 Amoebic crab disease (ACD) in edible crab *Cancer pagurus* from the English Channel, United Kingdom.

680 OUP accepted manuscript.

679 A new species of (Digenea: Lepocreadiidae) from the stone triggerfish (Tetraodontiformes: Balistidae) in the South American Pacific Ocean.. **2022**, 96, e34

678 *Aspicilia nigromaculata* sp. nov. (Megasperaceae, Pertusariales, Ascomycota) from Azad Jammu and Kashmir, Pakistan, evidence from morphology and DNA sequencing data. **2022**, 46, 105-111

677 Species identification of introduced veronicellid slugs in Japan.. **2022**, 10, e13197

o

676 Pseudogenization of the rhizobium-responsive EXOPOLYSACCHARIDE RECEPTOR in *Parasponia* is a rare event in nodulating plants.. **2022**, 22, 225

o

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

2

674	Laetitia sardoa gen. & sp. nov., a new member of the Chlorellales (Trebouxiophyceae, Chlorophyta) isolated from Sardinia Island. 1-9	1
673	Grasses through space and time: an overview of the biogeographical and macroevolutionary history of Poaceae.	7
672	Chloroplast Genome of Salvia Sect. Drymosphace: Comparative and Phylogenetic Analysis. <b>2022</b> , 14, 324	1
671	Nuclear copies of mitochondrial DNA as a potential problem for phylogenetic and population genetic studies of Odonata.	0
670	Diversity and taxonomy of the fern genus Vandenboschia Copel. (Hymenophyllaceae, Polypodiidae) in the Afro-Malagasy region and description of a new species. 1-16	
669	Somewhere I belong: phylogeny and morphological evolution in a species-rich lineage of ectoparasitic flatworms infecting cichlid fishes.. <b>2022</b> ,	2
668	Spatio-temporal evolution of the catuaba clade in the Neotropics: Morphological shifts correlate with habitat transitions.	0
667	First record of Patagifer bilobus (Rudolphi, 1819) Dietz, 1909 (Digenea: Echinostomatidae), with a morphological and molecular characterization from two threskiornithid species in Mexico.. <b>2022</b> ,	0
666	Human-mediated eco-evolutionary processes of the herbivorous insect Hyalopterus arundiniformis during the Holocene.	
665	Diversity Patterns of Protists Are Highly Affected by Methods Disentangling Biological Variants: A Case Study in Oligotrich (s.l.) Ciliates. <b>2022</b> , 10, 913	0
664	Phylogeography of the Endangered Franciscana Dolphin: Timing and Geological Setting of the Evolution of Populations.	0
663	The numbers of fungi: contributions from traditional taxonomic studies and challenges of metabarcoding. 1	5
662	Characterization of the complete chloroplast genome of (Saxifragaceae).. <b>2022</b> , 7, 741-743	
661	Cruciferous weed isolates of Xanthomonas campestris yield insight into pathovar genomic relationships and genetic determinants of host- and tissue-specificity.. <b>2022</b> ,	
660	Molecular analysis of Lepidopleurus cajetanus (Poli, 1791) (Polyplacophora, Leptochitonidae) from the Mediterranean and near Atlantic. 1099, 29-40	
659	A phylogenetic survey of the ascomycete genus Arthrorhaphis (Arthrorhaphidaceae, Lecanoromycetes) including new species in Arthrorhaphis citrinella sensu lato.	
658	Integrative studies on the taxonomy and molecular phylogeny of four new Pleuronema species (Protozoa, Ciliophora, Scuticociliatia). 1	1
657	Siphoderina hustoni n. sp. (Platyhelminthes: Trematoda: Cryptogonimidae) from the Maori snapper Lutjanus rivulatus (Cuvier) on the Great Barrier Reef.. <b>2022</b> ,	0

- 656 New cyanobacterial genus *Argonema* is hiding in soil crusts around the world.. **2022**, 12, 7203 ○
- 655 Mitochondrial genetic diversity, phylogeography and historical demography of Moroccan native freshwater fishes: a case study of the genus *Luciobarbus* Heckel, 1843. 1
- 654 *Phytophthium chamaehyphon* causing corm and root rot of uncultivated taro (*Colocasia esculenta*).
- 653 Complete mitochondrial genome of *Asiagomphus coreanus* (Odonata: Gomphidae), which is endemic to South Korea.. **2022**, 7, 791-793
- 652 Coalescent-based species delimitation in North American pinyon pines using low-copy nuclear genes and plastomes.. **2022**, ○
- 651 Development of dim-light vision in the nocturnal coral reef fish family, Holocentridae. ○
- 650 The complete mitochondrial genome of (Cnidaria: Scleractinia) from the NEOM region of the Northern Red Sea.. **2022**, 7, 848-850
- 649 Avian Haemosporidian Diversity in South Texas: New Lineages and Variation in Prevalence between Sampling Sources and Sites. **2022**, 14, 378
- 648 Cryptic Diversity in *Paramecium multimicronucleatum* Revealed with a Polyphasic Approach. **2022**, 10, 974 2
- 647 Complete chloroplast genome of and its phylogenetic position in Plantaginaceae.. **2022**, 7, 819-821 1
- 646 Biogeography of endosymbionts (Symbiodiniaceae) associated with zoantharian species (Hexacorallia: Anthozoa) from the Macaronesia and Cape Verde ecoregions. 1
- 645 Phylogeography of *Colpomenia sinuosa* (Ectocarpales, Phaeophyceae) along the Brazilian coast.. **2022**,
- 644 Global phylogeny of the Shiitake mushroom and related *Lentinula* species uncovers novel diversity and suggests an origin in the Neotropics.. **2022**, 107494 ○
- 643 Phylogeography and evolutionary dynamism of marine gastropods from the Lord Howe Island Group. **2022**,
- 642 and : New pine-associated species from eastern North America.. **2022**, 1-12
- 641 Phloem wedges in Malpighiaceae: origin, structure, diversification, and systematic relevance.. **2022**, 13, 11 ○
- 640 Once more unto the breach, dear friends: Resolving the origins and relationships of the *Pellaea wrightiana* hybrid complex.. **2022**, 2
- 639 Uncovering overlooked diversity using molecular phylogenetic approach: a case of Japanese sphaeriid clams (*Sphaeriidae*: Bivalvia).. **2022**, 107508 ○

- 638 Species limits and introgression in *Pimelodus* from the Magdalena-Cauca River basin.. **2022**, 107517 ○
- 637 Biogeographical and Diversification Analyses of Indian Pseudoscorpions Reveal the Western Ghats as Museums of Ancient Biodiversity.. **2022**, 107495 1
- 636 Molecular data do not support the traditional morphology-based groupings in the scorpion family Buthidae (Arachnida: Scorpiones).. **2022**, 107511 ○
- 635 Ecological speciation by sympatric host shifts in a clade of herbivorous sea slugs, with introgression and localized mitochondrial capture between species.. **2022**, 107523 ○
- 634 Evolution and Biogeography of Freshwater Snails of the Genus *Bulinus* (Gastropoda) in Afromontane Extreme Environments. **2022**, 10, ○
- 633 Evolutionary history of the Australasian Scirtinae (Scirtidae; Coleoptera) inferred from ultraconserved elements. **2022**, 36, 291-305 ○
- 632 Molecular Evolution of Porcine Reproductive and Respiratory Syndrome Virus Field Strains from Two Swine Production Systems in the Midwestern United States from 2001 to 2020.. **2022**, e0263421 1
- 631 Big trees of small baskets: phylogeny of the Australian genus *Spyridium* (Rhamnaceae: Pomaderreae), focusing on biogeographic patterns and species circumscriptions. **2022**, 35, 95 ○
- 630 Integrative assessment of the transcriptome and virome of the poultry red mite *Dermanyssus gallinae*. ○
- 629 A molecular reconstruction of holarctic Heligmosomidae reveals a new species of *Heligmosomoides* (Nematoda: Heligmosomidae) in *Peromyscus maniculatus* (Neotominae) from Canada. **2022**, 20, 1-19 ○
- 628 Molecular phylogeny and morphology reveal two new graminicolous species, *Bipolaris adikaramae* sp. nov and *B. petchii* sp. nov., with new records of fungi from cultivated rice and weedy grass hosts. **2022**, 21, ○
- 627 Museum specimens of a landlocked pinniped reveal recent loss of genetic diversity and unexpected population connections. ○
- 626 Circumscription and typification of sphagnicolous omphalinoid species of *Arrhenia* (Hygrophoraceae) in Newfoundland and Labrador: three obligate and one facultative species. **2022**, 21, ○
- 625 Is *Gymnophallus* Odhner, 1900 (Trematoda: Gymnophallidae) polyphyletic? A new hypothesis based on phylogenetic position of *Gymnophallus deliciosus* (Olsson, 1893). ○
- 624 Phylogeny, character evolution, and systematics of the fern family Ophioglossaceae based on Sanger sequence data, plastomes, and morphology. **2022**, 173, 107512 ○
- 623 Integrative methods resolve taxonomy and relationships of snapping shrimps in the genus *Synalpheus* (Decapoda: Alpheidae) collected during the MNHN Madibenthos Expedition. **2022**, 36, 389 ○
- 622 A new species of *Cichlidogyrus* Paperna, 1960 (Platyhelminthes: Monogenea: Dactylogyridae) infecting tilapias in Lake Kariba (Zimbabwe), with a discussion on its phylogenetic position. ○
- 621 Landscape scale ecology of *Tetracladium* spp. fungal root endophytes. ○

- 620 Historical biogeography of the gingers and its implications for shifts in tropical rain forest habitats.
- 619 The taxonomy and phylogeny of the *Cyrtodactylus brevipalmatus* group (Squamata: Gekkonidae) with emphasis on *C. interdigitalis* and *C. ngati*. 72, 245-269 ○
- 618 Assessing evolutionary history and species boundaries in a polymorphic tropical lizard, the *Aspidoscelis lineattissimus* species complex (Squamata, Teiidae).
- 617 New specimens and molecular data provide validation of *Apatemon jamiesoni* n. sp. (Trematoda: Strigeidae) from water birds in New Zealand. ○
- 616 The emergence of a new sex-system (XX/XY1Y2) suggests a species complex in the monotypic rodent *Oecomys auyantepui* (Rodentia, Sigmodontinae). 2022, 12,
- 615 Genetic, vocal, and body size divergence across the Northern Peruvian Low supports two species within the Masked Flowerpiercer (*Diglossa cyanea*).
- 614 Same place, different stories: Disparate evolutionary trends of mygalomorph spiders from the Peripampasic orogenic arc.
- 613 Three dispersal routes out of Africa: A puzzling biogeographical history in freshwater planarians. ○
- 612 Pan-European phylogeography of the European roe deer (*Capreolus capreolus*). 2022, 12, 1
- 611 Exceptional parallelisms characterize the evolutionary transition to live birth in phrynosomatid lizards. 2022, 13, ○
- 610 Mitochondrial DNA and Population Genomics Reveal Additional Cryptic Diversity in the Green Salamander (Subgenus *Castaneides*) Species Complex. 2022, 3,
- 609 Gene losses resulting in specialized metabolism in the earliest divergent symbiotic *Frankia* clade can be linked to its low saprotrophic capabilities.
- 608 Evolutionary and Regulatory Pattern Analysis of Soybean Ca<sup>2+</sup> ATPases for Abiotic Stress Tolerance. 2022, 13, 1
- 607 First record of the fungal genus *Neodevriesia* Quaedvl. & Crous (Ascomycota, Dothideomycetes, Neodevriesiaceae) isolated from scleractinian corals of Perhentian Islands, Malaysia. 10, 1
- 606 Worldwide phylogeography of rough-toothed dolphins (*Steno bredanensis*) provides evidence for subspecies delimitation. 2
- 605 Multigene Phylogenetic Support for Novel *Rhytidhysterion* Speg. Species (Hysteriaceae) from Sichuan Province, China. 2022, 43, ○
- 604 Stable and ancient endocytic structures navigate the complex pellicle of apicomplexan parasites. ○
- 603 A new species in the *Cyrtodactylus oldhami* group (Squamata, Gekkonidae) from Kanchanaburi Province, western Thailand. 1103, 139-169 ○

- 602 Intradiol ring cleavage dioxygenases from herbivorous spider mites as a new detoxification enzyme family in animals. **2022**, 20, 1
- 601 Genome sequencing and evolutionary analysis of a new endophytic *Trichoderma* species isolated from orchid roots with reduced repertoire of protein-coding genes. **2022**, 21,
- 600 Discovery of the male of *Loxaulus hyalinus*, and implications for the sympatric species *Loxaulus laeta* (Hymenoptera: Cynipidae: Cynipini): an integrative taxonomical case of species delimitation. **2022**, 56, 397-413
- 599 Molecular, micromorphological and anatomical study of rangeland species of *Atriplex* (Chenopodiaceae) in Iran. **2022**, 2, 133-143
- 598 Rediscovery and phylogenetic analysis of the Shelta Cave Crayfish (*Orconectes sheltae* Cooper & Cooper, 1997), a decapod (Decapoda, Cambaridae) endemic to Shelta Cave in northern Alabama, USA. 43, 11-31 0
- 597 Old genes in new places: A taxon-rich analysis of interdomain lateral gene transfer events. **2022**, 18, e1010239 0
- 596 Phylogenomics and evolutionary history of *Oreocnide* (Urticaceae) shed light on recent geological and climatic events in SE Asia. **2022**, 107555 1
- 595 Complete chloroplast genome sequence of *Syzygium samarangense* (Myrtaceae) and phylogenetic analysis. **2022**, 7, 977-979
- 594 Clarifying the taxonomy of some cryptic blennies (Blenniidae) in their native and introduced range. **2022**, 12, 1
- 593 Possible links between phenotypic variability, habitats and connectivity in the killifish *Aphaniops stoliczkanus* in Northeast Oman. 0
- 592 Two new syntopic species of wolf snakes (genus *Lycodon* H. Boie in Fitzinger, 1826) from an imperiled ecosystem in the Song Giang River Valley of southern Vietnam (Squamata: Colubridae). 72, 371-384
- 591 Back from the deaf: integrative taxonomy revalidates an earless and mute species, *Hylodes grandoculis* van Lidth de Jeude, 1904, and confirms a new species of *Pristimantis* Jiménez de la Espada, 1870 (Anura: Strabomantidae) from the Eastern Guiana Shield. 1
- 590 DNA barcoding echinoderms from the East Coast of South Africa. The challenge to maintain DNA data connected with taxonomy. 0
- 589 *Cordyceps mexicana* sp. nov., parasitizing *Paradirphia* sp. moths: A new sister species of the *Cordyceps militaris* complex, distributed in central Mexican Quercus-Pinus mixed forests. 1-16
- 588 Molecular, chromosomal, and morphological evidence reveals a new allotetraploid fern species of *Asplenium* (Aspleniaceae) from southern Jiangxi, China. 199, 113-127
- 587 Taxonomy, comparative genomics and evolutionary insights of *Penicillium ucsense*: a novel species in series *Oxalica*.
- 586 Diversity of an uncommon elastic hypersaline microbial mat along a small-scale transect. 10, e13579 0
- 585 Phylogeography and Cryptic Species Structure of a Locally Adapted Parasite in New Zealand.



- 584 Population genetic structure and phenotypic diversity of *Aspidodera raillieti* (Nematoda: Heterakoidea), a parasite of Didelphini marsupials in Brazil's South and Southeast Atlantic Forest. **2022**, 15,
- 583 Phylogeny and historical biogeography of the Panama-hat family (Cyclanthaceae, Pandanales).
- 582 Bambusicolous Fungi in Pleosporales: Introducing Four Novel Taxa and a New Habitat Record for *Anastomitrabeculia didymospora*. **2022**, 8, 630 0
- 581 Taxonomic and Phylogenetic Insights into Novel Ascomycota from Forest Woody Litter. **2022**, 11, 889 1
- 580 Nuclear and Mitochondrial Phylogenomics of the Sifakas Reveal Cryptic Variation in the Diademed Sifaka. **2022**, 13, 1026
- 579 Aneuploids and its increment on diversity of *Lippia alba* polyploid complex: genetic aspects and origin.
- 578 Biogeography, Autecology and Phylogeny of Percolomonads Based on Newly Described Species.
- 577 Updates on *Geastrum* sect. *Exareolata*, with a description of a striking new species from the Neotropics. **2022**, 308, 0
- 576 Complete mitochondrial genome of the earthworm *Amyntas seungpanensis* (Clitellata: Megascolecidae). **2022**, 7, 989-991 1
- 575 *Thesium muasyae* (Santalaceae), a new species from the limestone fynbos of the Overberg, South Africa. 201, 1-14 0
- 574 *Pluteus insidiosus* Complex, Four New Species Described and *Pluteus reisneri* Resurrected. **2022**, 8, 623 0
- 573 Culturable Bacterial Diversity from the Basaltic Subsurface of the Young Volcanic Island of Surtsey, Iceland. **2022**, 10, 1177
- 572 *Enenterum kyphosi* Yamaguti, 1970 and *Enenterum petrae* n. sp. (Digenea: Enenteridae) from kyphosid fishes (Centrarchiformes: Kyphosidae) collected in marine waters off eastern Australia. **2022**, 5154, 271-288 0
- 571 High Diversity of Novel Viruses in the Tree Pathogen *Phytophthora castaneae* Revealed by High-Throughput Sequencing of Total and Small RNA. 13, 1
- 570 Re-terrestrialization in the phylogeny of epiphytic plant lineages: Microsoroid ferns as a case study. 1
- 569 Uncovering haplotype diversity in cultivated Mexican vanilla species. 0
- 568 A pandemic clonal lineage of the wheat blast fungus. 0
- 567 A phylogenetic overview of *Squamanita*, with descriptions of nine new species and four new combinations. 1-29

- 566 The Chlamydomonas Genome Project, version 6: reference assemblies for mating type plus and minus strains reveal extensive structural mutation in the laboratory. ○
- 565 Cafeteria in extreme environments: investigations on *C. burkhardae* and three new species from the atacama desert and the deep ocean. **2022**, 125905 ○
- 564 *Diachea mitchellii*: A new myxomycete species from high elevation forests in the tropical Andes of Peru. 1-14 ○
- 563 Turtle ants harbor metabolically versatile microbiomes with conserved functions across development and phylogeny. ○
- 562 Against the Flow: The Colonisation of the Lesotho Highlands by Freshwater Limpets. 10,
- 561 *Primula xinningensis* (Primulaceae), a new species from karst caves in Hunan, China. 199, 155-166
- 560 Discovery of the parasite *Marteilia cocosarum* sp. nov. In common cockle (*Cerastoderma edule*) fisheries in Wales, UK and its comparison with *Marteilia cochillia*. **2022**, 192, 107786 ○
- 559 Three new tribes in Myrtaceae and reassessment of Kanieae. **2022**, 35, 181 ○
- 558 Co-infection of *Fusarium aglaonematis* sp. nov. and *Fusarium elaeidis* Causing Stem Rot in *Aglaonema modestum* in China. 13,
- 557 Phylogenetic Assessment of Two Antarctic Representatives of Paralepidapedon Shimazu & Shimura, 1984 (Trematoda: Lepidapedidae). **2022**, 48, 202-212
- 556 Phylogeography of a Typical Forest Heliothermic Lizard Reveals the Combined Influence of Rivers and Climate Dynamics on Diversification in Eastern Amazonia. 10,
- 555 *Rindifilum ramosum* gen. nov., sp. nov., a New Freshwater Genus within the Ulvales (Ulvophyceae, Chlorophyta). **2022**, 43,
- 554 Hybrid swarm as a result of hybridization between two alien and two native water frog species (genus *Pelophylax*) in Central Croatia: Crna Mlaka fishpond acting as a species melting pot?.
- 553 Taxonomy and molecular phylogeny of two poorly known ciliate genera, *Balantidion* and *Acropisthium* (Protista: Ciliophora: Litostomatea), including a new species of *Balantidion*. **2022**, 125906 ○
- 552 The Tracking of Moist Habitats Allowed Aiphanes (Arecaceae) to Cover the Elevation Gradient of the Northern Andes. 13, ○
- 551 Historical Review of Studies on Cyrtophorian Ciliates (Ciliophora, Cyrtophoria) from China. **2022**, 10, 1325 ○
- 550 Craniodental Morphology and Phylogeny of Marsupials. **2022**, 457, 6
- 549 The complete chloroplast genome and phylogenetic position of *Thamnocalamus unispiculatus* (Poaceae: Bambusoideae: Arundinarieae). **2022**, 7, 1168-1170

- 548 Evolution of SARS-CoV-2 during the first year of the COVID-19 pandemic in Northwestern Argentina.
- 547 The genome of *Gynandropsis gynandra* provides insights into whole-genome duplications and the evolution of C4 photosynthesis in Cleomaceae. ○
- 546 Planktonic diatom communities in temperate South-Central Chilean lakes with a focus on *Asterionella formosa* and the genus *Aulacoseira*. ○
- 545 Plastome comparison and phylogenomics of *Fagopyrum* (Polygonaceae): insights into sequence differences between *Fagopyrum* and its related taxa. **2022**, 22, ○
- 544 Phylogenomics of arboreal alligator lizards shed light on the geographical diversification of cloud forest-adapted biotas. ○
- 543 Integrative Phylogeography Reveals Conservation Priorities for the Giant Anteater *Myrmecophaga tridactyla* in Brazil. **2022**, 14, 542 ○
- 542 Immature trematodes of *Lecithochirium* sp. (Digenea: Hemiuridae) in the California two-spot octopus (*Octopus bimaculatus*) from Mexico. ○
- 541 New insights into the phylogeny of the complex thalloid liverworts (Marchantiopsida) based on chloroplast genomes.
- 540 A Candidate Gene Cluster for the Bioactive Natural Product Gyrophoric Acid in Lichen-Forming Fungi. 1
- 539 Evolutionary patterns of plastome resolve multiple origins of the Ns-containing polyploid species in Triticeae. **2022**, 107591
- 538 Complete chloroplast genome sequences of *Sinosenecio baojingensis* Ying Liu & Q.E. Yang (Asteraceae). **2022**, 7, 1280-1281
- 537 Decoupling in Diversification and Body Size Rates During the Radiation of *Phyllodactylus*: Evidence Suggests Minor Role of Ecology in Shaping Phenotypes. 1
- 536 Substrate-restricted methanogenesis and limited volatile organic compound degradation in highly diverse and heterogeneous municipal landfill microbial communities. **2022**, 2, 2
- 535 *Septoglomus* species dominate the arbuscular mycorrhiza of five crop plants in an arid region of northern Mexico. ○
- 534 *Ganoderma ovisporum* sp. nov. (Polyporales, Polyporaceae) from Southwest China. 10, ○
- 533 *Blumea chishangensis* sp. nov. (Asteraceae: Inuleae) from Taiwan and new insights into the phylogeny of *Blumea*. **2022**, 63,
- 532 First record from the southern hemisphere: significant range extension, new host record and molecular characterisation of *Ligophorus minimus* Euzet et Suriano, 1977 (Monogenea: Dactylogyridae). 1-10
- 531 Phylogenetic implications of the complete mitochondrial genome of *Ogcogaster segmentator* (Westwood, 1847) and first record of the genus *Ogcogaster* Westwood, 1847 from China (Neuroptera, Myrmeleontidae, Ascalaphinae). 10,

- 530 Three new genera and one new species of leaf insect from Melanesia (Phasmatodea, Phylliidae). 1110, 151-200
- 529 Female terminalia morphology and cladistic relations among Tok-Tok beetles (Tenebrionidae: Sepidiini). 1
- 528 *Pseudocryphonectria elaeocarpicola* gen. et sp. nov. (Cryphonectriaceae, Diaporthales) causing stem blight of *Elaeocarpus* spp. in China. 91, 67-84
- 527 Botryosphaeriaceae fungi causing canker and die-back on *Grevillea robusta* in tea plantations of Sri Lanka.
- 526 Chitin-Active Lytic Polysaccharide Monooxygenases Are Rare in *Cellulomonas* Species.
- 525 Molecular systematics and biogeographic insights of the *Calomys callosus* complex (Rodentia, Cricetidae).
- 524 Taxonomy and molecular phylogeny of two new *Blepharisma* species (Ciliophora, Heterotrichea) from northeastern China. **2022**, 85, 125908 0
- 523 Endemicity and radiation in waterfalls of the Western Ghats: The genus *Cremnoconchus* (Gastropoda: Littorinidae). **2022**, 174, 107547
- 522 Old specimens for old branches: Assessing effects of sample age in resolving a rapid Neotropical radiation of squirrels. **2022**, 175, 107576 0
- 521 Out of southern Africa: Origins and cryptic speciation in *Chamaeleo*, the most widespread chameleon genus. **2022**, 175, 107578 0
- 520 What is adaptive radiation? Many manifestations of the phenomenon in an iconic lineage of Hawaiian spiders. **2022**, 175, 107564 0
- 519 Landscape scale ecology of *Tetracladium* spp. fungal root endophytes. **2022**, 17,
- 518 *Cladosporium* spp. (Cladosporiaceae) isolated from *Eucommia ulmoides* in China. 91, 151-168 1
- 517 Four new species of *Diaporthe* (Diaporthaceae, Diaporthales) from forest plants in China. 91, 25-47 1
- 516 *Iqbalia kashmirensis* gen. et sp. nov. from Pakistan (Teloschistaceae, lichenized ascomycetes) based on multigene phylogeny. **2022**, 21, 1
- 515 An extinct and deeply divergent tiger lineage from northeastern China recognized through palaeogenomics. **2022**, 289, 0
- 514 *Bahiana*, a new Euphorbiaceae (Acalyphoideae) genus from seasonally dry forest in northeastern Brazil, corroborated by molecular and morphological evidence. 0
- 513 Out of the temperate zone: A phylogenomic test of the biogeographical conservatism hypothesis in a contrarian clade of ants. 0

512	Cypress canker: An important disease discovered for the first time on a native South African tree.	0
511	Holarctic Species in the <i>Pluteus romellii</i> Clade. Five New Species Described and Old Names Reassessed. <b>2022</b> , 8, 773	1
510	Species delineation and systematics of a hemiclinal hybrid complex in Australian freshwaters (Gobiiformes: Gobioidae: Eleotridae: <i>Hypseleotris</i> ). <b>2022</b> , 9,	0
509	Phylogeny, character evolution and biogeography of the genus <i>Sclerophylax</i> (Solanaceae).	
508	Integrative taxonomy confirms the presence of the enigmatic <i>Lysmata olavoi</i> Fransen, 1991 (Decapoda: Lysmatidae) in the Mediterranean Sea. 1-6	1
507	The hole is deeper: description of two new species within the <i>Parastacus brasiliensis</i> (von Martens, 1869) species complex with an integrative taxonomy approach. <b>2022</b> , 5168, 251-284	1
506	First records of the non-indigenous green algal species <i>Siphonocladus tropicus</i> (Cladophorales, Chlorophyta) and <i>Caulerpa integerrima</i> (Bryopsidales, Chlorophyta) in the Mediterranean Sea. 1-13	
505	Fine-scale social and genetic structure of common bottlenose dolphins ( <i>Tursiops truncatus</i> ) in the Barataria Basin, Louisiana, USA.	
504	Phylogenomics Supports the Monophyly of Aphelids and Fungi and Identifies New Molecular Synapomorphies.	1
503	Phylogenomics of the Caribbean melocacti: Cryptic species and multiple invasions.	2
502	Endophytic <i>Diaporthe</i> Associated with <i>Morinda officinalis</i> in China. <b>2022</b> , 8, 806	1
501	Taxonomy and phylogeny of <i>Smaragdiniseta musae</i> sp. nov. and <i>Albifimbria verrucaria</i> (Hypocreales, Stachybotryaceae) on <i>Musa</i> from Thailand. 10,	
500	Verrucariaceae from Nepal. <b>2022</b> , 54, 139-174	1
499	Resolving the phylogenetic relationship between <i>Parmotrema crinitum</i> and <i>Parmotrema perlatum</i> populations. <b>2022</b> , 54, 183-194	
498	Diversification rates in Tardigrada indicate a decreasing tempo of lineage splitting regardless of reproductive mode.	0
497	Hiding in plain sight: Cryptic enemies are found on cochineal (Hemiptera: Dactylopiidae), a scale insect of economic and cultural significance. <b>2022</b> , 12,	
496	A new species of <i>Gibsmithia</i> (Dumontiaceae, Rhodophyta) from mesophotic depths of the Papahānaumokuākea Marine National Monument, Hawaii USA. <b>2022</b> , 61, 558-569	1
495	Phylogeographic inference of Sumatran ranids bearing gastromyzophorous tadpoles with regard to the Pleistocene drainage systems of Sundaland. <b>2022</b> , 12,	

- 494 &lt;i&gt;Lamproderma vietnamense&lt;/i&gt;; a new species of myxomycetes with reticulate spores from Phia Oac - Phia National Park (northern Vietnam) supported by molecular phylogeny and morphological analysis. **2022**, 63, 149-155 0
- 493 Mitogenomics supports the monophyly of Mysidacea and Peracarida (Malacostraca). **2022**, 51, 603-613 0
- 492 Phylogeny of Agaricus subgenus Pseudochitonina with the description of a new section and a new species from Oman. **2022**, 21,
- 491 Bringing Plant Immunity to Light: A Genetically Encoded, Bioluminescent Reporter of Pattern Triggered Immunity in *Nicotiana benthamiana*.
- 490 New segregates from the Neotropical genus *Stryphnodendron* (Leguminosae, Caesalpinioideae, mimosoid clade). 205, 203-237 1
- 489 Chromosomal-level assembly of *Bactericera cockerelli* reveals rampant gene family expansions impacting genome structure, function and insect-microbe-plant-interactions. 0
- 488 Revision of the freshwater crabs of the genus *Tehuana* Rodríguez & Smalley in Smalley 1970 (Decapoda, Pseudothelphusidae), with the descriptions of two new species. 1117, 1-35
- 487 New insights into the formation of biodiversity hotspots of the Kenyan flora. 2
- 486 An expanded phylogeny of *Setaria* (Poaceae, Panicoideae, Paniceae) and its relationships within the subtribe Cenchrinae. 0
- 485 *Rhizomaticola guizhouensis* gen. et sp. nov. and Five *Rosellinia* Like Species Isolated from Decaying Wood. **2022**, 14, 703
- 484 Multi-locus phylogeny and species delimitations of the striped-back shrew group (Eulipotyphla: Soricidae): implications for cryptic diversity, taxonomy and multiple speciation patterns. **2022**, 107619
- 483 The novel marine cyanobacterium *Nunduva sanctimaloensis* sp. nov. (Nostocales, Cyanobacteria) from rocky shores and its reproduction through modified monocytes.
- 482 An appraisal of *Ulva* (Ulvophyceae, Chlorophyta) taxonomy. 0
- 481 *Thecochaos* is not a myth: study of the genus *Thecochaos* (Amoebozoa, Discosea) a rediscovered group of lobose amoeba, with short SSU gene. 0
- 480 Studies in *Gyromitra* II: cryptic speciation in the *Gyromitra gigas* species complex; rediscovery of *G. ussuriensis* and *G. americanigigas* sp. nov.. **2022**, 21, 1
- 479 Maritime midge radiations in the Pacific Ocean (Diptera: Chironomidae).
- 478 Phototrophy and carbon fixation in Chlorobi postdate the rise of oxygen. **2022**, 17, e0270187
- 477 Reinstatement of *Ticanto* (Leguminosae-Caesalpinioideae) the final piece in the *Caesalpinia* group puzzle. 205, 59-98 1

- 476 Phylogeny and classification of the Australasian and Indomalayan mimosoid legumes *Archidendron* and *Archidendropsis* (Leguminosae, subfamily Caesalpinioideae, mimosoid clade). 205, 299-333 1
- 475 Morphology and molecular phylogeny of two new *Aspidisca* species (*Ciliophora*, *Spirotrichea*, *Euplotida*) collected from subtropical coastal waters in China. 9,
- 474 Phylogenetic Review of *Acaulospora* (Diversisporales, Glomeromycota) and the Homoplastic Nature of Its Ornamentations. 2022, 8, 892 1
- 473 A new genus of *Pseudospirobolellidae* (Diplopoda, *Spirobolida*) from limestone karst areas in Thailand, with descriptions of three new species. 2022, 98, 313-326 0
- 472 Diversification of *Hemidactylus* geckos (Squamata: *Gekkonidae*) in coastal plains and islands of southwestern Arabia with descriptions and complete mitochondrial genomes of two endemic species to Saudi Arabia.
- 471 Strong genetic differentiation between fragmented alpine bush-cricket populations demands preservation of evolutionary significant units.
- 470 Notes on the distribution of *Dalmaninella simonae* (Gastropoda: *Hydrobiidae*) in Croatia and the utility of barcoding in its determination. 30,
- 469 Systematic revision, molecular phylogeny and biogeography of the antlion tribe *Acanthoplectrini* (Neuroptera: *Myrmeleontidae*: *Dendroleontinae*), with emphasis on the Oriental lineage.
- 468 Late Cenozoic environmental changes drove the diversification of a weevil genus endemic to the Cape Floristic Region. 0
- 467 *Hymenasplenium tholiformis* (*Aspleniaceae*), a new fern species from southeastern Xizang, China based on morphological and molecular evidence. 204, 43-56 0
- 466 Seven Unrecorded Indigenous Fungi from Mudeungsan National Park in Korea. 1-10
- 465 Uncovering the Yeast Communities in Fungus-Growing Ant Colonies.
- 464 A New Species of *Sphaerodactylus* (*Gekkota*: *Sphaerodactylidae*) from the Northwest Limestone Region of Puerto Rico. 2022, 110, 0
- 463 *Acrocalymma chuxiongense* sp. nov., a new species of *Acrocalymmaceae* (*Pleosporales*) on leaves of *Quercus*. 10,
- 462 Two New Species of *Meiogyne* (*Annonaceae*) from Vietnam, Based on Molecular Phylogeny and Morphology. 2022, 59,
- 461 *Boliviadendron*, a new segregate genus of mimosoid legume (Leguminosae, *Caesalpinioideae*, mimosoid clade) narrowly endemic to the interior Andean valleys of Bolivia. 205, 439-452 1
- 460 Rainforest pelican spiders (*Archeidae*: *Austrarchaea*) of south-eastern Queensland, Australia: two new species and a distributional reassessment of regional endemic clades. 2022, 50,
- 459 Integrated morphometric and molecular analyses indicate three male morphotypes in the freshwater prawn *Macrobrachium olfersii* (*Decapoda*, *Palaemonidae*) along the Brazilian neotropical region.

- 458 The new species and the third Chinese member of *Colubrina* (*C. zhaoguangii*, Rhamnaceae). **2022**, 8,
- 457 Multilocus phylogeny reveals habitat driven cryptic diversity in *Ochotona rufescens* (Ochotonidae).
- 456 Truly Absent or Sampling Gaps? Insights on the Potential Distribution of *Duttaphrynus hololius* (Güther, 1876) from Peninsular India. **2022**, 41,
- 455 Evolution of factors shaping the endoplasmic reticulum. 2
- 454 A new genus and species of shrew-like mouse (Rodentia: Muridae) from a new center of endemism in eastern Mindanao, Philippines.
- 453 Leaf spot caused by *Alternaria crassa* on *Datura stramonium* in Turkey. **2022**, 17,
- 452 Molecular insights on the conflicting generic boundaries in the *Carduncellus-Carthamus* complex (Compositae).
- 451 The (non) accuracy of mitochondrial genomes for family-level phylogenetics in Erebidae (Lepidoptera). 0
- 450 Molecular tools for resolving *Merodon ruficornis* group (Diptera, Syrphidae) taxonomy.
- 449 Disjunct resident population of Melodious Lark *Mirafra cheniana* discovered in East Africa. 0
- 448 A new phylogeny of *Rumex* (Polygonaceae) adds evolutionary context to the diversity of reproductive systems present in the genus. 204, 57-72 0
- 447 A tale of two bellies: systematics of the oval frogs (Anura: Microhylidae: *Elachistocleis* Parker, 1927).
- 446 Chromosomal polymorphism of the *Ceratocystis fimbriata* species complex in Brazil. **2022**, 162, 103728
- 445 Molecular phylogeny and biogeography of the genus *Symbrenthia* (Lepidoptera, Nymphalidae) correlates with the past geography of the Oriental region. **2022**, 177, 107605 1
- 444 Redescription and phylogenetic assessment of *Helicometra antarcticae* Holloway & Bier, 1968 (Trematoda, Opecoelidae), with evidence of non-monophyletic status of the genus *Helicometra* Odhner, 1902. **2022**, 44, 0
- 443 The first complete mitochondrial genome in the family Attevidae (*Atteva aurea*) of the order Lepidoptera. 10, 0
- 442 New species of *Sticta* (lichenised Ascomycota, lobarioid Peltigeraceae) from Bolivia suggest a high level of endemism in the Central Andes. 92, 131-160 2
- 441 Morphology and molecular phylogeny of three freshwater scuticociliates, with establishments of one new genus and three new species (Ciliophora, Oligohymenophorea). **2022**, 86, 125918 0



- 440 Alternative nitrogenase of *Paenibacillus sonchi* genomovar *Riograndensis*: An insight in the origin of Fe-nitrogenase in the Paenibacillaceae family. **2022**, 177, 107624 ○
- 439 Characterization of the complete mitochondrial genome of *Nippotaenia mogurndae* Yamaguti and Miyata, 1940 (Cestoda: Nippotaeniidae). **2022**, 96, ○
- 438 &lt;i&gt;Lentinus squarrosulus&lt;/i&gt; an edible macro-fungus reported from Pakistan. **2022**, 7, 1-3 ○
- 437 Description of *Rotylenchus zhongshanensis* sp. nov. (Tylenchomorpha: Hoplolaimidae) and discovery of its endosymbiont *Cardinium*. **2022**, 96, 1
- 436 Deconstructing the crustacean squat lobster genus *Munida* to reconstruct the evolutionary history and systematics of the family Munididae (Decapoda, Anomura, Galatheoidea). **2022**, 36, 926 1
- 435 Molecular phylogeny of *Cosmetocleithrum* Kritsky, Thatcher & Boeger, 1986 (Monogenoidea: Dactylogyridae), gill parasites of Neotropical catfishes (Siluriformes). **2022**, 96, ○
- 434 Complete Mitogenome of *Cruznema tripartitum* Confirms Highly Conserved Gene Arrangement within Family Rhabditidae. **2022**, 54, 1-10 ○
- 433 New insights into the genetic variability of *Fasciola hepatica* (Trematoda) in Algeria and relationships with other geographic regions revealed by mitochondrial DNA. **2022**, 59, 152-164 ○
- 432 Phylogeny, character evolution, and biogeography of the fern genus *Bolbitis* (Dryopteridaceae). **2023**, 178, 107633 ○
- 431 *Neopestalotiopsis eucalypti*, a causal agent of grapevine shoot rot in cutting nurseries in China. **2022**, ○
- 430 Complete Chloroplast Genome Sequence of *Rosa lucieae* and Its Characteristics. **2022**, 8, 788 ○
- 429 Potential of Turkish *Beauveria bassiana* isolates for the management of the polyphagous planthopper, *Orosanga japonica* Melichar 1898 (Hemiptera: Ricaniidae). **2022**, 32, ○
- 428 Phylogenetic study of *Elona quimperiana* (Gastropoda: Elonidae): identification of a new mitochondrial haplogroup. ○
- 427 A genome-wide phylogeny and the diversification of genus *Liriomyza* (Diptera: Agromyzidae) inferred from anchored phylogenomics. ○
- 426 Taxonomic and Phylogenetic Reassessment of *Pyrgidium* (Mycocaliciales) and Investigation of Ascospore Morphology. **2022**, 8, 966 ○
- 425 RNA structure-altering mutations underlying positive selection on Spike protein reveal novel putative signatures to trace crossing host-species barriers in Betacoronavirus. **2022**, 19, 1019-1044 ○
- 424 The systematics of *Tachymenini* (Serpentes, Dipsadidae): An updated classification based on molecular and morphological evidence. ○
- 423 Comparative anatomy of the passerine carpometacarpus helps illuminate the early fossil record of crown Passeriformes. ○

- 422 A Preliminary Molecular Phylogeny for *Stiria* (Noctuidae, Stiriinae) and Description of a New Species from Texas. **2022**, 76, ○
- 421 Intraspecific differentiation of *Allium canadense* var. *canadense* (Amaryllidaceae) across the North American Coastal Plain. ○
- 420 Plastome sequences fail to resolve shallow level relationships within the rapidly radiated genus *Isodon* (Lamiaceae). 13, ○
- 419 Influenza A (N1-N9) and Influenza B (B/Victoria and B/Yamagata) Neuraminidase Pseudotypes as Tools for Pandemic Preparedness and Improved Influenza Vaccine Design. **2022**, 10, 1520 1
- 418 Finding a home for the ram's horn squid: phylogenomic analyses support *Spirula spirula* (Cephalopoda: Decapodiformes) as a close relative of Oegopsida. ○
- 417 Taxonomy and control of *Trichoderma hymenopellicola* sp. nov. responsible for the first green mold disease on *Hymenopellis raphanipes*. 13, 1
- 416 An updated checklist and a DNA barcode library for the earthworms (Crassicitellata, Oligochaeta) of Corsica, France. **2022**, 44, 1
- 415 A new species of *Geophagus* (Teleostei: Cichlidae): naming a cichlid species widely known in the Aquarium hobby as [Geophagus sp. Tapajos Red head] ○
- 414 Divergence Dating and Biogeography of Xenosauridae Including Fossils as Terminal Taxa. **2022**, 56, ○
- 413 Diversification in Caucasian *Epeorus* (Caucasiron) mayflies (Ephemeroptera: Heptageniidae) follows topographic deformation along the Greater Caucasus range. **2022**, 47, 603-617 ○
- 412 How To Be a Successful Monopartite Begomovirus in a Bipartite-Dominated World: Emergence and Spread of Tomato Mottle Leaf Curl Virus in Brazil. **2022**, 96, ○
- 411 A new rock gecko in the *Cnemaspis siamensis* group (Reptilia, Gekkonidae) from Kanchanaburi Province, western Thailand. **2022**, 98, 345-363 ○
- 410 Phylogeny and Systematics of the tribe Sonerileae (Melastomataceae) in Africa: a revised taxonomic classification. ○
- 409 The complete chloroplast genome of *Aristolochia hainanensis* Merr. (Aristolochiaceae). **2022**, 7, 1650-1652 ○
- 408 Immunoglobulin heavy constant gamma gene evolution is modulated by both the divergent and birth-and-death evolutionary models. ○
- 407 Taxonomical review of *Prosymna angolensis* Boulenger, 1915 (Elapoidea, Prosymnidae) with the description of two new species. 1121, 97-143 ○
- 406 Characterization of the complete chloroplast genome sequence of *Isodon japonicus* (N. Burman) H. Hara (Lamiaceae). **2022**, 7, 1713-1715 ○
- 405 Reduction of *Blinkworthia* (Convolvulaceae) based on multilocus phylogenetic reconstruction and resurrection of a species from synonymy revealed by phenetic analyses. ○

- 404 Importance of type specimen study for understanding genus boundariesTaxonomic clarifications in *Lepidoderma* based on integrative taxonomy approach leading to resurrection of the old genus *Polyschismium*. 1-24 ○
- 403 Lignicolous freshwater ascomycetes from Thailand: Introducing *Dematipyriforma muriformis* sp. nov., one new combination and two new records in Pleurotheciaceae. 93, 57-79 ○
- 402 *Waltheria marielleae* (Byttnerioideae, Malvaceae), a new species from north-eastern Brazil supported by morphological and phylogenetic evidence. **2022**, 155, 353-362 ○
- 401 A revision of the *Inocybe grammata* group in North America including four new taxa. ○
- 400 Molecular identification and phylogenetic characterization of A-strain isolates of maize streak virus from western Ethiopia. ○
- 399 Characterization of the complete mitochondrial genome of *Quasilineus sinicus* Gibson, 1990 (Nemertea: Heteronemertea) and its phylogenetic implications. **2022**, 7, 1749-1751 ○
- 398 Population structure and demographic history of the gastropod *Thaisella chocolata* (Duclos, 1832) from the Southeast Pacific inferred from mitochondrial DNA analyses. **2022**, 12, ○
- 397 First Record of *Alternaria pogostemonis*: A Novel Species Causing Leaf Spots in *Pogostemon cablin*. **2022**, 11, 1105 ○
- 396 *Rhizoctonia* spp. causing damping-off, root rot and web blight on coriander in Brazil. ○
- 395 First detection and characterisation of sub-genotype XIII.2.1 Newcastle disease virus isolated from backyard chickens in Iran. ○
- 394 Notes on the morels of South America with comments on their anamorphs. ○
- 393 Molecular phylogeny and historical biogeography of marine palaemonid shrimps (Palaemonidae: *Palaemonella* Quapetes group). **2022**, 12, ○
- 392 The Natural Product Domain Seeker version 2 (NaPDoS2) webtool relates ketosynthase phylogeny to biosynthetic function. **2022**, 102480 3
- 391 *Wolbachia* infection dynamics in a natural population of the pear psyllid *Cacopsylla pyri* (Hemiptera: Psylloidea) across its seasonal generations. **2022**, 12, ○
- 390 Impacts of Nitrogen and Sediment on Restored Wetland Plant Assemblages from an Agricultural Landscape. **2022**, 42, ○
- 389 Morphological description and molecular characterisation of *Dactylogyrus matlopong* sp. n. (Monogenea: Dactylogyridae) from the South African endemic *Labeobarbus aeneus* (Cyprinidae: Torinae). 69, ○
- 388 Multigene phylogeny of the Indo-West Pacific genus *Enosteoides* (Crustacea, Decapoda, Porcellanidae) with description of a new species from Australia. **2022**, 98, 387-397 ○
- 387 Morphological and molecular characterisation of *Alella igillimpethu* n. sp. (Copepoda: Siphonostomatoida: Lernaepodidae) parasitising the southern African endemic intertidal klipfish, *Clinus superciliosus*. ○

- 386 Large-scale genetic investigation of nematode diversity and their phylogenetic patterns in New Zealand marine animals. 1-48 ○
- 385 Slow and steady wins the race: Diversification rate is independent from body size and lifestyle in Malagasy skinks (Squamata: Scincidae: Scincinae). **2022**, 107635 ○
- 384 Systematics of *Thraupis* (Aves, Passeriformes) reveals an extensive hybrid zone between *T. episcopus* (Blue-gray Tanager) and *T. sayaca* (Sayaca Tanager). **2022**, 17, e0270892 ○
- 383 The anatomy of the seed-coat includes diagnostic characters in the subtribe Eugeniinae (Myrteae, Myrtaceae). 13, ○
- 382 Cryptic Lineages and Standing Genetic Variation Across Independent Cane Toad Introductions. ○
- 381 A European nudibranch new to the Gulf of Maine: *Doris pseudoargus* Rapp, 1827. ○
- 380 Digenean trematodes infecting the frigate tuna *Auxis thazard* (Scombriformes, Scombridae) off the Rio de Janeiro coast, Brazil, including molecular data. **2022**, 29, 44 ○
- 379 Two new *Bryodelphax* Thulin, 1928 species (Heterotardigrada: Echiniscidae) from the Republic of Ireland with comments on the *Weglarskae* group and other heterotardigrade taxa, including the controversial genus *Bryochoeus* Marcus, 1936. **2022**, 4, 1-52 ○
- 378 Two New Species of *Backusella* (Mucorales, Mucoromycota) from Soil in an Upland Forest in Northeastern Brazil with an Identification Key of *Backusella* from the Americas. **2022**, 8, 1038 ○
- 377 Histometric and morphological damage caused by *Serratia marcescens* to the tick *Rhipicephalus microplus* (Acari: Ixodidae). **2022**, 204, ○
- 376 Detecting signals of adaptive evolution in grape plastomes with a focus on the Cretaceous-Paleogene (K/Pg) transition. ○
- 375 Additions to the List of Teloschistaceae (Teloschistales, Ascomycota) in Pakistan. ○
- 374 Increased public health threat of avian-origin H3N2 influenza virus during evolution in dogs. ○
- 373 Morphology, morphogenesis and phylogeny of a new soil ciliate, *Bistichella sinensis* n. sp., and morphology of two oxytrichids (Ciliophora, Hypotrichia). **2022**, 86, 125934 ○
- 372 Genetic variation among sea turtle life stages and species suggests connectivity among ocean basins. **2022**, 12, ○
- 371 A near-complete species-level phylogeny of uropeltid snakes harnessing historical museum collections as a DNA source. **2022**, 107651 ○
- 370 Multilocus species delimitation analyses show junior synonyms and deep-sea unknown species of genus *Gaidropsarus* (Teleostei: Gadiformes) in the North Atlantic/Mediterranean Sea area. **2022**, 169, ○
- 369 New insights into the evolution of portunoid swimming crabs (Portunoidea, Heterotremata, Brachyura) and the brachyuran axial skeleton. **2022**, 19, ○

- 368 Molecular phylogeny and taxonomy of the genus *Nectogale* (Mammalia: Eulipotyphla: Soricidae). **2022**, 12, 0
- 367 Hidden diversity of rock geckos within the *Cnemaspis siamensis* species group (Gekkonidae, Squamata): genetic and morphological data from southern Thailand reveal two new insular species and verify the phylogenetic affinities of *C. chanardi* and *C. kamolnorranathi*. 1125, 115-158 0
- 366 The complete chloroplast genome sequences of three lilies: genome structure, comparative genomic and phylogenetic analyses. 1
- 365 The Role of Molossidae and Vespertilionidae in Shaping the Diversity of Alphacoronaviruses in the Americas. 0
- 364 *Pseudognaphalium* (Asteraceae, Gnaphalieae) diversity in New Zealand revealed by DNA sequences with notes on the phylogenetic relationships of Hawaiian Islands plants referred to *Pseudognaphalium sandwicense*. 1-28 0
- 363 A new arboreal *Pseudoeurycea* (Caudata: Plethodontidae) from the Sierra de Zongolica, Veracruz, Mexico. 72, 937-950 0
- 362 Ticket to ride: fungi from bat ectoparasites in a tropical cave and the description of two new species. 0
- 361 Molecular identification and characterization of Muscid flies (Diptera: Muscidae) of medico-veterinary importance from the Gangetic plains of Eastern India. 0
- 360 *Kerkia Radoman*, 1978 (Caenogastropoda: Hydrobiidae): endemism, apparently morphostatic evolution and cryptic speciation. 1-25 1
- 359 Phylogenetic analyses of Phaseolinae (Leguminosae) reveal a new genus endemic to limestone outcrops in Seasonally Dry Forests of Bahia, Brazil. 0
- 358 Morphology, morphogenesis and molecular phylogeny of *Lamtostyla granulifera sinensis* subsp. nov. (Ciliophora, Hypotrichia) from a wetland in China. **2022**, 125938 0
- 357 The discovery of a new giant legume tree species in a severely fragmented landscape underscores the alarming threats to the biodiversity of the Brazilian Atlantic Forest. 0
- 356 Morphology, Molecular Identification, and Pathogenicity of Two Novel *Fusarium* Species Associated with Postharvest Fruit Rot of Cucurbits in Northern Thailand. **2022**, 8, 1135 1
- 355 The effect of the Messinian salinity crisis on the early diversification of the *Tettigettalna* cicadas. 0
- 354 Description and phylogenetic analysis of two new *Episinus* (Araneae, Theridiidae) species from China. 1125, 33-46 0
- 353 DNA barcoding echinoderms from the East Coast of South Africa. The challenge to maintain DNA data connected with taxonomy. **2022**, 17, e0270321 0
- 352 Similar diversification patterns in  $\text{Bky islands}$  a comparative approach in lineages from campo rupestre and campo de altitude. **2022**, 125700 0
- 351 *Fusarium* Species Associated with Cherry Leaf Spot in China. **2022**, 11, 2760 1

- 350 What are the *Laetiporus* species present in southern South America?. 193-218 ○
- 349 Identification and fungicides sensitivity evaluation of the causal agent of cobweb disease on *Lyophyllum decastes* in China. ○
- 348 Three new species of *Pewenomyces* (Coryneliaceae) from *Araucaria araucana* in Chile. **2022**, 21, ○
- 347 *Acrogenospora terricola* sp. nov., a fungal species associated with seeds of pioneer trees in the soil seed bank of a lowland forest in Panama. **2022**, 72, ○
- 346 Boring can get you far: shell-boring *Dipolydora* from Temperate Northern Pacific, with emphasis on the global history of *Dipolydora giardi* (Mesnil, 1893) (Annelida: Spionidae). ○
- 345 Taxonomic Reassessment of Freshwater Mussels from the Western Balkans Reveals an Overlooked but Critical Refugium and Defines Conservation Priorities. **2022**, 14, 935 ○
- 344 Records of lignicolous agaricoid fungi (Agaricales, Basidiomycota) from Mexico. 219-271 ○
- 343 *Chimena* gen. nov., a new spider genus (Araneae, Mysmenidae) from China, with descriptions of two new species and a new combination. 1125, 69-86 ○
- 342 Quantifying households vulnerability, regional environmental indicators and climate change mitigations by using vulnerability framework: A case study of rural Pakistan. 3
- 341 Phylogenetic reconstructions of Polynesian medicinal plant use reveal adaptive strategies to meet health needs. ○
- 340 Phenol and Polyaromatic Hydrocarbons Are Stronger Drivers Than Host Plant Species in Shaping the Arbuscular Mycorrhizal Fungal Component of the Mycorrhizosphere. **2022**, 23, 12585 ○
- 339 Phylogenetic and molecular dating analyses of *Catasetum* (Orchidaceae) indicate a recent origin and artificial subgeneric groups. ○
- 338 Geology-based and ecological processes of divergence between and within species of wingless darkling beetles. ○
- 337 *Prorocentrum pervagatum* sp. nov. (Prorocentrales, Dinophyceae): A new, small, planktonic species with a global distribution. ○
- 336 Morpho-Phylogenetic Evidence Reveals New Species of Fuscosporellaceae and Savoryellaceae from Freshwater Habitats in Guizhou Province, China. **2022**, 8, 1138 ○
- 335 A new species of scops-owl (Aves, Strigiformes, Strigidae, *Otus*) from Principe Island (Gulf of Guinea, Africa) and novel insights into the systematic affinities within *Otus*. 1126, 1-54 ○
- 334 A New Species of *Brachycephalus* (Anura, Brachycephalidae) from a Montane Atlantic Rainforest of Southeastern Brazil, with a Reappraisal of the Species Groups in the Genus. **2022**, 110, ○
- 333 Exploring morphological evolution in relation to habitat moisture in the moss genus *Fissidens* using molecular data generated from herbarium specimens. ○

- 332 Evidence that a lineage of teleost-infecting blood flukes (Aporocotylidae) infects bivalves as intermediate hosts. **2022**, ○
- 331 Revision of *Coronoepimeritus* with Description of *Coronoepimeritus otoensis* n. sp. Infecting the Admirable Grasshopper *Syrbula admirabilis* (Orthoptera: Acrididae). **2022**, 108, ○
- 330 Additions to The Knowledge of Tubakia (Tubakiaceae, Diaporthales) in China. **2022**, 8, 1143 ○
- 329 New Molecular-Based Phylogeny of Mussel-Associated Mites Reveals a New Subgenus and Three New Species Representing an Example of a Host-Driven Radiation in Indochina and Confirms the Concept of Division of the Genus *Unionicola* Haldeman, 1842 (Acari: Unionicolidae) into Numerous Subgenera. **2022**, 14, 848 ○
- 328 Extremely divergent COI sequences within an amphipod species complex: A possible role for endosymbionts?. **2022**, 12, ○
- 327 Historical DNA of rare yellow-eared bats *Vampyressa* Thomas, 1900 (Chiroptera, Phyllostomidae) clarifies phylogeny and species boundaries within the genus. **2022**, 20, ○
- 326 Species delimitation and phylogenetic relationships of *Silene villosa* s.l. (Caryophyllaceae, sect. *Silene* s.l.) using nrDNA ITS and cpDNA rps16. **2022**, 155, 394-403 ○
- 325 Overlooked species diversity in the hyper-arid Sahara Desert unveiled by dryland-adapted lizards. ○
- 324 A new species of feather-tailed leaf-toed gecko, *Kolekanos* Heinicke, Daza, Greenbaum, Jackman, Bauer, 2014 (Squamata, Gekkonidae) from the poorly explored savannah of western Angola. 1127, 91-116 ○
- 323 A new species of *Sturisoma* Swainson, 1838 (Loricariidae: Loricariinae), from the Madeira River basin, with a discussion of historical biogeography of western Amazonas and Paraguay River basins. ○
- 322 *Paraphlomis hsiwenii* (Lamiaceae), a new species from the limestone area of Guangxi, China. 212, 85-96 ○
- 321 Molecular phylogeny of Columbellidae (Gastropoda: Neogastropoda). 10, e13996 ○
- 320 Too early for the ferry: The biogeographic history of the Assamiidae of southeast Asia (Chelicerata: Opiliones, Laniatores). **2023**, 178, 107647 ○
- 319 Characterization of the complete chloroplast genome of *Veronica arvensis* and its phylogenomic inference in plantaginaceae. **2022**, 7, 1928-1932 ○
- 318 New Botrylloides, Botryllus, and Symplegma (Ascidiacea: Styelidae) in Coral Reefs of the Southern Gulf of Mexico and Mexican Caribbean Sea. **2022**, 14, 977 ○
- 317 Endophytic Fungi Associated with *Aquilaria sinensis* (Agarwood) from China Show Antagonism against Bacterial and Fungal Pathogens. **2022**, 8, 1197 ○
- 316 Taxonomic changes in the Lomentariaceae (Rhodymeniales, Rhodophyta): *Yendoa* gen. nov. and *Ceratodictyon sanctae-crucis* sp. nov.. 1-10 ○
- 315 Defensive spines are associated with large geographic range but not diversification in spiny ants (Hymenoptera: Formicidae: Polyrhachis ). 1

- 314 Squash bees host high diversity and prevalence of parasites in the northeastern United States. **2022**, 195, 107848 ○
- 313 South American morels in the *Elata* group: mitosporic states, distributions, and commentary. **2022**, 21, ○
- 312 Comparative Analysis of Whole Chloroplast Genomes of Three Common Species of *Echinochloa* (Gramineae) in Paddy Fields. **2022**, 23, 13864 ○
- 311 On Classification and Taxonomy of Coronaviruses (Riboviria, Nidovirales, Coronaviridae) with Special Focus on Severe Acute Respiratory Syndrome-Related Coronavirus 2 (SARS-CoV-2). **2022**, 17, 289-311 ○
- 310 Two new millipede species of the genus *Coxobolellus* Pimvichai, Enghoff, Panha & Bäckeljäu, 2020 (Diplopoda, Spirobolida, Pseudospirobolellidae). 1128, 171-190 ○
- 309 Taxonomic Novelties of Woody Litter Fungi (Didymosphaeriaceae, Pleosporales) from the Greater Mekong Subregion. **2022**, 11, 1660 1
- 308 Genetic and morphometric analyses of historical type specimens clarify the taxonomy of the Ethiopian *Leptopelis gramineus* species complex (Anura, Arthroleptidae). 1128, 63-97 1
- 307 *Hemipilia avisoides* (Orchidaceae), a new species from Sichuan Province, China. 213, 1-18 ○
- 306 Taxonomic update of species closely related to *Fulvifomes robiniae* in America. **2022**, 21, ○
- 305 *Stenamoeba aeronauta* n. sp., a new case of sibling species in the order Thecamoebida (Amoebozoa, Discosea). **2022**, 125941 ○
- 304 A Phylogenetic Re-Evaluation of the Stenakrine Opecoelids (Trematoda, Digenea: Opecoeloidea) with Some Taxonomic Novelties. **2022**, 14, 949 ○
- 303 Resolving some of the earliest names for *Corallina* species (Corallinales, Rhodophyta) in the north Pacific by sequencing type specimens and describing the cryptic *C. hakodatensis* sp. nov. and *C. parva* sp. nov.. ○
- 302 Novel Species and Records of Dictyosporiaceae from Freshwater Habitats in China and Thailand. **2022**, 8, 1200 1
- 301 Mitogenome recovered from a 19th Century holotype by shotgun sequencing supplies a generic name for an orphaned clade of African weakly electric fishes (Osteoglossomorpha, Mormyridae). 1129, 163-196 ○
- 300 Multi-Gene Phylogenetic Analyses Revealed Five New Species and Two New Records of Distoseptisporales from China. **2022**, 8, 1202 1
- 299 Evolutionary gain and loss of a plant pattern-recognition receptor for HAMP recognition. 11, 1
- 298 Phylogeny, biogeography, and character evolution in the genus *Scilla* s.l. and its close relatives *Chionodoxa*, *Gemicia*, *Puschkinia*, and *Prospero* (Asparagaceae). **2022**, 308, ○
- 297 Testing assertions of widespread introgressive hybridization in a clade of neotropical toads with low mate selectivity (*Rhinella granulosa* species group). ○



- 296 Integrative taxonomy delimits and diagnoses cryptic arboreal species of the *Cyrtodactylus brevipalmatus* group (Squamata, Gekkonidae) with descriptions of four new species from Thailand. 1129, 109-162 ○
- 295 A new species of *Megalaria* (Ramalinaceae, Ascomycota) from Thailand, and recognition of subgenus *Catillochroma*. 93, 149-163 ○
- 294 Molecular assessment of *Ulva* (Ulvales, Chlorophyta) diversity in Vietnam including the new species *U. vietnamensis*. ○
- 293 Complementary antibody lineages achieve neutralization breadth in an HIV-1 infected elite neutralizer. **2022**, 18, e1010945 ○
- 292 Diversity of Siphonaria Sowerby I, 1823 (Gastropoda, Siphonariidae) in the Seychelles Bank and beyond. ○
- 291 Russulaceae of the Pakaraima Mountains of Guyana. IV. New species forming a distinct lineage of *Lactarius* subg. *Plinthogalus*. 1-18 ○
- 290 Morphology and multigene phylogeny revealed <i>Peroneutypa aquilariae</i> sp. nov. (Diatrypaceae, Xylariales) from <i>Aquilaria sinensis</i> in Yunnan Province, China. **2022**, 7, 1-11 ○
- 289 Integrating morphology, molecular phylogeny and chemotaxonomy for the most effective authentication in Chinese *Rubia* with insights into origin and distribution of characteristic Rubiaceae-type cyclopeptides. **2023**, 191, 115775 ○
- 288 Macroevolutionary analyses point to a key role of hosts in diversification of the highly speciose eriophyoid mite superfamily. **2023**, 179, 107676 1
- 287 Integrative taxonomy in the genus *Rhabdias* Stiles et Hassall, 1905 from anuran in Brazil, description of two new species and phylogenetic analyses. **2023**, 93, 102714 ○
- 286 Genetic Diversity and Evolutionary Potential of Rare Plant Species: *Mentzelia mollis* and *M. packardiae* (Loasaceae). **2022**, 82, ○
- 285 Taxonomy and Phylogeny of Fungi Associated with *Mangifera indica* from Yunnan, China. **2022**, 8, 1249 ○
- 284 Phylogeny and biogeography of Indochinese freshwater mussels in the genus *Pilsbryconcha* Simpson, 1900 (Bivalvia: Unionidae) with descriptions of four new species. **2022**, 12, ○
- 283 *Termitomyces pakistanensis*, a new mushroom species from Pakistan based on scanning electron microscopy and ITS-rDNA barcoding. **2023**, 86, 115-121 ○
- 282 Genetic diversity of rodent species sold in South African pet shops. ○
- 281 Systematic notes on three troglobitic *Anapistula* (Araneae, Symphytognathidae) spiders from China, with the descriptions of two new species. 1130, 167-189 ○
- 280 A new *Parakneria* Poll 1965 (Gonorhynchiformes: Kneriidae), *Mikinkidi* from the Upper Lufira Basin (Upper Congo: DRC): Evidence from a morphologic and DNA barcoding integrative approach. ○
- 279 Phylogenomics, plastome structure and species identification in *Mahonia* (Berberidaceae). **2022**, 23, ○

- 278 Integrative studies on three new freshwater *Amphileptus* species (Ciliophora, Pleurostomatida) discovered in northern China. **2022**, 4, 452-470 ○
- 277 Four New Species of *Macquartia* (Diptera: Oestroidea) from China and Phylogenetic Implications of Tachinidae. **2022**, 13, 1096 1
- 276 Cretaceous ornithurine supports a neognathous crown bird ancestor. **2022**, 612, 100-105 4
- 275 The evolution of unique cranial traits in leporid lagomorphs. 10, e14414 ○
- 274 Interplay of Ecological Opportunities and Functional Traits Drives the Evolution and Diversification of Millettiod Legumes (Fabaceae). **2022**, 13, 2220 ○
- 273 A new order, Entrophosporales, and three new Entrophospora species in Glomeromycota. 13, ○
- 272 *Filicapsus smaragdus* gen. et sp. nov. (Heteroptera: Miridae), a new plant bug genus and species from New Guinea. **2022**, 61, 433-447 ○
- 271 Description of the whole mitochondrial genome of *Bhatia longiradiata* (Hemiptera, Cicadellidae, Deltocephalinae: Drabescini) and phylogenetic relationship. ○
- 270 Chromosome Evolution of the *Liolaemus monticola* (Liolaemidae) Complex: Chromosomal and Molecular Aspects. **2022**, 12, 3372 ○
- 269 Phylogeny of the asexual lineage Murrayidae (Macrobiozoidea, Eutardigrada) with the description of. **2022**, 36, 1099-1117 ○
- 268 Molecular phylogeny and revision of species groups of Nearctic bombardier beetles (Carabidae, Brachininae, *Brachinus* ( *Neobrachinus*)). 1131, 155-171 ○
- 267 A Comprehensive Account of the Rust Genus *Skierka* (Skierkaceae). **2022**, 8, 1243 ○
- 266 The evolution of plant proton pump regulation via the R domain may have facilitated plant terrestrialization. **2022**, 5, 1
- 265 A taxonomic assessment of novel and remarkable fungal species in Didymosphaeriaceae (Pleosporales, Dothideomycetes) from plant litter. 13, ○
- 264 *Phalaenopsis medogensis* (Orchidaceae, Epidendroideae, Vandeeae), a new species from Xizang, China. 214, 39-46 ○
- 263 Genomics of *Preaxostyla* Flagellates Illuminates Evolutionary Transitions and the Path Towards Mitochondrial Loss. 1
- 262 Ultrastructure of *Diophrys appendiculata* and new systematic consideration of the euplotid family Uronychiidae (Protista, Ciliophora). **2022**, 4, 551-568 ○
- 261 The plethora of Tubeufiaceae in lakes of the northwestern Yunnan plateau, China. 13, ○

- 260 A new Paleogene fossil and a new dataset for waterfowl (Aves: Anseriformes) clarify phylogeny, ecological evolution, and avian evolution at the K-Pg Boundary. ○
- 259 Lack of host phylogenetic structure in the gut bacterial communities of New Zealand cicadas and their interspecific hybrids. **2022**, 12, ○
- 258 Hemiurid Trematodes (Digenea: Hemiuridae) from Marine Fishes off the Coast of Rio de Janeiro, Brazil, with Novel Molecular Data. **2022**, 12, 3355 ○
- 257 The First Report of a Virulent Newcastle Disease Virus of Genotype VII.2 Causing Outbreaks in Chickens in Bangladesh. **2022**, 14, 2627 ○
- 256 Two New Species and a New Record of *Microdochium* from Grasses in Yunnan Province, South-West China. **2022**, 8, 1297 ○
- 255 Identification of the Pathogen Causing Leaf Spot in *Zinnia elegans* and Its Sensitivity to Five Fungicides. **2022**, 11, 1454 ○
- 254 A broad specificity  $\beta$ -propiolactone hydrolase from *Rhodospirillum rubrum* that hydrolyzes many lactones including  $\gamma$ -valerolactone. **2022**, 102782 ○
- 253 A new concept of *Leptadenia* (Apocynaceae). ○
- 252 Characterization of HIV-1 Transmission Clusters Inferred from the Brazilian Nationwide Genotyping Service Database. **2022**, 14, 2768 ○
- 251 Unveiling mesophotic diversity in Hawaii: two new species in the genera *Halopeltis* and *Leptofaucha* (Rhodiales, Rhodophyta). **2022**, 37, 249-264 1
- 250 Hantavirus Brno loanvirus is highly specific to the common noctule bat (*Nyctalus noctula*) and widespread in Central Europe. 1
- 249 Revising the taxonomic placement of *Laetiporus persicus* within the Laetiporaceae. 1-15 ○
- 248 Impacts of climate change on species distribution patterns of *Polyspora sweetii* in China. **2022**, 12, ○
- 247 Structural Analysis and Diversity of Calmodulin-Binding Domains in Membrane and Intracellular  $\text{Ca}^{2+}$ -ATPases. ○
- 246 Diversity and Phylogenetics of Freshwater Mussels (Unionidae) from Southern Thailand with the Description of One New Genus and Five New Species-Group Taxa. **2023**, 15, 10 ○
- 245 *Drechlerella daliensis* and *D. xiaguanensis* (Orbiliiales, Orbiliaceae), two new nematode-trapping fungi from Yunnan, China. 10, ○
- 244 Root-associated Fungi in Orchidaceae: Diversity, Phylogeny, Ecology, and Outstanding Questions. ○
- 243 Variable organization of symbiont-containing tissue across planthoppers hosting different heritable endosymbionts. ○

- 242 Deep Genotypic Species Delimitation of *Aspergillus* Section *Flavi* Isolated from Brazilian Foodstuffs and the Description of *Aspergillus annui* sp. nov. and *Aspergillus saccharicola* sp. nov.. **2022**, 8, 1279 ○
- 241 Out of Madagascar, repeatedly: The phylogenetics and biogeography of *Dombeyoideae* (Malvaceae s.l.). **2022**, 107687 ○
- 240 Codonoblepharontaeae, a New Major Lineage among Orthotrichoideae (Orthotrichaceae, Bryophyta). **2022**, 11, 3557 ○
- 239 Biogeography of *Rhaponticoides*, an Irano-Turanian element in the Mediterranean flora. **2022**, 12, ○
- 238 Environmental predictors of electroactive bacterioplankton in small boreal lakes. ○
- 237 A new species of *Nidirana* (Anura, Ranidae) from northern Guangxi, China. 1135, 119-137 ○
- 236 Population structure and genetic connectivity of the scalloped hammerhead shark (*Sphyrna lewini*) across nursery grounds from the Eastern Tropical Pacific: Implications for management and conservation. **2022**, 17, e0264879 ○
- 235 A remarkable troglomorphic ant,. **2022**, 36, 1118-1138 ○
- 234 Plastome Characterization, Phylogenetic Relationships, and Regional Conservation Status of *Ficus populifolia* Vahl. (Moraceae), a Peripherally Isolated Plant Population in the Arabian Peninsula. **2022**, 13, 2063 1
- 233 Genome-wide analysis of the TCP gene family and their expression pattern in *Cymbidium goeringii*. 13, 2 ○
- 232 Leaf spot caused by *Neopestalotiopsis* species on *Arecaceae* in Brazil. ○
- 231 Antagonism and molecular identification of *Trichoderma*; isolated from rhizosphere of medicinal plants. 07-16 ○
- 230 Complete mitochondrial genome of the forensically important carrion beetle, *Necrodes nigricornis* (Coleoptera: Silphidae). **2022**, 102033 ○
- 229 Endosomal vesicle fusion machinery is involved with the contractile vacuole in *Dictyostelium discoideum*. ○
- 228 Genome-encoded ABCF factors implicated in intrinsic antibiotic resistance in Gram-positive bacteria: *VmlR2*, *Ard1* and *CplR*. ○
- 227 The *Macrobotus persimilis-polonicus* complex (Eutardigrada, Macrobiotidae), another example of problematic species identification, with the description of four new species. ○
- 226 Time to update the sectional classification of *Ilex* (Aquifoliaceae): new insights from *Ilex* phylogeny, morphology, and distribution. ○
- 225 Richness of *Nigrospora* spp. (Apiosporaceae) in *Manihot esculenta* Cranz in Brazil and the description of three new species. ○

- 224 Phylogenetic revision of Dennstaedtioideae (Dennstaedtiaceae: Polypodiales) with description of *Mucura*, gen. nov.. ○
- 223 Assessing penaeid shrimp diversity in the northwest of Peninsular Malaysia: an integrated framework in taxonomy and phylogeny. ○
- 222 *Colpomenia borea* sp. nov. (Scytosiphonaceae, Phaeophyceae) from Japan and Far East Russia. ○
- 221 Genomic analysis of hypoxia inducible factor alpha in ray-finned fishes reveals missing Ohnologs and evidence of widespread positive selection. **2022**, 12, ○
- 220 A new species of *Cichlidogyrus* Paperna, 1960 (Platyhelminthes: Monogenea: Dactylogyridae) infecting tilapias in Lake Kariba (Zimbabwe), with a discussion on its phylogenetic position. **2022**, 20, ○
- 219 Guess who? Taxonomic problems in the genus *Eiseniella* revisited by integrated approach. ○
- 218 Revised molecular phylogeny, global biogeography, and diversification of palms subfamily Coryphoideae (Arecaceae) based on low copy nuclear and plastid regions. 1
- 217 Genome comparison reveals inversions and alternative evolutionary history of nutritional endosymbionts in planthoppers (Hemiptera: Fulgoromorpha). ○
- 216 Isolation and endemism in the subterranean aquatic snails of the genus *Belgrandiella* A. J. Wagner, 1928 (Caenogastropoda: Truncatelloidea: Hydrobiidae). ○
- 215 The complete chloroplast genome of *Dendrobium moschatum* (Buch.-Ham.) Sw. 1805 (Orchidaceae). **2022**, 7, 2027-2030 ○
- 214 Taxonomy and Multigene Phylogeny of Diaporthales in Guizhou Province, China. **2022**, 8, 1301 ○
- 213 We don't know the half of it: morphological and molecular evidence reveal dramatic underestimation of diversity in a key pollinator group (Nemestrinidae). **2023**, 37, 1 ○
- 212 *Phaeotubakia lithocarpicola* gen. et sp. nov. (Tubakiaceae, Diaporthales) from leaf spots in China. 95, 15-25 ○
- 211 Endophytic Fungi Associated with Mango Show In Vitro Antagonism against Bacterial and Fungal Pathogens. **2023**, 13, 169 ○
- 210 A freshwater mussel species reflects a Miocene stream capture between the Mekong Basin and East Asian rivers. **2023**, 99, 29-43 ○
- 209 Three distinctive *Preussia* (Sporormiaceae) from photosynthetic stems of *Ephedra trifurca* (Ephedraceae, Gnetophyta) in southeastern Arizona, USA. **2022**, 67, 63-74 ○
- 208 Two new records of *Tricholoma* species from Pakistan based on morphological features and phylogenetic analysis. **2022**, 67, 25-33 ○
- 207 Revision on the Genus *Paris* in Thailand, with a New Species *Paris* 'siamensis'. **2023**, 12, 430 ○

- 206 Neotropical Clavulina: Two new species from Mexico and a re-evaluation of *Clavulina floridana*. 1-18 ○
- 205 *Gymnopilus rubellus* sp. nov. from the coniferous forests of Azad Jammu and Kashmir, Pakistan. **2023**, 309, ○
- 204 Endophytic Fungus of *Achyrocline satureioides*: Molecular Identification, Chemical Characterization, and Cytotoxic Evaluation of its Metabolites in Human Melanoma cell line. ○
- 203 Evolutionary history and diversity in the ball roller beetle *Canthon cyanellus*. 10, ○
- 202 Reassessment of the subspecific status of the Australian Wet Tropics yellow-bellied glider, *Petaurus australis*. **2023**, 1
- 201 The complete chloroplast genome of an endangered plant *Artemisia borotalensis* (Asteraceae) and phylogenetic analysis. **2023**, 8, 145-148 ○
- 200 Scratching the surface: a new species of Bent-toed gecko (Squamata, Gekkonidae, *Cyrtodactylus*) from Timor-Leste of the *darmandvillei* group marks the potential for future discoveries. 1139, 107-126 1
- 199 Endophytic species of *Induratia* from coffee and carqueja plants from Brazil and its potential for the biological control of toxicogenic fungi on coffee beans by means of antimicrobial volatiles. ○
- 198 Cosmopolitan abyssal lineages? A systematic study of East Pacific deep-sea squat lobsters (Decapoda: Galatheoidea: Munidopsidae). **2023**, 37, 14 ○
- 197 Molecular phylogeny and genetic diversity of some *Lepidagathis* species (Acanthaceae) based on nuclear and chloroplast regions. 1-16 ○
- 196 Can you find me? A new sponge-like nudibranch from the genus *Jorunna* Bergh, 1876 (Mollusca, Gastropoda, Discodorididae). **2023**, 99, 63-75 ○
- 195 Comparative Analyses of 18 Complete Chloroplast Genomes from Eleven *Mangifera* Species (Anacardiaceae): Sequence Characteristics and Phylogenomics. **2023**, 9, 86 ○
- 194 A new genus, *Complexispora*, with two new species, *C. multistratosa* and *C. mediterranea*, and *Epigeocarpum japonicum* sp. nov.. ○
- 193 Phylogeny and Morphology of Novel Species and New Collections Related to *Sarcoscyphaceae* (Pezizales, Ascomycota) from Southwestern China and Thailand. **2023**, 12, 130 ○
- 192 Integrative approach to species delimitation in Rhizophydiales: novel species of *Angulomyces*, *Gorgonomyces*, and *Terramyces* from northern Thailand. **2023**, 107706 ○
- 191 Spatiotemporal process of long-distance seed dispersal in a pantropically distributed sea hibiscus group. ○
- 190 Unraveling the Secrets of a Double-Life Fungus by Genomics: *Ophiocordyceps australis* CCMB661 Displays Molecular Machinery for Both Parasitic and Endophytic Lifestyles. **2023**, 9, 110 1
- 189 A review of bats of the genus *Pseudoromicia* (Chiroptera: Vespertilionidae) with the description of a new species. **2023**, 21, ○

- 188 Molecular analyses of pseudoscorpions in a subterranean biodiversity hotspot reveal cryptic diversity and microendemism. **2023**, 13, ○
- 187 Morphological and molecular characterization of *Cosmocercoides amapari* n. sp. (Nematoda: Cosmocercidae), parasitic in hylid frogs from the Brazilian Amazon. 1-34 ○
- 186 Pestalotioid Species Associated with Medicinal Plants in Southwest China and Thailand. ○
- 185 Biochemical and Genomic Characterization of Two New Strains of *Lacticaseibacillus paracasei* Isolated from the Traditional Corn-Based Beverage of South Africa, Mahewu, and Their Comparison with Strains Isolated from Kefir Grains. **2023**, 12, 223 ○
- 184 The evolutionary journey of freshwater crabs of the genus *Potamon* (Decapoda: Brachyura: Potamidae). **2023**, 180, 107690 ○
- 183 Phylogeny of the *Pyrenula ochraceoflava* group (Pyrenulaceae) reveals near-cryptic diversification and the inclusion of the *Mazaediothecium album* aggregate. **2022**, 125, ○
- 182 Morphological and Genetic Characterization of *Didelphonema longispiculata* (Nematoda: Spiruroidea) in the Black-Eared Opossum *Didelphis marsupialis*. **2022**, 108, ○
- 181 Morphological description and phylogenetic position of xiphidiate cercaria of *Prosthogonimus pellucidus* (Trematoda: Digenea). **2022**, 19, 425-432 ○
- 180 Exploring the tempo of species diversification in *Astragalus* section *Inceni* DC. based on nuclear and plastid DNA sequences. **2022**, 54, 1271-1284 ○
- 179 Big diversity in a small hotspot: two new species of *Leptophlebiidae* (Insecta, Ephemeroptera) from New Caledonia. 1143, 71-88 ○
- 178 Identification and characterization of *Colletotrichum* species causing kiwifruit anthracnose in Kagawa Prefecture, Japan. ○
- 177 New findings in *Onosma* section *Protonosma* (Boraginaceae) using morphological and molecular evidence. 1-18 ○
- 176 Re-discovery and novel contributions to morphology and multigene phylogeny of (Raabe, 1968) *Aescht*, 2001 (Ciliophora: Pleuronematida), an obligate symbiont of the river nerite *Linnaeus*, 1758 (Mollusca: Gastropoda). **2023**, 125956 ○
- 175 Morphological and molecular characterization of *Nothopassalora personata* from Argentina. ○
- 174 Systematic revision of the snorkel snail genus *Rhiostoma* Benson, 1860 (Gastropoda, Caenogastropoda, Cyclophoridae) with descriptions of new species. 1142, 1-144 ○
- 173 An integrated approach to explore the monophyletic status of the cosmopolitan genus *Hexabathynella* (Crustacea, Bathynellacea, Parabathynellidae): two new species from Rottneest Island (Wadjemup), Western Australia. **2023**, 21, ○
- 172 Description of *Paravulvulus zhongshanensis* sp. nov. (Dorylaimida: Nygolaimidae) from Nanjing, China. **2023**, 97, ○
- 171 Re-Evaluating Botryosphaerales: Ancestral State Reconstructions of Selected Characters and Evolution of Nutritional Modes. **2023**, 9, 184 ○

- 170 Museum specimens of a landlocked pinniped reveal recent loss of genetic diversity and unexpected population connections. **2023**, 13, ○
- 169 Draft Genome Sequence of an Isolate of Genotype VII Newcastle Disease Virus Isolated from an Outbreak in Fighting Cock in Peru. ○
- 168 A new species of the *Cyrtodactylus brevipalmatus* group (Squamata, Gekkonidae) from the uplands of western Thailand. 1141, 93-118 ○
- 167 Phylogenetic Relationships in the Group *Caespitosa* of *Paspalum* L. (Poaceae, Panicoideae, Paspaleae). **2023**, 15, 134 ○
- 166 Phylogenetics of the Andean tree genus *Ruarea* (Meliaceae): implications for taxonomy. ○
- 165 Systematics of *Ditaxinae* and Related Lineages within the Subfamily *Acalyphoideae* (*Euphorbiaceae*) Based on Molecular Phylogenetics. **2023**, 12, 173 1
- 164 DNA barcoding of the intertidal chitons of the genera *Stenoplax* Dall, 1879 and *Callistochiton* Carpenter in Dall, 1879 from the Mexican Tropical Pacific with the description of two new species. **2023**, 53, ○
- 163 Fungi in hair roots of *Vaccinium* spp. (*Ericaceae*) growing on decomposing wood: colonization patterns, identity, and in vitro symbiotic potential. ○
- 162 *Diploschistes viridis* sp. nov. (Lichenized Ascomycota, Thelotremales) from Pakistan. **2022**, 49, S77-S82 ○
- 161 *Termitomyces islamabadensis* sp. nov. (*Lyophyllaceae*, *Agaricales*) from the Foothills of the Pakistani Himalayas. **2022**, 49, S66-S76 ○
- 160 Subspecies identification of Lesser Whitethroats, *Sylvia curruca*, wintering in southern Iran as inferred from DNA sequences (*Aves: Sylviidae*). **2023**, 69, 6-12 ○
- 159 Phylogeography of the Western Populations of *Stylodipus telum* (*Rodentia, Dipodidae*) based on Mitochondrial DNA. **2023**, 57, 13-18 ○
- 158 The genus *Microcotyle* in Mediterranean scorpaenoids (*Teleostei*), including the description of *Microcotyle merche* n. sp. from *Helicolenus dactylopterus* (Delaroche, 1809). **2023**, 97, ○
- 157 Plastid phylogenomics and molecular evolution of *Thismiaceae* (*Dioscoreales*). ○
- 156 Evolutionary Patterns of the Chloroplast Genome in Vanilloid Orchids (*Vanilloideae, Orchidaceae*). **2023**, 24, 3808 ○
- 155 Deep mtDNA Sequence Divergences and Possible Species Radiation of Whip Spiders (*Arachnida, Amblypygi, Phryniidae, Phrynus/Paraphrynus*) among Caribbean Oceanic and Cave Islands. **2023**, 3, 133-147 ○
- 154 A polyphasic approach to the taxonomy of *Backusella* reveals two new species. **2023**, 22, ○
- 153 The Lichen Genus *Sticta* (*Lobariaceae, Peltigerales*) in East African Montane Ecosystems. **2023**, 9, 246 ○



- 152 *Collybiopsis pakistanica* (Omphalotaceae, Agaricales, Basidiomycota), a new mushroom species from Margalla Hills, Pakistan and two new combinations. ○
- 151 Report of two distinct ribotypes in ITS sequences of *Phalaris arundinacea* (Poaceae) in western Canada and Alaska. 11, ○
- 150 Back to the roots, desiccation and radiation resistances are ancestral characters in bdelloid rotifers. **2023**, 21, ○
- 149 *Pseudobangia corderoi* sp. nov. (Bangiales, Rhodophyta) from the Philippines. 1-7 ○
- 148 New species of the genus *Astyris* (Gastropoda: Neogastropoda: Buccinoidea: Columbellidae) from the vicinity of hydrothermal vents of the Piip Volcano, southwestern Bering Sea. **2023**, 5263, 441-450 1
- 147 Molecular phylogeny and inflorescence evolution of *Prunus* (Rosaceae) based on RAD-seq and genome skimming analyses. **2023**, ○
- 146 *Torymus sinensis* against the invasive chestnut gall wasp: Evaluating the physiological host range and hybridization risks of a classical biological control agent. **2023**, 180, 105187 ○
- 145 Diversification of the African legless skinks in the subfamily Acontinae (Family Scincidae). **2023**, 182, 107747 ○
- 144 Taxonomic insights and evolutionary history in East Asian terrestrial slugs of the genus *Meghimatium*. **2023**, 182, 107730 ○
- 143 Cryptic carnivores: Intercontinental sampling reveals extensive novel diversity in a genus of freshwater annelids. **2023**, 182, 107748 ○
- 142 Phylogenomics and biogeography of arid-adapted *Chlamydogobius* goby fishes. **2023**, 182, 107757 ○
- 141 The systematics and evolution of the Sri Lankan rainforest land snail *Corilla*: New insights from RADseq-based phylogenetics. **2023**, 182, 107731 ○
- 140 Phylogenomics and taxon-rich phylogenies of new and historical specimens shed light on the systematics of *Hypnea* (Cystocloniaceae, Rhodophyta). **2023**, 183, 107752 ○
- 139 First report of the beetle *Henosepilachna nana* (Kapur, 1950) (Coleoptera: Coccinellidae) from Maharashtra with special reference to molecular phylogeny and host plants. **2023**, 15, 22859-22865 ○
- 138 Phylogenomic Analysis of Two Species of *Parasenecio* and Comparative Analysis within Tribe Senecioneae (Asteraceae). **2023**, 15, 563 ○
- 137 The phylogeny and divergence times of leaf-mining flies (Diptera: Agromyzidae) from anchored phylogenomics. **2023**, 184, 107778 ○
- 136 Two taxa of the genus *Sticta* (Peltigerales, Ascomycota), *S. andina* and *S. scabrosa* subsp. *scabrosa*, new to Bolivia confirmed by molecular data. **2022**, 67, 45-54 ○
- 135 Introducing a new member of the genus *Chlorophyllum*: *Chlorophyllum sapukai* sp. nov., and new records from Paraguay. **2022**, 67, 75-85 ○

- 134 *Beauveria australis* finds a new host in French dung beetles introduced to Australia. **2023**, 197, 107889 ○
- 133 A three-gene phylogeny supports taxonomic rearrangements in the family Didymiaceae (Myxomycetes). **2023**, 22, ○
- 132 The use of Anchored Hybrid Enrichment data to resolve higher-level phylogenetic relationships: A proof-of-concept applied to Asterales (Eudicotyledoneae; Angiosperms). **2023**, 181, 107714 ○
- 131 First report of *Paramyrothecium foliicola* causing leaf spots on hop. **2023**, 18, ○
- 130 Novelties in Microthyriaceae (Microthyriales): Two New Asexual Genera with Three New Species from Freshwater Habitats in Guizhou Province, China. **2023**, 9, 178 ○
- 129 Applying a modified metabarcoding approach for the sequencing of macrofungal specimens from fungarium collections. **2023**, 11, ○
- 128 Diversification of spiny-throated reed frogs (Anura: Hyperoliidae) with the description of a new, range-restricted species from the Ukaguru Mountains, Tanzania. **2023**, 18, e0277535 ○
- 127 A Revision of the *Rhinolophus hipposideros* group (Chiroptera: Rhinolophidae) with Definition of an Additional Species from the Middle East. **2023**, 24, ○
- 126 A new species of *Dipsas* (Serpentes, Dipsadidae) from central Panama. 1145, 131-167 ○
- 125 Description of a new oxytrichid ciliate, *Oxytricha buxai* n. sp. and redescription of *O. quadricirrata* Blatterer and Foissner, 1988 based on morphology and 18S rDNA analyses. **2023**, 88, 125959 ○
- 124 *Lecanora neobarkmaniana* (Lecanorales, Lecanoraceae), A New Lichen Species from South Korea. **2023**, 51, 16-25 ○
- 123 Not the Last Piece of the Puzzle: *Niphargus* Phylogeny in Hungary. **2023**, 15, 223 ○
- 122 Phylogeny of sea spiders (Arthropoda: Pycnogonida) inferred from mitochondrial genome and 18S ribosomal RNA gene sequences. **2023**, 182, 107726 ○
- 121 Pet Rats as the Likely Reservoir for Human Seoul Orthohantavirus Infection. **2023**, 15, 467 ○
- 120 Morphology and Phylogeny Reveal Three *Montagnula* Species from China and Thailand. **2023**, 12, 738 ○
- 119 Two new species of *Astrothelium* from Sud Yungas in Bolivia and the first discovery of vegetative propagules in the family Trypetheliaceae (lichen-forming Dothideomycetes, Ascomycota). 95, 83-100 ○
- 118 Morphological and molecular analyses reveal two new species of *Termitomyces* (Agaricales, Lyophyllaceae) and morphological variability of *T. intermedius*. 95, 61-82 ○
- 117 An Update of the Cenchrinae (Poaceae, Panicoideae, Paniceae) and a New Genus for the Subtribe to Clarify the Dubious Position of a Species of *Panicum* L.. **2023**, 12, 749 ○

- 116 Uncovering a Complex Virome Associated with the Cacao Pathogens *Ceratocystis cacaofunesta* and *Ceratocystis fimbriata*. **2023**, 12, 287 ○
- 115 Molecular phylogeny, systematics and biogeography of the subfamily Nemognathinae (Coleoptera, Meloidae). **2023**, 37, 101-116 ○
- 114 Assessing the Biocontrol Potential of *Clonostachys* Species Isolated as Endophytes from *Coffea* Species and as Mycoparasites of *Hemileia* Rusts of Coffee in Africa. **2023**, 9, 248 ○
- 113 *Cladosporium* Species Associated with Fruit Trees in Guizhou Province, China. **2023**, 9, 250 ○
- 112 Catch-All No More: Integrative Systematic Revision of the Genus *Allolobophora* Eisen, 1874 (*Crassiclitellata*, *Lumbricidae*) with the Description of Two New Relict Earthworm Genera. **2023**, 2023, 1-14 ○
- 111 A novel coniothyrium-like genus in *Coniothyriaceae* (*Pleosporales*) from salt marsh ecosystems in Thailand. **2023**, 8, 1-10 ○
- 110 Three new yeast species from flowers of *Camellia sinensis* var. *assamica* collected in Northern Thailand and their tannin tolerance characterization. 14, ○
- 109 *Chaenothecopsis* (*Mycocaliciales*, *Ascomycota*) from exudates of endemic New Zealand *Podocarpaceae*. 95, 101-129 ○
- 108 *Exitianus atratus* (Hemiptera: *Cicadellidae*) a vector of phytoplasmas: morphometry, DNA barcode and phylogenetic relationships for nymphs and adults from Colombia. ○
- 107 A new species of *Neofavolus* (*Polyporales*, *Basidiomycota*) from Brazil. **2023**, 64, 69-73 ○
- 106 First record of North Italian roach, *Leucos aula* (Bonaparte, 1841) on the Pag Island, Croatia: Relict of the last glacial maximum?. ○
- 105 Parallel evolution and cryptic diversification in a common and widespread Amazonian tree, *Protium subserratum*. ○
- 104 Identification and Characterization of *Fusarium* Species Causing Watermelon Fruit Rot in Northern Thailand. **2023**, 12, 956 ○
- 103 Hemogregarine Diversity Infecting Brazilian Turtles with a Description of Six New Species of *Haemogregarina* (*Apicomplexa*: *Adeleorina*: *Haemogregarinidae*). **2023**, 15, 296 ○
- 102 First report of *Colletotrichum spaethianum* causing anthracnose disease on *Bletilla striata*. 1-10 ○
- 101 First draft of an annotated genome for a lichenised strain of the green alga *Diplosphaera chodatii* (*Prasiolales*, *Trebouxiophyceae*). 1-11 ○
- 100 Diversity, taxonomy, and history of the tropical fern genus *Didymoglossum* Desv. (*Hymenophyllaceae*, *Polypodiidae*) in Africa. ○
- 99 Comprehensive molecular and morphological analysis of *Brachystemma calycinum* and *Stellaria ovatifolia* in the tribe *Alsineae* (*Caryophyllaceae*). 220, 1-16 ○

- 98 Profile of Bionectriaceae, Calcarisporiaceae, Hypocreaceae, Nectriaceae, Tilachlidiaceae, Ijuhyaceae fam. nov., Stromatonectriaceae fam. nov. and Xanthonectriaceae fam. nov. **2023**, 118, 95-271 ○
- 97 Comparative phylogeography and integrative systematic revision of Iberian endemic earthworms (Crassiclitellata, Lumbricidae). ○
- 96 Endophytic Colletotrichum (Sordariomycetes, Glomerellaceae) species associated with Citrus grandis cv. 'Mentosa' in China. 95, 163-188 ○
- 95 Fungal diversity notes 1512–1610: taxonomic and phylogenetic contributions on genera and species of fungal taxa. **2022**, 117, 1-272 2
- 94 Diversity of the genus Avrainvillea (Dichotomosiphonaceae, Chlorophyta): new insights and eight new species. 1-28 ○
- 93 Roadmap to the study of gene and protein phylogeny and evolution: a practical guide. **2023**, 18, e0279597 ○
- 92 The molecular phylogenetic position of Harpagocarpus (Polygonaceae) sheds new light on the infrageneric classification of Fagopyrum. 220, 109-126 ○
- 91 Molecular and morphological characterization of Tylenchus zeae n. sp. (Nematoda: Tylenchida) from Corn (Zea mays) in South Carolina. **2023**, 55, ○
- 90 Molecular exploration of fossil eggshell uncovers hidden lineage of giant extinct bird. **2023**, 14, ○
- 89 Do Deep Mitochondrial DNA Divergences within Intertidal Gastropods Reveal Phylogeographic Signals from Earlier Glacial Cycles?. **2023**, 15, 346 ○
- 88 Characterization of eyes, photoreceptors, and opsins in developmental stages of the arrow worm Spadella cephaloptera (Chaetognatha). ○
- 87 Multi-gene phylogeny and morphology of two new Phyllosticta (Phyllostictaceae, Botryosphaerales) species from China. 95, 189-207 ○
- 86 An earliest Paleocene squirrelfish (Teleostei: Beryciformes: Holocentroidea) and its bearing on the timescale of holocentroid evolution. **2023**, 21, ○
- 85 Assessment of the Diversity, Distinctiveness and Conservation of Australia's Central Queensland Coastal Rainforests Using DNA Barcoding. **2023**, 15, 378 ○
- 84 Diversity, Distribution, Systematics and Conservation Status of Podocarpaceae. **2023**, 12, 1171 ○
- 83 Molecular phylogenetics coupled with morphological analyses of Arctic and Antarctic strains place Chamaepinnularia (Bacillariophyta) within the Sellaphoraceae. ○
- 82 First record and description of three new species in the land snail genus Diplommatica Benson, 1849 (Caenogastropoda, Diplommaticinidae) from Satun Province, Thailand. **2023**, 99, 195-207 ○
- 81 Multiple domestication events explain the origin of Gossypium hirsutum landraces in Mexico. **2023**, 13, ○

- 80 A plastid phylogenomic framework for the palm family (Arecaceae). **2023**, 21, ○
- 79 Morphology, morphogenesis and molecular phylogeny of a novel saline soil ciliate, *Urosoma quadrinucleatum* n. sp. (Ciliophora, Hypotrichia). **2023**, 88, 125970 ○
- 78 The model diatom *Phaeodactylum tricornutum* provides insights into the diversity and function of microeukaryotic DNA methyltransferases. **2023**, 6, ○
- 77 *Hedyotis konhanungensis* (Rubiaceae): A new species from the central highlands of Vietnam. 221, 73-84 ○
- 76 New Approach to the Systematics of the Section *Psammiris* (Iris, Iridaceae): What Does Chloroplast DNA Sequence Tell Us?. **2023**, 12, 1254 ○
- 75 Mitochondrial phylogeography of grassland caterpillars (Lepidoptera: Lymantriinae:Gynaephora) endemic to the Qinghai-Tibetan Plateau. ○
- 74 Litthabitellidae: a new family of the Truncatelloidea (Mollusca: Caenogastropoda). **2023**, 57, 299-329 ○
- 73 Exploring More on Dictyosporiaceae: The Species Geographical Distribution and Intriguing Novel Additions from Plant Litter. **2023**, 15, 410 ○
- 72 Complete Chloroplast Genome of Four Thai Native *Dioscorea* Species: Structural, Comparative and Phylogenetic Analyses. **2023**, 14, 703 ○
- 71 Phylogenetic relationships of the Geoplaninae land planarians (Platyhelminthes, Tricladida) assessed with a total evidence approach, with the description of a new species of *Gigantea*. **2023**, 107750 ○
- 70 *Carex quixotiana* (Cyperaceae), a new Iberian endemic from Don Quixote's land (La Mancha, S Spain). 221, 161-186 ○
- 69 Rhizosphere microbial community assembly and association networks strongly differ based on vegetation type at a local environment scale. 14, ○
- 68 More than a prickly morphology: plastome variation in the prickly pear cacti (Opuntieae). ○
- 67 Asymmetric evolution of protein domains in the leucine-rich repeat receptor-like kinase (LRR-RLK) family of plant developmental coordinators. ○
- 66 *Geastrum suae* sp. nov. (Geastraceae, Basidiomycota) a new species from Yunnan Province, China. 11, ○
- 65 *Ilex danxiaensis* (Aquifoliaceae), a Distinct New Tree Species Endemic to Danxia Mountain in Guangdong Province, China, Based on Molecular and Morphological Evidence. **2023**, 14, 583 ○
- 64 Comparative mitogenomics of native European and alien Ponto-Caspian amphipods. ○
- 63 Environment rather than character displacement explains call evolution in glassfrogs. **2023**, 77, 355-369 ○

- 62 High Andean Steppes of Southern Chile Contain Little-Explored Peltigera Lichen Symbionts. **2023**, 9, 372 ○
- 61 One Health Surveillance Highlights Circulation of Viruses with Zoonotic Potential in Bats, Pigs, and Humans in Viet Nam. **2023**, 15, 790 ○
- 60 Revealing the Stygobiotic and Crenobiotic Molluscan Diversity in the Caucasus: Part IV Crenobiotic Belgrandiellinae Radoman, 1983 (Mollusca, Hydrobiidae) from Georgia. **2023**, 15, 450 ○
- 59 Phylogenomic inference of the higher classification of velvet ants (Hymenoptera: Mutillidae). ○
- 58 Variable organization of symbiont-containing tissue across planthoppers hosting different heritable endosymbionts. 14, ○
- 57 Coccoloba-associated xerocomoid boletes (Boletaceae) from the Caribbean and Mexico: *Tropicoboletus ruborculus* gen. et comb. nov., revision of *Xerocomus coccolobae*, phylogenetic assessment of *Singerocomus guadelupae* comb. nov., and type studies of *Xerocomus* *serotinus* (Coccoloba), *X. concolor*, and *X. pseudobolbitis* (Coccoloba). **2023**, 33, 1-12 ○
- 56 Lost characters and lost taxonomists: Coelocarteriidae fam. nov., Poecilosclerida with and without chelae, to accommodate supposed phloeodictyids (Haplosclerida). **2023**, 37, 192-210 ○
- 55 Impact of the Dimethyl Sulfoxide Reductase Superfamily on the Evolution of Biogeochemical Cycles. **2023**, 11, ○
- 54 Genomes of four *Streptomyces* strains reveal insights into putative new species and pathogenicity of scab-causing organisms. **2023**, 24, ○
- 53 *Callicarpa stoloniformis* (Lamiaceae), a new species from Southeast China based on morphological characters and phylogenetic evidence. **2023**, 13, ○
- 52 Freshwater fungi from karst landscapes in China and Thailand. **2023**, 119, 1-212 ○
- 51 *Pseudolepraria*, a new leprose genus revealed in Ramalinaceae (Ascomycota, Lecanoromycetes, Lecanorales) to accommodate *Lepraria stephaniana*. 96, 97-112 ○
- 50 Checking the balance between pathogenic and mutualistic pine needle fungi of the genus *Lophodermium* in forested and urban areas of Slovakia. **2023**, 38, 39-48 ○
- 49 First report of *Erysiphe astragali* causing powdery mildew on *Astragalus strictus* in Tibet, China. ○
- 48 Comparative analysis of complete *Artemisia* subgenus *Seriphidium* (Asteraceae: Anthemideae) chloroplast genomes: insights into structural divergence and phylogenetic relationships. **2023**, 23, ○
- 47 Clavarioid fungi from Brazil: novelties in *Clavulina* (Cantharellales). **2023**, 22, ○
- 46 *Neocamarosporium aquaticum* (Neocamarosporiaceae, Dothideomycetes), a novel fungus from salt marsh habitats. **2023**, ○
- 45 Evolutionary history of inshore oceanic island land snails diversified in shell colour. ○

- 44 New records of parasitic fungi on *Cassia fistula* and *Leucaena leucocephala* (Fabaceae) in Colombia. 1-10 ○
- 43 PHILONOTIS BREUTELIOIDES (BARTRAMIACEAE, BRYOPHYTA), A NEW MONTANE FEN MOSS SPECIES ENDEMIC TO CALIFORNIA. **2023**, 69, ○
- 42 Two new species of *Scolecobasidium* (Venturiales, Symptoventuriaceae) associated with true mangrove plants and *S. terrestre* comb. nov.. 96, 113-126 ○
- 41 Fungal Diversity Associated with Thirty-Eight Lichen Species Revealed a New Genus of Endolichenic Fungi, *Intumescenia* gen. nov. (Teratosphaeriaceae). **2023**, 9, 423 ○
- 40 Conservation Genetics of the Critically Endangered Southern River Terrapin (*Batagur affinis*) in Malaysia: Genetic Diversity and Novel Subspecies Distribution Ranges. **2023**, 12, 520 ○
- 39 Studies on the Genus *Pyrenopolyporus* (Hypoxyalaceae) in Thailand Using a Polyphasic Taxonomic Approach. **2023**, 9, 429 ○
- 38 Molecular phylogeny of the snorkel snail *Rhiostoma housei*, a species complex from Thailand with descriptions of three new species. **2023**, 37, 211-229 ○
- 37 The oldest case of paedomorphosis in rove beetles and description of a new genus of Paederinae from Cretaceous amber (Coleoptera: Staphylinidae). **2023**, 13, ○
- 36 Reinstatement of *Corallina chilensis* (Corallinaceae, Rhodophyta) based on DNA sequencing of the type material collected by Darwin. 1-14 ○
- 35 Comparative genomics of *Viola selkirkii* and *V. ulleungdoensis* (Violaceae). **2023**, 53, 38-46 ○
- 34 In defense of Apocynaceae: inference on evolution of pyrrolizidine alkaloids from evolution of an enzyme in their biosynthetic pathway, homospermidine synthase. ○
- 33 First report of *Spirometra* (Eucestoda; Diphyllbothriidae) naturally occurring in a fish host. 70, ○
- 32 *Gibbalaria* : A new genus of Olethreutini from the Afrotropical Region (Lepidoptera: Tortricidae: Olethreutinae), and a new combination in *Cosmopoda* Diakonoff. **2023**, 5263, 217-239 ○
- 31 Morphology and phylogeny of *Diderma aurantiacum* (Myxomycetes) a new species for Russia from the Far East. **2023**, 57, 27-42 ○
- 30 On the genus *Oncophorus* (Rhabdoweisiaceae, Bryophyta) in Russia. **2023**, 57, 123-142 ○
- 29 *Tuber rugosum*, a new species from northeastern North America: Slug mycophagy aides in electron microscopy of ascospores. 1-17 ○
- 28 Rearranging the Bird's Nest Fungi: molecular review of internal clades in *Cyathus* (Nidulariaceae, Basidiomycota). **2023**, 14, ○
- 27 Integrative taxonomy using the plant core DNA barcodes in Sumatra's Burseraceae. **2023**, 13, ○

- 26 Morphology and phylogeny revealed *Tomophagus cattienensis* (Ganodermataceae) as a new record for India. ○
- 25 First national record of *Microhyla hmongorum* Hoang, Nguyen, Phan, Pham, Ninh, Wang, Jiang, Ziegler and Nguyen, 2022 (Anura, Microhylidae, Microhyla) in China. 11, ○
- 24 An evolutionary paradox on threadsnakes: Phenotypic and molecular evidence reveal a new and remarkably polymorphic species of *Siagonodon* (Serpentes: Leptotyphlopidae: Epictinae) from Amazonia. 73, 345-366 ○
- 23 Disentangling the Taxonomy, Systematics, and Life History of the Spider-Parasitic Fungus *Gibellula* (Cordycipitaceae, Hypocreales). **2023**, 9, 457 ○
- 22 Molecular phylogenetic and morphological support for the recognition of *Friesodielsia lalisae* (Annonaceae), a new species from S Thailand. **2023**, 53, ○
- 21 *Fusarium* diversity from the Golden Gate Highlands National Park. 14, ○
- 20 Ecology determines appearance: a new taxonomic solution for the soft bottom dwelling spider crab *Pisoides bidentatus* (A. Milne-Edwards, 1873) from the Sea of Japan, with remarks on *Pisoides ortmanni* (Balss, 1924) and the northwestern Pacific *Pugettia* Dana, 1851 (Majoidea: Epialtidae). **2023**, 5264, 221-234 ○
- 19 Stable endocytic structures navigate the complex pellicle of apicomplexan parasites. **2023**, 14, ○
- 18 A tough nutlet to crack: resolving the phylogeny of *Thesium* (Thesiaceae), the largest genus in Santalales. ○
- 17 The microbiome of the endosymbiotic Symbiodiniaceae in corals exposed to thermal stress. ○
- 16 Neotypification of *Muyocopron dipterocarpi*, a new host record on *Zanthoxylum fagara* (Rutaceae) and the potential for secondary metabolite production in *Muyocopronaceae*. **2023**, 0-0 ○
- 15 Post-harvest sour rot in sweet potato is caused by *Geotrichum candidum* in Brazil. ○
- 14 Prevalence of haemosporidia in Asian Glossy Starling with discovery of misbinding of *Haemoproteus*-specific primer to *Plasmodium* genera in Sarawak, Malaysian Borneo. **2023**, 19, ○
- 13 Taxonomy and phylogeny of *Sidera* (Hymenochaetales, Rickenella clade) from China and North America revealing two new species. 96, 173-191 ○
- 12 Single-cell adaptations shape evolutionary transitions to multicellularity in green algae. ○
- 11 A new genus, *Complexispora*, with two new species, *C. multistratosa* and *C. mediterranea*, and *Epigeocarpum japonicum* sp. nov.. **2023**, 22, ○
- 10 Origin and diversification of a Himalayan orchid genus *Pleione*. **2023**, 107797 ○
- 9 *Pestalotiopsis trachycarpicola* causes leaf spot disease on blueberry in Santa Catarina, Brazil. **2023**, 18, ○



- 8 Low Genetic Diversity in the Highly Morphologically Diverse *Sida fallax* Walp. (Malvaceae) Throughout the Pacific1. **2023**, 76, ○
- 7 A New Species and a New Record of the Genus *Phaeophyscia* Moberg (Lecanorales, Physciaceae) from Pakistan Supported by Phenotypic and Molecular Phylogenetic Analyses. **2023**, 44, ○
- 6 A New Assessment of Robust Capuchin Monkey (*Sapajus*) Evolutionary History Using Genome-Wide SNP Marker Data and a Bayesian Approach to Species Delimitation. **2023**, 14, 970 ○
- 5 *Apostasia* Mitochondrial Genome Analysis and Monocot Mitochondria Phylogenomics. **2023**, 24, 7837 ○
- 4 Richness of *Nigrospora* spp. (Apiosporaceae) in *Manihot esculenta* in Brazil and the description of three new species. **2023**, 22, ○
- 3 The complete chloroplast genome sequence of *Eugenia klotzschiana* O. Berg unveils the evolutionary dynamics in plastomes of Myrteae DC. tribe (Myrtaceae). **2023**, 147488 ○
- 2 Mitogenomic phylogenetic analyses provide novel insights into the taxonomic problems of several hesperiid taxa (Lepidoptera: HesperIIDae). **2023**, 13, ○
- 1 Molecular and morphological approaches redefine the limits among polymorphic species in the Neotropical longhorn beetle genus, *Myzomorpha* Sallé (Coleoptera: Cerambycidae: Prioninae). **2023**, 5285, 252-270 ○