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2030	Geographic distribution patterns of vertically transmitted endophytes in two native grasses in Argentina. 2013 , 59, 99-110	8
2029	Tropical oomycetes in the German Bight – Climate warming or overlooked diversity?. 2013 , 6, 152-160	25
2028	Pharmacological properties of blister beetles (Coleoptera: Meloidae) promoted their integration into the cultural heritage of native rural Spain as inferred by vernacular names diversity, traditions, and mitochondrial DNA. 2013 , 147, 570-83	16
2027	Identification of a new species of <i>Cercospora</i> causing leaf spot disease in <i>Capsicum assamicum</i> in northeastern India. 2013 , 164, 894-902	6
2026	Low heterogeneity in populations of the terrestrial earthworm, <i>Metaphire peguana</i> (Rosa, 1890), in Thailand, as revealed by analysis of mitochondrial DNA COI sequences and nuclear allozymes. 2013 , 51, 8-15	10
2025	Elucidating the origin of the ExbBD components of the TonB system through Bayesian inference and maximum-likelihood phylogenies. 2013 , 69, 674-86	6
2024	Conserved structural complement component C3 in miiuy croaker <i>Miichthys miiuy</i> and their involvement in pathogenic bacteria induced immunity. 2013 , 35, 184-7	13
2023	Nonhuman primate retroviruses from Cambodia: high simian foamy virus prevalence, identification of divergent STLV-1 strains and no evidence of SIV infection. 2013 , 18, 325-34	17
2022	Evolution of leaf anatomy and photosynthetic pathways in Portulacaceae. 2013 , 100, 2388-402	36
2021	High levels of mitochondrial cytochrome b sequence diversity are present within the <i>Anthus similis</i> complex in sub-Saharan Africa. 2013 , 84, 145-151	1
2020	Shifts in diversification rates and clade ages explain species richness in higher-level sedge taxa (Cyperaceae). 2013 , 100, 2403-11	31
2019	DNA barcoding for the identification of eight species members of the Thai <i>Hyrcaus</i> Group and investigation of their stenogamous behavior. 2013 , 336, 449-56	11

2018	Variability of leaf morphology and marker genes of members of the halophila complex collected in Viet Nam. 2013 , 110, 6-15	9
2017	Evolution of microhabitat association and morphology in a diverse group of cryptobenthic coral reef fishes (Teleostei: Gobiidae: Eviota). 2013 , 66, 391-400	43
2016	Characterization and metal-induced gene transcription of two new copper zinc superoxide dismutases in the solitary ascidian <i>Ciona intestinalis</i> . 2013 , 140-141, 369-79	32
2015	The evolutionary origins of chordate hematopoiesis and vertebrate endothelia. 2013 , 375, 182-92	39
2014	Molecular phylogeny of the land snail genus <i>Alopiia</i> (Gastropoda: Clausiliidae) reveals multiple inversions of chirality. 2013 , 167, 259-272	15
2013	Molecular phylogeny of the genus <i>Taenia</i> (Cestoda: Taeniidae): proposals for the resurrection of <i>Hydatigera</i> Lamarck, 1816 and the creation of a new genus <i>Versteria</i> . 2013 , 43, 427-37	99
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2011	Genetic tracking of mice and other bioproxies to infer human history. 2013 , 29, 298-308	68
2010	The unbearable uncertainty of Bayesian divergence time estimation. 2013 , 51, 30-43	83
2009	Inferences on the origins of polyploid <i>Turnera</i> species (Passifloraceae) based on molecular data. 2013 , 91, 167-175	4
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2005	A new genus of Entiminae from North Africa, supported by a phylogenetic analysis (Coleoptera: Curculionidae: Entiminae). 2013 , 167, 243-258	
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1989	The role of historical barriers in the diversification processes in open vegetation formations during the Miocene/Pliocene using an ancient rodent lineage as a model. 2013 , 8, e61924	56
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1987	Cenozoic extinction and recolonization in the New Zealand flora: the case of the fleshy-fruited epacrids (Styphelieae, Styphelioideae, Ericaceae). 2013 , 66, 203-14	13
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1984	Intra-specific variability in the thirteen known populations of the fairy shrimp <i>Chirocephalus ruffoi</i> (Crustacea: Anostraca): resting egg morphometrics and mitochondrial DNA reveal decoupled patterns of deep divergence. 2013 , 713, 19-34	9
1983	Combining phylogeography and landscape genetics of <i>Xenopipo atronitens</i> (Aves: Pipridae), a white sandcampinaspecialist, to understand Pleistocene landscape evolution in Amazonia. 2013 , 110, 60-76	41

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1981	Biogeography of scorpions in the <i>Pseudouroctonus minimus</i> complex (Vaejovidae) from south-western North America: implications of ecological specialization for pre-Quaternary diversification. 2013 , 40, 1850-1860	27
1980	Species boundaries and biogeography of East African torrent frogs of the genus <i>Petropedetes</i> (Amphibia: Anura: Petropeditidae). 2013 , 62, 40-48	8
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1978	Evolution of the vertebrate bone matrix: an expression analysis of the network forming collagen paralogues in amphibian osteoblasts. 2013 , 320, 375-84	8
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1974	The peculiar nemertean larva <i>pilidium recurvatum</i> belongs to <i>Riserius</i> sp., a basal heteronemertean that eats <i>Carcinonemertes errans</i> , a hoplonemertean parasite of <i>Dungeness</i> crab. 2013 , 132, 207-225	11
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1970	Cardinal characters on a slippery slope--a re-evaluation of phylogeny, character evolution, and evolutionary rates in the jelly lichens (<i>Collemataceae</i> s. str.). 2013 , 68, 185-98	36
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1967	Mitochondrial phylogeography, contact zones and taxonomy of grass snakes (<i>Natrix natrix</i> , <i>N. megalcephala</i>). 2013 , 42, 458-472	41
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1965	The relationship between limb reduction, body elongation and geographical range in lizards (<i>Lerista</i> , <i>Scincidae</i>). 2013 , 40, 1290-1297	19

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1934	Two newly recognized species of <i>Hemidactylus</i> (Squamata, Gekkonidae) from the Arabian Peninsula and Sinai, Egypt. 2013 , 79-107	19
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1926	Dual African origins of global <i>Aedes aegypti</i> s.l. populations revealed by mitochondrial DNA. 2013 , 7, e2175		55
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1924	Bayesian tests of topology hypotheses with an example from diving beetles. <i>Systematic Biology</i> , 2013 , 62, 660-73	8.4	76
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1915	Molecular phylogenetic evidence supports a new family of octocorals and a new genus of Alcyoniidae (Octocorallia, Alcyonacea). 2013 , 59-83		26
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1859	Genomics of <i>Loa loa</i> , a <i>Wolbachia</i> -free filarial parasite of humans. 2013 , 45, 495-500		142
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1430	Posterior predictive Bayesian phylogenetic model selection. <i>Systematic Biology</i> , 2014 , 63, 309-21	8.4 32
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1341	Resolving the polyphyletic nature of <i>Pyricularia</i> (Pyriculariaceae). 2014 , 79, 85-120	131
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1325	Intracellular Ca-carbonate biomineralization is widespread in cyanobacteria. 2014 , 111, 10933-8	134
1324	Genetic connectivity between trans-oceanic populations of <i>Capreolia implexa</i> (Gelidiales, Rhodophyta) in cool temperate waters of Australasia and Chile. 2014 , 119, 73-79	19
1323	A New Host Record for <i>Tritetrabdella taiwana</i> (Hirudinida: Arhynchobdellida: Haemadipsidae) from the Asian Painted Frog <i>Kaloula pulchra</i> (Anura: Microhylidae) in Hong Kong, China, with a Taxonomic Note on <i>T. taiwana</i> . 2014 , 81, 125-129	4
1322	Integrative taxonomy within the <i>Hylomyscus denniae</i> complex (Rodentia: Muridae) and a new species from Kenya. 2014 , 95, E1-E15	10
1321	Molecular Phylogeny, Evolution of Shell Shape, and DNA Barcoding in Polygyridae (Gastropoda: Pulmonata), an Endemic North American Clade of Land Snails. 2014 , 32, 1-31	20
1320	It's not what it looks like: molecular data fails to substantiate morphological differences in two sea hares (Mollusca, Heterobranchia, Aplysiidae) from southern Brazil. 2014 , 68, 523-530	6
1319	Comparative analysis of the secretome from a model filarial nematode (<i>Litomosoides sigmodontis</i>) reveals maximal diversity in gravid female parasites. 2014 , 13, 2527-44	29
1318	Phylogenetic analysis of beak and feather disease virus across a host ring-species complex. 2014 , 111, 14153-8	38
1317	<i>Kentomonas</i> gen. n., a new genus of endosymbiont-containing trypanosomatids of Strigomonadinae subfam. n. 2014 , 165, 825-38	54

1316	Medically important differences in snake venom composition are dictated by distinct postgenomic mechanisms. 2014 , 111, 9205-10	177
1315	The towering orogeny of New Guinea as a trigger for arthropod megadiversity. 2014 , 5, 4001	108
1314	A confounding effect of missing data on character conflict in maximum likelihood and Bayesian MCMC phylogenetic analyses. 2014 , 80, 267-80	34
1313	Molecular phylogenetic analysis of Hawaiian Rutaceae (<i>Melicope</i> , <i>Platydesma</i> and <i>Zanthoxylum</i>) and their different colonization patterns. 2014 , 174, 425-448	25
1312	A unique hexokinase in <i>Cryptosporidium parvum</i> , an apicomplexan pathogen lacking the Krebs cycle and oxidative phosphorylation. 2014 , 165, 701-14	14
1311	Phylogenetic placement of the enigmatic genus <i>Holocheila</i> (Lamiaceae) inferred from plastid DNA sequences. 2014 , 63, 355-366	13
1310	<i>Prosogynopora riseri</i> , gen. et sp. nov., a phylogenetically problematic lithophoran proseriate (Platyhelminthes : Rhabditophora) with inverted genital pores from the New England coast. 2014 , 28, 309	4
1309	Revision of basal calanoid copepod families, with a description of a new species and genus of Pseudocyclopidae. 2014 , 171, 507-533	13
1308	The corbiculate bees arose from New World oil-collecting bees: implications for the origin of pollen baskets. 2014 , 80, 88-94	41
1307	A multilocus phylogeny of a major New World avian radiation: the Vireonidae. 2014 , 80, 95-104	19
1306	Phylogenetic relationships of <i>Hydnum peroxydatum</i> support the synonymy of <i>Hydnochaete</i> with <i>Hymenochaete</i> (Hymenochaetaceae, Agaricomycetes). 2014 , 106, 323-327	4
1305	Northern richness and cryptic refugia: phylogeography of the Italian smooth newt <i>Lissotriton vulgaris meridionalis</i> . 2014 , 113, 590-603	15
1304	Genetic structure in a progenetic trematode: signs of cryptic species with contrasting reproductive strategies. 2014 , 44, 811-8	18
1303	Remarkable diversity of tick or mammalian-associated <i>Borreliae</i> in the metropolitan San Francisco Bay Area, California. 2014 , 5, 951-61	47
1302	<i>Parasenecio chenopodiifolius</i> (Compositae: Senecioneae) is a Synotis and conspecific with <i>S. otophylla</i> based on evidence from morphology, cytology and ITS/ETS sequence data. 2014 , 32, 824-835	4
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1300	From Gondwana to Europe: inferring the origins of Mediterranean <i>Macrothele</i> spiders (Araneae : Hexathelidae) and the limits of the family Hexathelidae. 2014 , 28, 361	28
1299	The role of pollinator diversity in the evolution of corolla-shape integration in a pollination-generalist plant clade. 2014 , 369, 20130257	35

1298	Multilocus molecular systematics and evolution in time and space of Calligrapha (Coleoptera: Chrysomelidae, Chrysomelinae). 2014 , 43, 605-628	6
1297	Hybridization and mitochondrial genome introgression between <i>Rana chensinensis</i> and <i>R. kukunoris</i> . 2014 , 23, 5575-88	14
1296	Phylogeny of Comatulidae (Echinodermata: Crinoidea: Comatulida): a new classification and an assessment of morphological characters for crinoid taxonomy. 2014 , 80, 319-39	24
1295	Pollination of Vietnamese <i>Aspidistra xuansonensis</i> (Asparagaceae) by female Cecidomyiidi flies: larvae of pollinator feed on fertile pollen in anthers of anthetic bisexual flowers. 2014 , 101, 1519-31	18
1294	A reappraisal of the <i>Pleurotus eryngii</i> complex - new species and taxonomic combinations based on the application of a polyphasic approach, and an identification key to <i>Pleurotus</i> taxa associated with Apiaceae plants. 2014 , 118, 814-34	32
1293	Growth of nitrite-oxidizing bacteria by aerobic hydrogen oxidation. 2014 , 345, 1052-4	99
1292	Phylogeny suggests nondirectional and isometric evolution of sexual size dimorphism in argiopine spiders. 2014 , 68, 2861-72	34
1291	An integrative approach to species discrimination in the <i>Eupelmus urozonus</i> complex (Hymenoptera, Eupelmidae), with the description of 11 new species from the Western Palaearctic. 2014 , 39, 806-862	42
1290	Species diversity of Epichloa symbiotic with two grasses from southern Argentinean Patagonia. 2014 , 106, 339-52	21
1289	DNA barcoding of the northern Northeast Atlantic skates (Chondrichthyes, Rajiformes), with remarks on the widely distributed starry ray. 2014 , 43, 485-495	14
1288	Phylogenetic relationships and timing of diversification in gonorynchiform fishes inferred using nuclear gene DNA sequences (Teleostei: Ostariophysii). 2014 , 80, 297-307	14
1287	<i>Anathallis roseopapillosa</i> (Orchidaceae - Pleurothallidinae), a New Species from the Central Amazon Region. 2014 , 39, 1070-1075	2
1286	Diversity of zoonotic enterohepatic <i>Helicobacter</i> species and detection of a putative novel gastric <i>Helicobacter</i> species in wild and wild-born captive chimpanzees and western lowland gorillas. 2014 , 174, 186-94	9
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1284	Phylogeographical analysis of a cold-temperate freshwater fish, the Amur sleeper (<i>Percottus glenii</i>) in the Amur and Liaohe River basins of Northeast Asia. 2014 , 31, 671-9	9
1283	Recognition of a new species of <i>Kallymenia</i> (Gigartinales, Rhodophyta) from Croatia (Mediterranean Sea) based on morphology and DNA barcode. 2014 , 49, 332-344	8
1282	The taxonomic affinity of <i>Carum piovanii</i> Chiov. and some <i>Bunium</i> species (Apiaceae). 2014 , 94, 122-128	5
1281	A molecular phylogeny of <i>Acronychia</i> , <i>Euodia</i> , <i>Melicope</i> and relatives (Rutaceae) reveals polyphyletic genera and key innovations for species richness. 2014 , 79, 54-68	28

1280	Symbiont shift towards Rhizobium nodulation in a group of phylogenetically related Phaseolus species. 2014 , 79, 1-11	13
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1277	Phylogenetic perspectives on diversification and character evolution in the species-rich genus <i>Erysimum</i> (Erysimeae; Brassicaceae) based on a densely sampled ITS approach. 2014 , 175, 497-522	23
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1275	Phylogenetic relationships of ithomiine butterflies (Lepidoptera: Nymphalidae: Danainae) as implied by combined morphological and molecular data. 2014 , 12, 133-147	16
1274	Recent invader or indicator of environmental change? A phylogenetic and ecological study of <i>Cylindrospermopsis raciborskii</i> in New Zealand. 2014 , 39, 64-74	35
1273	Complete mitochondrial genome of Malaysian Mahseer (<i>Tor tambroides</i>). 2014 , 548, 263-9	15
1272	Genotyping-by-sequencing as a tool to infer phylogeny and ancestral hybridization: a case study in <i>Carex</i> (Cyperaceae). 2014 , 79, 359-67	82
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1265	Multigene phylogeny of the Phallales (Phallomycetidae, Agaricomycetes) focusing on some previously unrepresented genera. 2014 , 106, 904-11	20
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1262	Fish pathogens near the Arctic Circle: molecular, morphological and ecological evidence for unexpected diversity of Diplostomum (Digenea: Diplostomidae) in Iceland. 2014 , 44, 703-15	63
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1259	Comparative validation of the <i>D. melanogaster</i> modENCODE transcriptome annotation. 2014 , 24, 1209-23	95
1258	Revised systematics and higher classification of pierid butterflies (Lepidoptera: Pieridae) based on molecular data. 2014 , 43, 641-650	40
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1247	Species delimitation of three species within the <i>Russula</i> subgenus <i>Compacta</i> in Korea: <i>R. eccentrica</i> , <i>R. nigricans</i> , and <i>R. subnigricans</i> . 2014 , 52, 631-8	14
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1243	Effects of phylogenetic reconstruction method on the robustness of species delimitation using single-locus data. 2014 , 5, 1086-1094		146
1242	The changing face of the molecular evolutionary clock. 2014 , 29, 496-503		87
1241	The radiation of the clownfishes has two geographical replicates. 2014 , 41, 2140-2149		39
1240	Phylogeny of the suborder Psocomorpha: congruence and incongruence between morphology and molecular data (Insecta: Psocodea: <i>Psocoptera</i>) 2014 , 171, 716-731		11
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1236	In silico single strand melting curve: a new approach to identify nucleic acid polymorphisms in Totiviridae. 2014 , 15, 243		6
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1232	The utility of PacBio circular consensus sequencing for characterizing complex gene families in non-model organisms. 2014 , 15, 720		39
1231	Identification of G protein-coupled receptors in <i>Schistosoma haematobium</i> and <i>S. mansoni</i> by comparative genomics. 2014 , 7, 242		25
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1228	Cryptic Diversity in Common Mustached Bats <i>Pteronotus cf. parnellii</i> (Mormoopidae) in French Guiana and Brazilian Amapa. 2014 , 16, 1-13		29
1227	Combining morphological and phylogenetic analyses to unravel systematics in <i>Geastrum</i> sect. <i>Schmidelia</i> . 2014 , 106, 1199-211		4

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1199	Complete mitochondrial genomes of the 'intermediate form' of <i>Fasciola</i> and <i>Fasciola gigantica</i> , and their comparison with <i>F. hepatica</i> . 2014 , 7, 150	64
1198	A new species of <i>Auriculostoma</i> (Digenea: Allocreadiidae) in the Mexican tetra <i>Astyanax mexicanus</i> (Actinopterygii: Characidae) from Central Veracruz, Mexico, described with the use of morphological and molecular data. 2014 , 100, 331-7	24
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1192	ĀOld-forest fungiĀ are not always what they seem: the case of <i>Antrodia crassa</i> . 2014 , 9, 27-33	9
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1187	Genome sequence of the cultivated cotton <i>Gossypium arboreum</i> . 2014 , 46, 567-72	613
1186	Agama agama: a charter tourist in the Cape Verde Islands?. 2014 , 63, 34-46	3
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1183	A new species of <i>Saturnius</i> Manter, 1969 (Digenea: Hemiuridae) from Mediterranean mullet (Teleostei: Mugilidae). 2014 , 87, 127-34	7
1182	The sexual adult of <i>Cercaria praecox</i> Walker, 1971 (Digenea: Fellodistomidae), with the proposal of <i>Oceroma</i> n. g. 2014 , 88, 1-10	15
1181	Species diversity of <i>Plagiorchis</i> Lf̄e, 1899 (Digenea: Plagiorchiidae) in lymnaeid snails from freshwater ecosystems in central Europe revealed by molecules and morphology. 2014 , 88, 37-54	27
1180	<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. 2014 , 88, 141-52	22
1179	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. 2014 , 88, 195-211	20
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1170	Deceiving colors: recognition of color morphs as separate species in orchid bees is not supported by molecular evidence. 2014 , 45, 641-652	4
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1168	New "missing link" genus of the colonial volvocine green algae gives insights into the evolution of oogamy. 2014 , 14, 37	39
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1165	Dramatic expansion of the black widow toxin arsenal uncovered by multi-tissue transcriptomics and venom proteomics. 2014 , 15, 366	58
1164	Mitogenomic sequences effectively recover relationships within brush-footed butterflies (Lepidoptera: Nymphalidae). 2014 , 15, 468	39
1163	Evidence of cryptic and pseudocryptic speciation in the <i>Paracalanus parvus</i> species complex (Crustacea, Copepoda, Calanoida). 2014 , 11, 19	51
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1161	Picoeukaryotic diversity and distribution in the subtropical-tropical South China Sea. 2014 , 89, 563-79	35
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1159	Population structure of the invasive forest pathogen <i>Hymenoscyphus pseudoalbidus</i> . 2014 , 23, 2943-60	78
1158	Endophytic species of <i>Colletotrichum</i> associated with mango in northeastern Brazil. 2014 , 67, 181-202	75
1157	Multilocus assessment of phylogenetic relationships in <i>Alytes</i> (Anura, Alytidae). 2014 , 79, 270-8	15
1156	Expression of novel cytosolic malate dehydrogenases (cMDH) in <i>Lupinus angustifolius</i> nodules during phosphorus starvation. 2014 , 171, 1609-18	12
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1153	Genetic diversity and population history of the endangered killifish <i>Aphanius baeticus</i> . 2014 , 105, 597-610	14
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1151	Molecular phylogeny of the Cymbellales (Bacillariophyceae, Heterokontophyta) with a comparison of models for accommodating rate variation across sites. 2014 , 53, 359-373	45
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1149	New insights into tateid gastropods and their radiation on Fiji based on anatomical and molecular methods (Caenogastropoda: Truncatelloidea). 2014 , 172, 71-102	7
1148	Phylogeography of <i>Padina boryana</i> (Dictyotales, Phaeophyceae) around the Thai-Malay Peninsula. 2014 , 49, 313-323	8
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1144	Parasitism of the "Buller" rose weevil <i>Naupactus cervinus</i> by <i>Microctonus</i> sp. in Argentina. 2014 , 59, 547-556	5
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1142	Genetic diversity of the unicellular nitrogen-fixing cyanobacteria UCYN-A and its prymnesiophyte host. 2014 , 16, 3238-49	81
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1138	Hybridization between previously isolated ancestors may explain the persistence of exactly two ancient lineages in the genome of the oyster parasite <i>Perkinsus marinus</i> . 2014 , 24, 167-76	2
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1135	Disparate parametric branch-support values from ambiguous characters. 2014 , 78, 66-86	16
1134	Molecular phylogenetic analysis of the Papionina using concatenation and species tree methods. 2014 , 66, 18-28	13
1133	AFLP-PCR and RAPD-PCR evidences of the transmission of the pathogen <i>Aphanomyces astaci</i> (Oomycetes) to wild populations of European crayfish from the invasive crayfish species, <i>Procambarus clarkii</i> . 2014 , 118, 612-20	31
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1131	Genome-wide analysis reveals the expansion of Cytochrome P450 genes associated with xenobiotic metabolism in rice striped stem borer, <i>Chilo suppressalis</i> . 2014 , 443, 756-60	36
1130	The <i>Paxillus involutus</i> (Boletales, Paxillaceae) complex in Europe: genetic diversity and morphological description of the new species <i>Paxillus cuprinus</i> , typification of <i>P. involutus</i> s.s., and synthesis of species boundaries. 2014 , 118, 12-31	18
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1128	Biodiversity of the <i>Betta smaragdina</i> (Teleostei: Perciformes) in the northeast region of Thailand as determined by mitochondrial COI and nuclear ITS1 gene sequences. 2014 , 2, 83-95	11
1127	Diversification of <i>Scrophularia</i> (Scrophulariaceae) in the Western Mediterranean and Macaronesia--phylogenetic relationships, reticulate evolution and biogeographic patterns. 2014 , 70, 296-313	25
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1125	A chloroplast tree for <i>Viburnum</i> (Adoxaceae) and its implications for phylogenetic classification and character evolution. 2014 , 101, 1029-1049	43
1124	Molecular phylogeny of East and Southeast Asian fossorial moles (Lipotyphla, Talpidae). 2014 , 95, 455-466	10
1123	Global genomic diversity of human papillomavirus 6 based on 724 isolates and 190 complete genome sequences. 2014 , 88, 7307-16	26
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1120	A taxonomic study of snow <i>Chloromonas</i> species (Volvocales, Chlorophyceae) based on light and electron microscopy and molecular analysis of cultured material. 2014 , 53, 293-304	26
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1117	An Updated Classification of Brown Algae (Ochrophyta, Phaeophyceae). 2014 , 35, 117-156	44
1116	Phylogenetics, ancestral state reconstruction, and a new infrafamilial classification of the pantropical Ochnaceae (Medusagynaceae, Ochnaceae s.str., Quiinaceae) based on five DNA regions. 2014 , 78, 199-214	29
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1110	A biogeographical history and timeline for the evolution of Australian snapping turtles (<i>Euseya</i> : Chelidae) in Australia and New Guinea. 2014 , 41, 905-918	12
1109	Using multiple relaxed-clock models to estimate evolutionary timescales from DNA sequence data. 2014 , 77, 65-70	25
1108	Genetic evidence for three discrete taxa of <i>Melampsora</i> (Pucciniales) affecting willows (<i>Salix</i> spp.) in New York State. 2014 , 118, 704-20	9
1107	Homoplastic evolution and host association of Eriophyoidea (Acari, Prostigmata) conflict with the morphological-based taxonomic system. 2014 , 78, 185-98	30
1106	Molecular phylogeny and ultrastructure of <i>Aphelidium</i> aff. <i>melosirae</i> (Aphelida, Opisthosporidia). 2014 , 165, 512-26	30
1105	Problems with data quality in the reconstruction of evolutionary relationships in the <i>Drosophila melanogaster</i> species group: Comments on Yang et al. (2012). 2014 , 78, 275-6	5
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1103	Antitropical distributions and species delimitation in a group of ophiocomid brittle stars (Echinodermata: Ophiuroidea: Ophiocomidae). 2014 , 78, 232-44	14
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1099	Sympatric cryptic species in the crinoid genus <i>Cenolia</i> (Echinodermata: Crinoidea: Comasteridae) delineated by sequence and microsatellite markers. 2014 , 78, 160-71	8
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1097	Phylogenetic analysis of Maverick/Polinton giant transposons across organisms. 2014 , 78, 271-4	18
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1076	Towards a monophyletic classification of Lejeuneaceae III: the systematic position of <i>Leiolejeunea</i> . 2014 , 170, 187	22
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1070	Introducing the Consolidated Species Concept to resolve species in the Teratosphaeriaceae. 2014 , 33, 1-40	171
1069	Deciphering the biodiversity of fish-pathogenic <i>Flavobacterium</i> spp. recovered from the Great Lakes basin. 2014 , 112, 45-57	8
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1067	The phylogenetic relationships of <i>Torrendiella</i> and <i>Hymenotorrendiella</i> gen. nov. within the Leotiomyces. 2014 , 177, 1	14
1066	Extensive variation in chromosome number and genome size in sexual and parthenogenetic species of the jumping-bristletail genus <i>Machilis</i> (Archaeognatha). 2014 , 4, 4093-105	6
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1061	A five-marker molecular phylogeny of the Styphelieae (Epacridoideae, Ericaceae) supports a broad concept of <i>Styphelia</i> . 2015 , 28, 368	4
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1053	Mitochondrial and nuclear phylogenetic trees and divergence time estimations of Sulawesi endemic <i>Adrianichthyidae</i> . 2015 , 5, 281-4	4
1052	Phylogeny of tremellomycetous yeasts and related dimorphic and filamentous basidiomycetes reconstructed from multiple gene sequence analyses. 2015 , 81, 1-26	90
1051	Oakleaf: an S locus-linked mutation of <i>Primula vulgaris</i> that affects leaf and flower development. 2015 , 208, 149-61	6
1050	Phylogenetic relationships among the Iranian <i>Triticum</i> diploid gene pool as inferred from the loci <i>Acc1</i> and <i>Pgk1</i> . 2015 , 201, 111	2
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1041	Generic boundaries of <i>Leucochrysum</i> and <i>Waitzia</i> (Asteraceae: Gnaphalieae). 2015 , 28, 203	4
1040	Origin and higher-level diversification of acariform mites - evidence from nuclear ribosomal genes, extensive taxon sampling, and secondary structure alignment. 2015 , 15, 178	34
1039	<i>Cylindrosporus flavidus</i> gen. et comb. nov. (Hymenochaetales, Basidiomycota) segregated from <i>Onnia</i> . 2015 , 219, 276	13
1038	Molecular confirmation of <i>Gyroporus lacteus</i> and typification of <i>Boletus cyanescens</i> . 2015 , 226, 27	8
1037	Two new species of <i>Euphorbia</i> subg. <i>Chamaesyce</i> (Euphorbiaceae) from Baja California Sur, Mexico and their phylogenetic relationships. 2015 , 221, 265	2
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1035	A taxonomic revision of <i>Phytophthora</i> Clade 5 including two new species, <i>Phytophthora agathidicida</i> and <i>P. cocois</i> . 2015 , 205, 21	49
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1033	On the presence of North American clubmoss <i>Huperzia lucidula</i> (Lycopodiaceae) in China: An intercontinental disjunction or misidentification. 2015 , 219, 243	3
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1020	Molecular phylogeny of two unusual brown algae, <i>Phaeostrophion irregulare</i> and <i>Platysiphon glacialis</i> , proposal of the <i>Stschapoviales</i> ord. nov. and <i>Platysiphonaceae</i> fam. nov., and a re-examination of divergence times for brown algal orders. 2015 , 51, 918-28	38
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1003	Phylogenetic relationships and a new sectional classification of <i>Croton</i> (Euphorbiaceae) in Australia. 2015 , 28, 219	4
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- 642 Time-calibrated phylogenies reveal mediterranean and pre-mediterranean origin of the thermophilous vegetation of the Canary Islands. ○
- 641 Genetic Diversity and Phylogeography of cultivated and wild *Ophipogon japonicus* based on chloroplast DNA exploration for origin and sustainable cultivation. ○
- 640 Screening and Identification of the Rhizosphere Fungal Communities Associated with Land Reclamation in Egypt. **2023**, 13, 215 1
- 639 Three New Species of *Lactifluus* (Basidiomycota, Russulaceae) from Guizhou Province, Southwest China. **2023**, 9, 122 ○
- 638 First mitochondrial genome of subfamily Julodinae (Coleoptera, Buprestidae) with its phylogenetic implications. 1139, 165-182 ○
- 637 IDENTIFICATION AND RETROSPECTIVE EVALUATION OF A FILARIOID NEMATODE SPECIES IN MANAGED GRASSHOPPER SPARROWS (*AMMODRAMUS SAVANNARUM*). **2023**, 53, ○
- 636 Drivers of plant diversity, community composition, functional traits and soil processes along an alpine gradient in the central Chilean Andes. ○
- 635 Systematics and diversification of the Ichthyomyini (Cricetidae, Sigmodontinae) revisited: evidence from molecular, morphological, and combined approaches. 11, e14319 ○
- 634 Reevaluation of the Systematic Status of *Branchinotogluma* (Annelida, Polynoidae), with the Establishment of Two New Species. **2023**, 2023, 1-22 ○
- 633 Resolving a nearly 90-year-old enigma: the rare *Fagus chienii* is conspecific with *F. hayatae* based on molecular and morphological evidence. **2023**, ○

- 632 A review of bats of the genus *Pseudoromicia* (Chiroptera: Vespertilionidae) with the description of a new species. **2023**, 21, ○
- 631 Diversity of viral communities in faecal samples of farmed red foxes. **2023**, 9, e12826 ○
- 630 Molecular analyses of pseudoscorpions in a subterranean biodiversity hotspot reveal cryptic diversity and microendemism. **2023**, 13, ○
- 629 The complete mitochondrial genome of the Korean endemic earthworm *Amyntas deogyusanensis* (Clitellata: Megascolecidae). **2023**, 8, 107-109 ○
- 628 Comparative mitogenomics and phylogenetic analyses of the genus *Menida* (Hemiptera, Heteroptera, Pentatomidae). 1138, 29-48 ○
- 627 Phylogenetic relationships and systematics of the bamboo-specialist *Amaurospiza* blue-seedeaters. ○
- 626 Complete mitochondrial genome of the Spanish toothcarp, *Aphanius iberus* (Valenciennes, 1846) (Actinopterygii, Aphaniidae) and its phylogenetic position within the Cyprinodontiformes order. ○
- 625 Pestalotioid Species Associated with Medicinal Plants in Southwest China and Thailand. ○
- 624 A new Pipistrelle bat from the oceanic Island of Príncipe (Western Central Africa). ○
- 623 Complete mitochondrial genome of *Rectoris luxiensis* (Teleostei, Cyprinidae): characterisation and phylogenetic implications. 11, 1
- 622 New fossils of Sphaeriusidae from mid-Cretaceous Burmese amber revealed by confocal microscopy (Coleoptera: Myxophaga). 10, ○
- 621 Origin, evolution and systematics of the genus *Poecilimon* (Orthoptera: Tettigoniidae) – An outburst of diversification in the Aegean area. **2023**, 48, 198-220 ○
- 620 Insights into the divergent evolution of the oceanic squid *Sthenoteuthis oualaniensis* (Lesson, 1830) (Cephalopoda: Ommastrephidae) from the Indian Ocean. ○
- 619 Orbivirus RNA in a Banana Serotine (*Afronycteris nanus*) Bat in the Republic of the Congo. ○
- 618 Studies on the morphology, phylogeny, and bioremediation potential of *Penicillium citrinum* and *Paecilomyces variotii* (Eurotiales) from oil-contaminated areas. **2023**, 205, ○
- 617 Invasive *Vaucheria* aff. *compacta* (Xanthophyceae) and its distribution over a high Arctic tidal flat in Svalbard. **2023**, 281, 108206 ○
- 616 The evolutionary journey of freshwater crabs of the genus *Potamon* (Decapoda: Brachyura: Potamidae). **2023**, 180, 107690 ○
- 615 Comparative mitochondrial genomics and phylogenetics for species of the snakehead genus *Channa* Scopoli, 1777 (Perciformes: Channidae). **2023**, 857, 147186 ○

- 614 Phylogeny and historical biogeography of the water boatmen (Insecta: Hemiptera: Heteroptera: Nepomorpha: Corixoidea). **2023**, 180, 107698 ○
- 613 Integrative analysis reveals the divergence and speciation between sister Sooty Copper butterflies *Lycaena bleusei* and *L. tityrus*. **2023**, 180, 107699 ○
- 612 Insights into the evolutionary history and taxonomic status of *Sinopteris* (Pteridaceae). **2023**, 180, 107672 ○
- 611 Mitochondrial characteristics of the powdery mildew genus *Erysiphe* revealed an extraordinary evolution in protein-coding genes. **2023**, 230, 123153 ○
- 610 Phylogenomics of *Anguis* and *Pseudopus* (Squamata, Anguinae) indicates Balkan-Apennine mitochondrial capture associated with the Messinian event. **2023**, 180, 107674 ○
- 609 Molecular characterization of the parasitic nematode genus *Crassicauda*; larvae parasitic on the firefly squid and adults on beaked whales off the coast of Japan. **2023**, 20, 56-62 ○
- 608 Systematic position of the genus *Metacanthocephalus* Yamaguti, 1959 (Palaeacanthocephala: Echinorhynchida) inferred from molecular evidence, with a redescription of *Metacanthocephalus ovicephalus* (Zhukov, 1960). **2023**, 94, 102731 ○
- 607 A Phylogenomic Assessment of Processes Underpinning Convergent Evolution in Open-Habitat Chats. **2023**, 40, ○
- 606 Spatio-Temporal Evolutionary Patterns of the Pieridae Butterflies (Lepidoptera: Papilionoidea) Inferred from Mitogenomic Data. **2023**, 14, 72 ○
- 605 Asteroid: a new algorithm to infer species trees from gene trees under high proportions of missing data. **2023**, 39, ○
- 604 Phylogenetic Systematics and Distribution of *Pomacea sordida* (Swainson, 1823) and *Pomacea intermedia* (Fussac in Quoy & Gaimard, 1825) (Caenogastropoda: Ampullariidae). **2022**, 65, ○
- 603 Mitogenomic Codon Usage Patterns of Superfamily Certhioidea (Aves, Passeriformes): Insights into Asymmetrical Bias and Phylogenetic Implications. **2023**, 13, 96 1
- 602 Morphological Characteristics and Molecular Evidence Reveal four New Species of *Russula* subg. *Brevipedum* from China. **2023**, 9, 61 ○
- 601 Comparative and Phylogenetic Analysis of the Complete Chloroplast Genomes of Six *Polygonatum* Species (Asparagaceae). ○
- 600 Plastid Phylogenomics Provide Evidence to Accept Two New Members of *Ligusticopsis* (Apiaceae, Angiosperms). **2023**, 24, 382 ○
- 599 Taxonomic novelties in the Asteraceae tribe *Luleae* with the description of a new genus, *Galgera* separate from *Laggera*. **2022**, 52, ○
- 598 Mediterranean Matters: Revision of the Family Onchidorididae (Mollusca, Nudibranchia) with the Description of a New Genus and a New Species. **2023**, 15, 38 1
- 597 A chromosome-scale genome assembly of *Dasypyrum villosum*, a genetic resource for wheat improvement, provides insights into its broad-spectrum disease resistance. **2022**, ○

- 596 Complete chloroplast genome sequence of <i>Clematis calcicola</i> (Ranunculaceae), a species endemic to Korea. **2022**, 52, 262-268 ○
- 595 Phylogenetic and morphological re-evaluation of *Antherospora* on *Barnardia japonica* collected in Japan. ○
- 594 Out of the Qinghai-Tibetan plateau: Origin, evolution and historical biogeography of *Morchella* (both *Elata* and *Esculenta* clades). 13, ○
- 593 Taxonomic revision of *Isocheles* Stimpson, 1858 and *Loxopagurus* Forest, 1964 (Decapoda: Anomura: Diogenidae) using morphological and multigene data, with the description of a new Eastern Pacific species. **2022**, 42, ○
- 592 *Colletotrichum* species causing anthracnose disease on avocado fruit in Taiwan. ○
- 591 *Sabahia polypodii* gen. et sp. nov. (Hemiptera: Cicadellidae: Evacantihinae) and its Phylogenetic Position within the Nirvanini Tribe. **2022**, 70, 151-162 ○
- 590 *Aonchotheca* (Nematoda: Capillariidae) is validated as a separated genus from *Capillaria* by both mitochondrial and nuclear ribosomal DNA. **2022**, 15, ○
- 589 A mitochondrial genome phylogeny reveals the deep-time origin of Gomphomastacinae (Orthoptera: Eumastacidae) and its alpine genera in China. ○
- 588 Plastid Phylogenomic Analyses Reveal the Taxonomic Position of *Peucedanum franchetii*. **2023**, 12, 97 ○
- 587 The Complete Mitogenome of Redheaded Pine Sawfly, *Neodiprion lecontei* (Hymenoptera: Diprionidae): Duplication of *trnR* Gene and Rearrangement in the ARNS1EF Gene Cluster. **2022**, 43, 577-583 ○
- 586 Morphological and Genetic Differentiation of *Loliolus* (*Nipponololigo*) *beka* (Cephalopoda: Loliginidae) in Coastal China. **2023**, 15, 41 ○
- 585 Phylogeny, Morphology and Pathogenicity of *Biscogniauxia mediterranea* Causing Charcoal Canker Disease on *Quercus brantii* in Southern Iran. **2022**, 28, 209-220 ○
- 584 Ancestral reconstruction reveals catalytic inactivation of activation-induced cytidine deaminase concomitant with cold water adaption in the Gadiformes bony fish. **2022**, 20, ○
- 583 Population Genomic Evidence for the Diversification of *Bellamya aeruginosa* in Different River Systems in China. **2023**, 12, 29 ○
- 582 On the composition of. **2023**, 70, 95-103 ○
- 581 How Trustworthy Is Your Tree? Bayesian Phylogenetic Effective Sample Size Through the Lens of Monte Carlo Error. **2023**, -1, ○
- 580 Notes on *Amanita* section *Validae* in Hainan Island, China. 13, ○
- 579 An early Cambrian polyp reveals a potential anemone-like ancestor for medusozoan cnidarians. **2023**, 66, ○

- 578 Two New *Ferula* (Apiaceae) Species from Central Anatolia: *Ferula turcica* and *Ferula latialata*. **2023**, 9, 144 ○
- 577 A phylogenomic study of Iridaceae Juss. based on complete plastid genome sequences. 14, ○
- 576 *Biomphalaria straminea* as an Intermediate Host of a Renal Trematode Species of the Genus *Tanaisia* (Trematoda: Eucotylidae) in Brazil. ○
- 575 Aliens on Boats? The Eastern and Western Expansion of the African House Gecko. **2023**, 14, 381 ○
- 574 New climatically specialized lineages of *Batrachochytrium dendrobatidis* and their sub-lethal effects on amphibians establish the Asiatic origins of the pathogen. ○
- 573 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 ○
- 572 Response of an alpine plant to Quaternary climate change: a phylogeographic study of *Saxifraga tangutica* (Saxifragaceae) in the Qinghai-Tibetan Plateau and Himalayas. ○
- 571 Recovery of the family status of *Pericambalidae* Silvestri, 1909, stat. nov. (Diplopoda: Spirostreptida: Cambalidea), with a revision of the genera and species from China. **2023**, 37, 78-100 ○
- 570 No loss of genetic divergence in *Torymus sinensis* following its release for *Dryocosmus kuriphilus* control in Europe. ○
- 569 Systematic revision of the snorkel snail genus *Rhiostoma* Benson, 1860 (Gastropoda, Caenogastropoda, Cyclophoridae) with descriptions of new species. 1142, 1-144 ○
- 568 Unreported cytochalasins from an acid-mediated transformation of cytochalasin J isolated from *Diaporthe* cf. *ueckeri*. **2023**, 105434 ○
- 567 Comparisons of genetic population structures of copepods *Pseudocalanus* spp. in the 'Okhotsk Sea: the first record of *P. acuspes* in coastal waters off Japan. **2023**, 53, ○
- 566 Complete chloroplast genomes provide insights into evolution and phylogeny of *Zingiber* (Zingiberaceae). **2023**, 24, ○
- 565 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, ○
- 564 Complete mitochondrial genome of *Aleochara* (*Aleochara*) *curtula* (Goeze, 1777) (Coleoptera: Staphylinidae). **2023**, 8, 161-163 ○
- 563 Characterizing the Complete Mitochondrial Genomes of Three Bugs (Hemiptera: Heteroptera) Harming Bamboo. **2023**, 14, 342 ○
- 562 Using DNA barcoding to relate cystacanths and adults of *Corynosoma australe* (Acanthocephala: Polymorphidae) of the Southeastern Pacific Ocean (Off Peru Coast). ○
- 561 Molecular and osteological verification of the taxonomic status of *Phoxinus sedelnikowi* (Berg, 1908) (Teleostei: Leuciscidae). **2023**, 90, 113-125 ○

- 560 Terrestrial Species of *Drouetiella* (Cyanobacteria, Oculatellaceae) from the Russian Arctic and Subarctic Regions and Description of *Drouetiella ramosa* sp. nov.. **2023**, 15, 132 ○
- 559 The *Gynandropsis gynandra* genome provides insights into whole-genome duplications and the evolution of C4 photosynthesis in Cleomaceae. ○
- 558 *Peronosclerospora neglecta* sp. nov. – widespread and overlooked threat to corn (maize) production in the tropics. **2023**, 22, ○
- 557 Cryptic diversity in Zoraptera: *Latinozoros barberi* (Gurney, 1938) is a complex of at least three species (Zoraptera: Spiralizoridae). **2023**, 18, e0280113 ○
- 556 Taxonomic review of the *Chondrostoma* (Teleostei, Leuciscidae) species from inland waters of Turkey: an integrative approach. **2023**, 99, 1-13 ○
- 555 First molecular identification of the trematode *Maritrema bonaerense* Etchegoin & Martorelli, 1997 (Plagiorchiida, Microphallidae) from its intermediate hosts, the gastropod *Heleobia australis* (d'Orbigny, 1835) (Littorinimorpha, Cochliopidae) and the crab *Neohelice granulata* (Gama, 1951) (Decapoda, Varunidae) in Argentina. **2023**, 99, 117-121 ○
- 554 Wild deer (*Pudu puda*) from Chile harbor a novel ecotype of *Anaplasma phagocytophilum*. **2023**, 16, ○
- 553 A macroevolutionary role for chromosomal fusion and fission in Erebiabutterflies. ○
- 552 New insights into the coevolutionary history of termites and their gut flagellates: Description of *Retractinympha glossotermitis* gen. nov. sp. nov. (Retractinymphidae fam. nov.). 11, ○
- 551 A physicochemical cause of betaine lipid evolutionary loss in seed plants?. ○
- 550 Phylogeny of Urostylididae (Heteroptera: Pentatomoidea) reveals rapid radiation and challenges traditional classification. ○
- 549 Prey-mimetism in cercariae of *Apatemon* (Digenea, Strigeidae) in freshwater in northern latitudes. ○
- 548 Description of *Paravulvulus zhongshanensis* sp. nov. (Dorylaimida: Nygolaimidae) from Nanjing, China. **2023**, 97, ○
- 547 Strong intraspecific phylogenetic and karyotypic diversification in *Isophya modestior* (Orthoptera: Tettigoniidae: Phaneropterinae). **2023**, 138, 194-203 ○
- 546 Phylogenetic assessment of endangered and look-alike Pigtoe species in a freshwater mussel diversity hotspot. **2023**, 13, ○
- 545 Re-Evaluating Botryosphaerales: Ancestral State Reconstructions of Selected Characters and Evolution of Nutritional Modes. **2023**, 9, 184 ○
- 544 Widespread, but less than assumed: populations of *Euphorbia amygdaloides* (Euphorbiaceae) from western Asia represent two new cryptic species. **2023**, 125717 ○
- 543 Museum specimens of a landlocked pinniped reveal recent loss of genetic diversity and unexpected population connections. **2023**, 13, ○

- 542 The Contact Zone of Phylogenetic Lineages of Freshwater Fish in Arctic Eurasia: Genetic Polymorphism of Coregonid Populations. **2023**, 15, 163 ○
- 541 Two New Phyllopodopsyllus Species (Harpacticoida, Tetragonicipitidae) from Korea. **2023**, 15, 97 ○
- 540 A DNA barcode reference library for the native woody seed plants of Japan. ○
- 539 New Insights into the Origin and Evolution of Mysmenid Spiders (Araneae, Mysmenidae) Based on the First Four Complete Mitochondrial Genomes. **2023**, 13, 497 ○
- 538 Species delimitation of eight ascidian (Tunicata) species from the North Eastern Mediterranean. ○
- 537 The taxonomic status of the kukri snake *Oligodon arenarius* Vassilieva, 2015 with a redescription of *Oligodon macrurus* (Angel, 1927) (Squamata, Serpentes, Colubridae). 73, 97-125 ○
- 536 Phylogenomics including the newly sequenced mitogenomes of two moths (Noctuoidea, Erebiidae) reveals *Ischyja manlia* (incertae sedis) as a member of subfamily Erebiinae. ○
- 535 Relationship between fruit phenotypes and domestication in hexaploid populations of biribiri (*Annona mucosa*) in Brazilian Amazonia. 11, e14659 ○
- 534 Inferring Chromosome Number Changes Along a Phylogeny Using chromEvol. **2023**, 175-187 ○
- 533 Two new species of Hymenochaetaceae from tropical Asia and America. 12, ○
- 532 The worldwide invasion history of a pest ambrosia beetle inferred using population genomics. ○
- 531 A new early diverging thalattosuchian (Crocodylomorpha) from the Early Jurassic (Pliensbachian) of Dorset, U.K. and implications for the origin and evolution of the group. ○
- 530 Taxonomic and phylogenetic approach to some Antarctic lichenicolous fungi. **2023**, 22, ○
- 529 Additions to *Rhytidhysterion* (Hysteriales, Dothideomycetes) in China. **2023**, 9, 148 ○
- 528 Reassessing the phylogeny of Quaternary Eurasian Rhinocerotidae. ○
- 527 DNA barcoding, dwelling morphology, and fecundity of the gall-forming shrimp *Paratypton siebenrocki* Balss, 1914 (Caridea: Palaemonidae). **2023**, 57, 25-37 ○
- 526 Morphological and molecular characterization of *Metaxonchium magnum* sp. n. from Iran (Nematoda, Dorylaimida, Belonidiridae), with new insights into the phylogeny of the genus. **2023**, 97, ○
- 525 Phylogenetics of the Andean tree genus *Ruagea* (Meliaceae): implications for taxonomy. ○

- 524 The complete chloroplast genome and phylogenetic analysis of *Christella dentata* (Forssk.) Brownsey & Jermy (Thelypteridaceae). **2023**, 8, 181-185 ○
- 523 Morphological and phylogenetic analyses reveal two new species and a new record of *Apiospora* (Amphisphaeriales, Apiosporaceae) in China. **95**, 27-45 ○
- 522 Phylogeny and biogeography of *Tiliacoreae* (Menispermaceae), a tribe restricted to tropical rainforests. ○
- 521 Molecular identification of *Austrodiplostomum* sp., an eye parasite among farmed tambaqui in Amazonia. **2023**, 46, ○
- 520 Systematics of *Ditaxinae* and Related Lineages within the Subfamily *Acalyphoideae* (*Euphorbiaceae*) Based on Molecular Phylogenetics. **2023**, 12, 173 1
- 519 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, ○
- 518 First report of canker caused by *Chrysosporthe austroafricana* on the plantation-grown eucalypt *Corymbia henryi* in South Africa. ○
- 517 Alien species revises systematic status: integrative species delimitation of two similar taxa of *Symbrenthia* Hübner, [1819] (Lepidoptera, Nymphalidae). 11, e14644 ○
- 516 Plant-Associated Novel Didymellaceous Taxa in the South China Botanical Garden (Guangzhou, China). **2023**, 9, 182 ○
- 515 Taxonomic revision of the genus *Delorhachis* Karsch 1896 (Lepidoptera: Limacodidae). **2023**, 57, 54-129 ○
- 514 A phylogenetic and taxonomic study on *Steccherinum* (Polyporales, Basidiomycota): Focusing on three new *Steccherinum* species from southern China. 12, ○
- 513 The Curious Case of *Fritillaria sonnikovae* (Liliaceae) in South Siberia: New Insights into Its Origin and Phylogeny. **2023**, 15, 193 ○
- 512 Morphology and phylogenetic position of three anaerobic ciliates from the classes *Odontostomatea* and *Muranotrichea* (Ciliophora). ○
- 511 The Facet of Human Impact: *Solenopsis invicta* Buren, 1972 Spreading around the Atlantic Forest. **2023**, 15, 194 ○
- 510 Subspecies identification of Lesser Whitethroats, *Sylvia curruca*, wintering in southern Iran as inferred from DNA sequences (Aves: Sylviidae). **2023**, 69, 6-12 ○
- 509 Genetic diversity, phylogenetic and phylogeographic analyses of *Oncideres impluviata* (Germar, 1823) (Coleoptera: Cerambycidae) in Rio Grande do Sul state, Brazil. **2023**, 67, ○
- 508 X-ray microtomography of the late Carboniferous whip scorpions (Arachnida, Thelyphonida) *Geralinura britannica* and *Proschizomus petrunkevitchi*. **2023**, 21, ○
- 507 Neotropical sisterhood: new species of *Gyrodactylus* von Nordmann, 1832 (Platyhelminthes: Monogenea) infecting *Rhamdia guatemalensis* and *Rhamdia laticauda* (Siluriformes: Heptapteridae) in Mexico. **2023**, 97, ○

- 506 Molecular and morphological characterization of *Andracantha gravida* (Alegret, 1941) (Acanthocephala: Polymorphidae) in piscivorous birds from the Gulf of Mexico. **2023**, 97, ○
- 505 Morphology and molecular phylogeny of *Chauhanellus* Bychowsky & Nagibina, 1969 (Monogenoidea) parasitizing marine catfish (Ariidae) from the Atlantic coast of South America: a new species, supplementary taxonomic information and new insights. **2023**, 97, ○
- 504 Genotypic and phenotypic evidence indicates the introduction of two distinct forms of a non-native species (*Gekko gekko*) to Florida, USA. ○
- 503 Tropism of Puumala orthohantavirus and Endoparasite Coinfection in the Bank Vole Reservoir. **2023**, 15, 612 ○
- 502 Morphological and phylogenetic evidence reveal three new *Pseudohydnum* (Auriculariales, Basidiomycota) species from North China. 13, ○
- 501 Characterization of Two Transposable Elements and an Ultra-Conserved Element Isolated in the Genome of *Zootoca vivipara* (Squamata, Lacertidae). **2023**, 13, 637 ○
- 500 The Hyphosphere of Leaf-Cutting Ant Cultivars Is Enriched with Helper Bacteria. ○
- 499 Evolutionary Patterns of the Chloroplast Genome in Vanilloid Orchids (Vanilloideae, Orchidaceae). **2023**, 24, 3808 ○
- 498 The deep-rooted origin of disulfide-rich spider venom toxins. 12, ○
- 497 *Distimake vitifolius* (Convolvulaceae): reclassification of a widespread species in view of phylogenetics and convergent pollen evolution. ○
- 496 New Color-Patterned Species of *Microtendipes* Kieffer, 1913 (Diptera: Chironomidae) and a Deep Intraspecific Divergence of Species by DNA Barcodes. **2023**, 14, 227 ○
- 495 Genetic variation and cryptic lineage among the sergestid shrimp *Acetes americanus* (Decapoda). 11, e14751 ○
- 494 A polyphasic approach to the taxonomy of *Backusella* reveals two new species. **2023**, 22, ○
- 493 Two new species of *Exidia sensu lato* (Auriculariales, Basidiomycota) based on morphology and DNA sequences. 13, ○
- 492 Phylogenomics and phylogeography of *Menispermum* (Menispermaceae). 14, ○
- 491 Handling Logical Character Dependency in Phylogenetic Inference: Extensive Performance Testing of Assumptions and Solutions Using Simulated and Empirical Data. ○
- 490 High-resolution phylogenetic analysis reveals long-term microbial dynamics and microdiversity in phytoplankton microbiome. ○
- 489 Historical demography and climatic niches of the Natal multimammate mouse (*Mastomys natalensis*) in the Zambebian region. ○

- 488 Virome diversity of ticks feeding on domestic mammals in China. **2023**, ○
- 487 *Mordellistena platypoda*, a new species of tumbling flower beetle from the island of Ischia in Italy (Coleoptera, Mordellidae). **2023**, 1148, 41-63 ○
- 486 The description of *Haematococcus privus* sp. nov. (Chlorophyceae, Chlamydomonadales) from North America. **2023**, 38, 1-22 ○
- 485 Revised classification of the Cyanidiophyceae based on plastid genome data with descriptions of the Cavernicolales ord. nov. and Galdieriales ord. nov. (Rhodophyta). ○
- 484 The genome of *Bacillus tequilensis* EA-CB0015 sheds light into its epiphytic lifestyle and potential as a biocontrol agent. **2023**, 14, ○
- 483 Elucidating the life cycle of opossum parasites: DNA sequences reveal the involvement of planorbid snails as intermediate hosts of *Rhopalias* spp. (Trematoda: Echinostomatidae) in Brazil. **2023**, 18, e0279268 ○
- 482 Evolutionary History and Taxonomic Reclassification of the Critically Endangered Daggernose Shark, a Species Endemic to the Western Atlantic. **2023**, 2023, 1-16 ○
- 481 Plastome-based Phylogenomic analyses provide insights into the germplasm resource diversity of *Cibotium* in China. ○
- 480 New Taxonomic Arrangement of *Dicranella* s.l. and *Aongstroemia* s.l. (Dicranidae, Bryophyta). **2023**, 12, 1360 ○
- 479 Phylogenetic analysis shows canine distemper virus outbreak in stray dogs possibly occurs through spillover from wild carnivore reservoirs. ○
- 478 New corticioid taxa in Phanerochaetaceae (Polyporales, Basidiomycota) from East Asia. **2023**, 14, ○
- 477 The first detection of avian haemosporidia from *Culicoides* biting midges in Japan, with notes on potential vector species and the transmission cycle. **2023**, 39, 100840 ○
- 476 Genetic diversity analysis in wheat cultivars using SCoT and ISSR markers, chloroplast DNA barcoding and grain SEM. **2023**, 23, ○
- 475 A clue to the evolutionary history of modern East Asian flora: insights from phylogeography and diterpenoid alkaloid distribution pattern of the *Spiraea japonica* complex. **2023**, 107772 ○
- 474 Amine recognizing domain in diverse receptors from bacteria and archaea evolved from the universal amino acid sensor. ○
- 473 Latent taste diversity revealed by a vertebrate-wide catalogue of T1R receptors. ○
- 472 Phylogenomics of *Aralia* sect. *Aralia* (Araliaceae): Signals of hybridization and insights into its species delimitations and intercontinental biogeography. **2023**, 181, 107727 ○
- 471 DNA Barcoding Data Reveal Important Overlooked Diversity of *Cortinarius* sensu lato (Agaricales, Basidiomycota) in the Romanian Carpathians. **2023**, 15, 553 ○

- 470 Mitogenome of the *Doleschallia bisaltide* and Phylogenetic Analysis of Nymphalinae (Lepidoptera, Nymphalidae). **2023**, 15, 558 ○
- 469 Evolution and Classification of Musaceae Based on Male Floral Morphology. **2023**, 12, 1602 ○
- 468 New and known species of the genus *Desmodora* De Man, 1889 (Nematoda: Desmodoridae) from the hydrothermal vent communities of the Piip volcano (south-west Bering Sea). **2023**, 208, 105267 ○
- 467 Proposal of Four New *Aureobasidium* Species for Exopolysaccharide Production. **2023**, 9, 447 ○
- 466 *Pseudobangia corderoi* sp. nov. (Bangiales, Rhodophyta) from the Philippines. 1-7 ○
- 465 Morphological and Phylogenetic Analyses Reveal Three New Species of *Distoseptispora* (*Distoseptisporaceae*, *Distoseptisporales*) from Yunnan, China. **2023**, 9, 470 ○
- 464 Replicated life-history patterns and subsurface origins of the bacterial sister phyla Nitrospirota and Nitrospinota. ○
- 463 Gene rearrangements in the mitochondrial genome of *Gonatopsis borealis* and *Onychoteuthis compacta* reveal their phylogenetic implications for Oegopsida. ○
- 462 A complete genus-level phylogeny reveals the Cretaceous biogeographic diversification of the poppy family. **2023**, 181, 107712 ○
- 461 Molecular phylogeny and inflorescence evolution of *Prunus* (Rosaceae) based on RAD-seq and genome skimming analyses. **2023**, ○
- 460 General morphology, taxonomy and phylogeny of the genus *Metaxonchium* Coomans & Nair, 1975 (Nematoda: Dorylaimida: Belonidiridae). **2023**, 304, 32-48 ○
- 459 Features and evolution of control regions in leafroller moths (Lepidoptera: Tortricidae) inferred from mitochondrial genomes and phylogeny. **2023**, 236, 123928 ○
- 458 Subspecific rodent taxa as the relevant host taxonomic level for mammarenavirus host specificity. **2023**, 581, 116-127 ○
- 457 *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 ○
- 456 Biocontrol ability and action mechanism of *Bacillus amyloliquefaciens* Baf1 against *Fusarium incarnatum* causing fruit rot in postharvest muskmelon (cv. Yugu) fruit. **2023**, 181, 114714 ○
- 455 A plastome phylogeny of *Rumex* (Polygonaceae) illuminates the divergent evolutionary histories of docks and sorrels. **2023**, 182, 107755 ○
- 454 Taxonomic insights and evolutionary history in East Asian terrestrial slugs of the genus *Meghimatium*. **2023**, 182, 107730 ○
- 453 Emergence of a novel genotype of class II New Castle Disease virus in North Eastern States of India. **2023**, 864, 147315 ○

- 452 Evolutionary and biogeographic implications of an Erycine snake (Serpentes, Erycidae, Eryx) from the Upper Miocene of the Linxia Basin, Gansu Province, China. **2023**, 617, 111491 ○
- 451 Exceptional levels of species discovery ameliorate inferences of the biogeography and diversification of an Afrotropical catfish family. **2023**, 182, 107754 ○
- 450 The evolution of the green-light-sensitive visual opsin genes (RH2) in teleost fishes. **2023**, 206, 108204 ○
- 449 Deep genome-wide divergences among species in White Cloud Mountain minnow *Tanichthys albonubes* (Cypriniformes: Tanichthyidae) complex: Conservation and species management implications. **2023**, 182, 107734 ○
- 448 Complete mitochondrial genomes of two click-beetles, *Sinelater perroti* and *Sternocampus coriaceus* (Coleoptera: Elateroidea: Elateridae), and their phylogenetic implications. **2023**, 26, 102059 ○
- 447 First observed dolphin fall in the South China sea: Implications for the biogeography. **2023**, 196, 104026 ○
- 446 Complete genome of the kikuyu grass chloroplast (*Cenchrus clandestinus*) and comparative analysis within the subfamily Panicoideae. **2023**, 34, 100414 ○
- 445 A comprehensive phylogeny and revised taxonomy illuminate the origin and diversification of the global radiation of *Papilio* (Lepidoptera: Papilionidae). **2023**, 183, 107758 ○
- 444 Is it inappropriate to ask for your age? Evaluating parameter impact on tree dating in a challenging clade (Macroscelidea). **2023**, 183, 107756 ○
- 443 *Ortholinea nupchi* n. sp. (Myxosporea: Ortholineidae) from the urinary bladder of the cultured olive flounder *Paralichthys olivaceus*, South Korea. **2023**, 94, 102734 ○
- 442 Phylogenomics and taxon-rich phylogenies of new and historical specimens shed light on the systematics of *Hypnea* (Cystocloniaceae, Rhodophyta). **2023**, 183, 107752 ○
- 441 Diversity and phylogeny of seagrasses in Singapore. **2023**, 187, 103648 ○
- 440 Identification of *Cotylophoron cotylophorum* (Fischöeder, 1901) in cattle on St. Kitts, West Indies and its relationship with African and Asian populations. **2023**, 95, 102751 ○
- 439 Phylogenetic diversity of the mangrove crabs communities in the Persian Gulf; its relationship with functional diversity highlights conservation priorities. **2023**, 53, ○
- 438 Unsuspected findings about phylogeny and ultrastructure of the enigmatic cyanobacterium *Microcrocis geminata* resulted in its epitypification and novel placement in Geminocystaceae. **2023**, 23, 110-121 ○
- 437 Nuclear import of IRF11 via the importin β pathway is essential for its antiviral activity. **2023**, 141, 104649 ○
- 436 Molecular evolution of the hemoglobin gene family across vertebrates. ○
- 435 Genetic diversity of *Kappaphycus malesianus* (Solieriaceae, Rhodophyta) from the Philippines. **2023**, 187, 103649 ○

- 434 Geography and past climate changes have shaped the evolution of a widespread lizard in arid Central Asia. **2023**, 184, 107781 ○
- 433 An insight on the complete chloroplast genome of *Gomphocarpus siniacus* and *Duvalia velutina*, Asclepiadoideae (Apocynaceae). 84, ○
- 432 The genome of a Far Eastern isolate of *Diaporthe caulivora*, a soybean fungal pathogen. **2023**, 107, 1311-1327 ○
- 431 Expanding *Acutuncus*: Phylogenetics and morphological analyses reveal a considerably wider distribution for this tardigrade genus. **2023**, 180, 107707 ○
- 430 *Phialophora chinensis* fungal keratitis: An initial case report and species identification. **2023**, 29, 101800 ○
- 429 The austral biflagellate *Chloromonas rubroleosa* (Chlorophyceae) is the closest relative of the unusual quadriflagellate genus *Chlainomonas*, both found in snow. **2023**, 59, 342-355 ○
- 428 The phylogenomics and evolutionary dynamics of the organellar genomes in carnivorous *Utricularia* and *Genlisea* species (Lentibulariaceae). **2023**, 181, 107711 ○
- 427 Small population of the largest water strider after the late Pleistocene and the implications for its conservation. **2023**, 859, 147219 ○
- 426 Morpho-Molecular Discordance? Re-Approaching Systematics of *Cambeva* (Siluriformes: Trichomycteridae) from the Guaratuba-Babitonga-Itapocu Area, Southern Brazil. **2023**, 8, 63 1
- 425 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 ○
- 424 Molecular Detection of *Candidatus Orientia chuto* in Wildlife, Saudi Arabia. **2023**, 29, 402-406 ○
- 423 Gathering morphological and molecular data for identifying two species of trematodes from the neotropical Vaillant's frog, *Lithobates vaillanti* (Amphibia: Ranidae) in the highlands of Chiapas, south-eastern Mexico. **2023**, 97, ○
- 422 The detection of major clades and new species of *Mallocybe* (Inocybaceae, Agaricales) from China with elongate cheilocystidia. **2023**, 22, ○
- 421 Morphological and Molecular Identification of *Dactylogyrus gobiocypris* (Monogenea: Dactylogyridae) on Gills of a Model Fish, *Gobiocypris rarus* (Cypriniformes: Gobionidae). **2023**, 12, 206 ○
- 420 <i>Hypochnicium</i> sensu lato (<i>Polyporales</i>, <i>Basidiomycota</i>) from Japan, with descriptions of a new genus and three new species. **2023**, 64, 19-34 ○
- 419 Fungal Diversity in Korean Caves and Cave-Inhabiting Bats with Attention to *Pseudogymnoascus* Species. **2023**, 15, 198 ○
- 418 A New Species of Bisexual *Milnesium* (Eutardigrada: Apochela) Having Aberrant Claws from Innhovde, Dronning Maud Land, East Antarctica. **2023**, 40, ○
- 417 The Cambrian cirratuliform *lotuba* denotes an early annelid radiation. **2023**, 290, ○

- 416 Autochthonous *Onchocerca lupi* infection of a domestic dog in Austria. **2023**, 16, ○
- 415 Morpho-molecular analysis of podolampadacean dinoflagellates (Dinophyceae), with the description of two new genera. **2023**, 62, 117-135 ○
- 414 Boletaceae in China: Taxonomy and phylogeny reveal a new genus, two new species, and a new record. 13, ○
- 413 Morphological and molecular analysis of *Aggregata aspera* n. sp. (Apicomplexa: Aggregatidae) in *Amphioctopus ovulum* and *Amphioctopus marginatus* (Mollusca: Cephalopoda) from the Western Pacific Ocean. **2023**, 88, 125957 ○
- 412 A Novel Relapsing Fever Group *Borrelia* Isolated from *Ornithodoros* Ticks of the Brazilian Caatinga. **2023**, 11, 370 ○
- 411 *Cinnamomum verum* Plantations in the Lowland Tropical Forest of Mexico Are Affected by *Phytophthora cinnamomi*, Phylogenetically Classified into *Phytophthora* Subclade 7c. **2023**, 9, 187 ○
- 410 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 ○
- 409 One Species or Two: A Puzzling Case from Scapaniaceae (Marchantiophyta). **2023**, 15, 205 ○
- 408 Comparison of the mitochondrial genomes of three geographical strains of *Apis laboriosa* indicates high genetic diversity in the black giant honeybee (Hymenoptera: Apidae). **2023**, 13, ○
- 407 Characterization of the complete mitochondrial genome sequence of *Tanichthys albiventris* and phylogenetic analysis. **2023**, 8, 207-210 ○
- 406 Morphological characteristics and phylogenetic analyses revealed four new species of Agaricales from China. 14, ○
- 405 Two new corticioid species of Phanerochaetaceae (Polyporales, Basidiomycota) from Southwest China. 13, 1 ○
- 404 A New Species of *Neoscytalidium hylocereum* sp. nov. Causing Canker on Red-Fleshed Dragon Fruit (*Hylocereus polyrhizus*) in Southern Thailand. **2023**, 9, 197 ○
- 403 Diversity and Distribution of *Calonectria* Species in Soils from *Eucalyptus urophylla* f. *grandis*, *Pinus massoniana*, and *Cunninghamia lanceolata* Plantations in Four Provinces in Southern China. **2023**, 9, 198 ○
- 402 Global population genetic structure and lineage differentiation of the stable fly, *Stomoxys calcitrans*. ○
- 401 Parvovirus dark matter in the cloaca of wild birds. **2022**, 12, 1 ○
- 400 Identification of coronaviruses in bats and rodents in northern and central Argentina. **2023**, 168, ○
- 399 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 ○

- 398 Molecular phylogeny reveals distinct evolutionary lineages of the banded krait, *Bungarus fasciatus* (Squamata, Elapidae) in Asia. **2023**, 13, ○
- 397 The Phylogenetic Status of Asiatic *Bulbophyllum* Sect. *Physometra* (Orchidaceae) and Character Evolution Related to the Section. ○
- 396 Four New Species of *Russula* Subsection *Sardoninae* from China. **2023**, 9, 199 ○
- 395 Insights into the Deep Phylogeny and Novel Gene Rearrangement of Mytiloidea from Complete Mitochondrial Genome. ○
- 394 Additions to Thelebolales (Leotiomyces, Ascomycota): *Pseudogeomyces lindneri* gen. et sp. nov. and *Pseudogymnoascus campensis* sp. nov.. 95, 47-60 ○
- 393 Not the Last Piece of the Puzzle: *Niphargus* Phylogeny in Hungary. **2023**, 15, 223 ○
- 392 Taxonomic Advances from Fungal Flora Associated with Ferns and Fern-like Hosts in Northern Thailand. **2023**, 12, 683 ○
- 391 Plastome Phylogeny and Taxonomy of *Cinnamomum guizhouense* (Lauraceae). **2023**, 14, 310 ○
- 390 Plastid Phylogenomic Insights into the Inter-Tribal Relationships of Plantaginaceae. **2023**, 12, 263 ○
- 389 Pet Rats as the Likely Reservoir for Human Seoul Orthohantavirus Infection. **2023**, 15, 467 ○
- 388 Morphology and Phylogeny Reveal Three *Montagnula* Species from China and Thailand. **2023**, 12, 738 ○
- 387 Pan-Plastome of Greater Yam (*Dioscorea alata*) in China: Intraspecific Genetic Variation, Comparative Genomics, and Phylogenetic Analyses. **2023**, 24, 3341 ○
- 386 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 ○
- 385 Basal Anseriformes from the Early Paleogene of North America and Europe. **2023**, 15, 233 ○
- 384 *Paraphlomis yingdeensis* (Lamiaceae), a new species from Guangdong (China). 219, 107-120 ○
- 383 *Dunaliella viridis* TAV01: A Halotolerant, Protein-Rich Microalga from the Algarve Coast. **2023**, 13, 2146 ○
- 382 Macroevolutionary diversity of traits and genomes in the model yeast genus *Saccharomyces*. **2023**, 14, ○
- 381 Comprehensive analysis of the complete mitochondrial genome of *Melanoplus differentialis* (Acrididae: Melanoplinae) captured in Korea. **2023**, 53, 66-81 ○

- 380 Infection dynamics, transmission, and evolution after an outbreak of porcine reproductive and respiratory syndrome virus. 14, ○
- 379 Molecular phylogeny and historical biogeography of *Cyclommatus* stag beetles (Coleoptera: Lucanidae): Insights into their evolution and diversification in tropical and subtropical Asia. 11, ○
- 378 One to host them all: genomics of the diverse bacterial endosymbionts of the spider *Oedothorax gibbosus*. **2023**, 9, ○
- 377 Identification and Genomic Characterization of Anelloviruses in Patients with Chronic Lymphocytic Leukemia. **2023**, 2023, 1-8 ○
- 376 A new species of *Caulophacus* (Hexactinellida: Lyssacinosida: Rossellidae) from the western Pacific Ocean, with new insights into the mitochondrial genome characteristics of hexactinellid sponges. 10, ○
- 375 Genetic polymorphisms of seven *Trichoderma* spp strains, their potential as biological control agent and growth promoter in tomato. ○
- 374 The mitochondrial genomes of the Geometroidea (Lepidoptera) and their phylogenetic implications. **2023**, 13, ○
- 373 Genome skimming elucidates the evolutionary history of Octopoda. **2023**, 182, 107729 ○
- 372 Plastome evolution and phylogeny of the tribe Ruteae (Rutaceae). **2023**, 13, ○
- 371 *Khargia* gen. nov., a new genus of simple trichal Cyanobacteria from the Persian Gulf. **2023**, 23, 49-61 ○
- 370 Molecular phylogeny of Spirotrichonympha (Parabasalia) with emphasis on *Spirotrichonympha*, *Spirotrichonympha*, and three new genera *Pseudospironympha*, *Nanospirotrichonympha*, and *Brugerollina*. ○
- 369 The Effectiveness of Molecular, Karyotype and Morphological Methods in the Identification of Morphologically Conservative Sibling Species: An Integrative Taxonomic Case of the *Crociodura attenuata* Species Complex in Mainland China. **2023**, 13, 643 1
- 368 Molecular phylogeny, systematics and biogeography of the subfamily Nemognathinae (Coleoptera, Meloidae). **2023**, 37, 101-116 ○
- 367 The complete chloroplast genome sequence of *Salvia chienii* E.Peter, 1936 (Lamiaceae). **2023**, 8, 255-259 ○
- 366 Maternal Donor and Genetic Variation of *Lagerstroemia indica* Cultivars. **2023**, 24, 3606 ○
- 365 DNA Barcoding of Wild Plants with Potential Medicinal Properties from Faifa Mountains in Saudi Arabia. **2023**, 14, 469 ○
- 364 An in-depth investigation of cryptic taxonomic diversity in the rare endemic mustard *Draba maguirei*. **2023**, 110, ○
- 363 Temporal Dynamics of *Anaplasma marginale* Infections and the Composition of *Anaplasma* spp. in Calves in the Mnisi Communal Area, Mpumalanga, South Africa. **2023**, 11, 465 ○

- 362 Disentangling Crocus Series Verni and Its Polyploids. **2023**, 12, 303 1
- 361 Cladosporium Species Associated with Fruit Trees in Guizhou Province, China. **2023**, 9, 250 0
- 360 Sequence Characterization of ITS Regions of Immortelle Helichrysum italicum (Roth) G. Don from the East Adriatic Coast. **2023**, 14, 480 0
- 359 Intra-Host Evolution Provides for the Continuous Emergence of SARS-CoV-2 Variants. 0
- 358 New insights on the systematics of echinoids belonging to the family Spatangidae Gray, 1825 using a combined approach based on morphology, morphometry, and genetics. 10, 0
- 357 Umbelopsis (Mucoromycota) from Patagonia, Argentina: identification, phylogenetic analysis, and expression profiling of lipase activity and lipid accumulation in selected isolates. **2023**, 22, 0
- 356 GermanIxodes inopinatus samples may not actually represent this tick species. 0
- 355 Reshaping the material research paradigm of electrochemical energy storage and conversion by machine learning. 0
- 354 Phylogeny-wide analysis of G-protein coupled receptors in social amoebas and implications for the evolution of multicellularity. 2, 134 0
- 353 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 0
- 352 Transcriptome Sequencing of the Diatom Asterionellopsis thurstonii and In Silico Identification of Enzymes Potentially Involved in the Synthesis of Bioactive Molecules. **2023**, 21, 126 0
- 351 On the origin and evolution of RNA editing in metazoans. **2023**, 42, 112112 0
- 350 New record of Sporochneus dotyi (Sporochneales, Phaeophyceae) from Kii Peninsula, Japan. **2023**, 71, 100-106 0
- 349 Diaporthe species associated with the maritime grass Festuca rubra subsp. pruinosa. 14, 0
- 348 Phylogenetic data reveal a surprising origin of Euphorbia orphanidis (Euphorbiaceae) and environmental modeling suggests that microtopology limits its distribution to small patches in Mt. Parnassus (Greece). 14, 0
- 347 Genetic analysis of the tomato russet mite provides evidence of oligophagy and a widespread pestiferous haplotype. **2023**, 89, 171-199 0
- 346 A new species of <i>Neofavolus</i> (<i>Polyporales, Basidiomycota</i>) from Brazil. **2023**, 64, 69-73 0
- 345 Fossils from the Montceau-les-Mines Lagerst tte (305 Ma) shed light on the anatomy, ecology and phylogeny of Carboniferous millipedes. **2023**, 21, 0

- 344 Hybrid origin and status of the endangered *Ilex sanqingshanensis* revealed by molecular and morphological evidence. ○
- 343 A New Species of the Genus *Achalinus* (Squamata: Xenodermidae) from the Dabie Mountains, Anhui, China. **2023**, 13, 708 ○
- 342 First report of *Crassiphiala* sp. (Trematoda: Diplostomidae) as an etiological agent of black spot disease in commercial ornamental fish from Brazil. **2023**, 122, 1037-1042 ○
- 341 Using PhyloSuite for molecular phylogeny and tree-based analyses. **2023**, 2, ○
- 340 Leaf spot on *Rosa banksiae* caused by *Calonectria fujianensis* in China. **2023**, 124, 101972 ○
- 339 How voles adapt to subterranean lifestyle: Insights from RNA-seq. 11, ○
- 338 Genetic differences among the Interior Highlands walleye (*Sander vitreus*) with mitochondrial and nuclear markers indicate the need for updated stocking practices. ○
- 337 A new, disjunct species of *Bahiana* (Euphorbiaceae, Acalyphoideae): Phytogeographic connections between the seasonally dry tropical forests of Peru and Brazil, and a review of spinescence in the family. 219, 121-144 ○
- 336 Diversity and Endemism of Southern African Gekkonids Linked with the Escarpment Has Implications for Conservation Priorities. **2023**, 15, 306 ○
- 335 Segregation of the genus *Parahypoxylon* (Hypoxylaceae, Xylariales) from *Hypoxylon* by a polyphasic taxonomic approach. 95, 131-162 2
- 334 *Crocus speciosus* (Iridaceae) – A New Species for the Bulgarian Flora. **2023**, 12, 932 ○
- 333 The complete mitochondrial genome of the hybrid snow crab *Chionoecetes opilio* (?) *C. japonicus* (?) (Crustacea: Decapoda: Majoidea) and its phylogenetic analysis. 12, 195 ○
- 332 Distribution and Phylogenetic Position of the Antarctic Ribbon Worm *Heteronemertes longifissa* (Nemertea, Pilidiophora). **2023**, 15, 809 ○
- 331 Identification and Characterization of *Fusarium* Species Causing Watermelon Fruit Rot in Northern Thailand. **2023**, 12, 956 ○
- 330 Comparison of plastid genomes and ITS of two sister species in *Gentiana* and a discussion on potential threats for the endangered species from hybridization. **2023**, 23, ○
- 329 *Agamerms* sp. (Nematoda: Mermithidae) parasitizing *Armadillidium vulgare* (Crustacea: Isopoda) in Argentina. **2023**, 97, ○
- 328 Insights into the systematics of *Alluaudinella* and allied *Aethiopomyia* and *Ochromusca* (Muscidae, Diptera). **2023**, 52, 279-297 ○
- 327 A new species of *Myxobolus* (Cnidaria: Myxosporea: Myxobolidae) from the gibel carp *Carassius gibelio* (Cypriniformes: Cyprinidae). **2023**, 153, 87-93 ○

- 326 rphenoscate: An R package for semantic-aware evolutionary analyses of anatomical traits. ○
- 325 Filling gaps in the phylogeny of *Amauroderma* s. lat. (Polyporales, Ganodermataceae). **2023**, 155, 140-153 ○
- 324 The complete mitochondrial genome of the South African snoek *Thyrsites atun* (Euphrasini, 1791) (Perciformes, Gempylidae). **2023**, 8, 288-291 ○
- 323 First Report of *Colletotrichum fructicola* Causing Fruit Rot and Leaf-Tip Dieback on Pineapple in Northern Thailand. **2023**, 12, 971 ○
- 322 The "True Colours" of Golden Loaches (Teleostei: Cobitidae). **2023**, 8, 119 ○
- 321 Morphology and Multigene Phylogeny Revealed Three New Species of *Helminthosporium* (Massarinaceae, Pleosporales) from China. **2023**, 9, 280 ○
- 320 Phylogeography of *Ramalina farinacea* (Lichenized Fungi, Ascomycota) in the Mediterranean Basin, Europe, and Macaronesia. **2023**, 15, 310 ○
- 319 Two new species of *Haploporus* (Polyporales, Basidiomycota) from China and Ecuador based on morphology and phylogeny. 13, ○
- 318 First record of the flat-skulled woolly bat *Kerivoula depressa* and the Indochinese woolly bat *K. dongduongana* (Chiroptera, Vespertilionidae) in China. 1149, 1-15 ○
- 317 A new glassfrog species of the genus *Centrolene* (Amphibia, Anura, Centrolenidae) from Cordillera del Cñdor, southern Ecuador. 1149, 53-84 ○
- 316 Performance of intron 7 of the β -fibrinogen gene for phylogenetic analysis: An example using gladiator frogs, *Boana Gray, 1825* (Anura, Hylidae, Cophomantinae). 1149, 145-169 ○
- 315 Myrmecophily of the enigmatic stag beetle *Torynognathus chrysomelinus* (Coleoptera: Lucanidae: Lucaninae) with remarks on adult morphology, immature stages, and systematic position. **2023**, 26, ○
- 314 Novel gene re-arrangement in the mitochondrial genome of *Pisidia serratifrons* (Anomura, Galatheaidea, Porcellanidae) and phylogenetic associations in Anomura. 11, ○
- 313 New insights into the phylogeny and evolution of Chinese *Ovophis* (Serpentes, Viperidae): Inferred from multilocus data. ○
- 312 Comparative phylogeography and integrative systematic revision of Iberian endemic earthworms (*Crassiclitellata*, Lumbricidae). ○
- 311 A new ektopodontid possum (*Diprotodontia*, Ektopodontidae) from the Oligocene of central Australia, and its implications for phalangeroid interrelationships. 1 ○
- 310 Phylogenomics of darkling beetles (Coleoptera: Tenebrionidae) from the Atacama Desert. 11, e14848 ○
- 309 *Gastrodia bawanglingensis* (Orchidaceae, Epidendroideae), a new species from Hainan Island, China. 220, 39-50 ○

- 308 Phylogenomics, phylogeography and germplasms authentication of the *Rheum palmatum* complex based on complete chloroplast genomes. ○
- 307 The Low Variability of Tc24 in *Trypanosoma cruzi* TcI as an Advantage for Chagas Disease Prophylaxis and Diagnosis in Mexico. **2023**, 12, 368 ○
- 306 Comparative Analysis of Complete Mitochondrial Genome of *Ariosoma meeki* (Jordan and Snider, 1900), Revealing Gene Rearrangement and the Phylogenetic Relationships of Anguilliformes. **2023**, 12, 348 ○
- 305 Fungal diversity notes 1512–1610: taxonomic and phylogenetic contributions on genera and species of fungal taxa. **2022**, 117, 1-272 2
- 304 Amblyopinae Mitogenomes Provide Novel Insights into the Paraphyletic Origin of Their Adaptation to Mudflat Habitats. **2023**, 24, 4362 ○
- 303 Species delimitation, molecular phylogeny and historical biogeography of the sweetlips fish (Perciformes, Haemulidae). **2023**, 99, 135-147 ○
- 302 Reemergence of Lymphocytic Choriomeningitis Mammarenavirus, Germany. **2023**, 29, 631-634 ○
- 301 Analysis of the complete mitogenome of *Daphnia galeata* from the Han River, South Korea: structure comparison and control region evolution. **2023**, 23, ○
- 300 Complete chloroplast genomes of six Neotropical palm tree species: genome structure comparison, identification of repeats sequences and evolutionary dynamic patterns. ○
- 299 *Multiverruca sinensis* gen. nov., sp. nov., a thermotolerant fungus isolated from soil in China. **2023**, 73, ○
- 298 Evolution of enzyme functionality in the flavin-containing monooxygenases. **2023**, 14, ○
- 297 The Temnocephalidae (Platyhelminthes): molecular data illuminate the evolution of an ancient group of symbiotic flatworms. **2023**, 21, ○
- 296 First Detection of *Photobacterium* spp. in Acute Hemorrhagic Septicemia from the Nursehound Shark *Scyliorhinus stellaris*. **2023**, 8, 128 ○
- 295 Comprehensive phylogenomic analyses reveal that order Armophorida is most closely related to class Armophorea (Protista, Ciliophora). **2023**, 182, 107737 ○
- 294 Introducing *Cyanodorina* gen. nov. and *Cyanodorina ovale* sp. nov. (Microcystaceae, Chroococcales), a Novel Coccoid Cyanobacterium Isolated from Caohai Lake in China Based on a Polyphasic Approach. **2023**, 15, 329 ○
- 293 Phylogenetic placement of the protosteloid amoeba *Microglomus paxillus* identifies another case of sporocarpic fruiting in Discosea (Amoebozoa). ○
- 292 Molecular phylogenetic tools reveal the phytogeographic history of the genus *Capparis* L. and suggest its reclassification. **2023**, 58, 125720 ○
- 291 Morphological and molecular analyses confirm the presence of the newly described bat species *Molossus melini* in the Espinal ecoregion from Argentina. ○

- 290 Anatomy and phylogeny of a new small macraucheniid (Mammalia: Litopterna) from the Bahã Inglesa Formation (late Miocene), Atacama Region, Northern Chile. ○
- 289 The complete mitochondrial genome of a fouling mussel, *Xenostrobus atratus* (Mollusca: Mytilidae), and its phylogenetic implication. **2023**, 8, 301-304 ○
- 288 Complete chloroplast genome of *Daphne pseudomezereum* var. *koreana* (Thymelaeaceae). **2023**, 8, 305-309 ○
- 287 Description of the Three Complete Mitochondrial Genomes of *Sitta* (*S. himalayensis*, *S. nagaensis*, and *S. yunnanensis*) and Phylogenetic Relationship (Aves: Sittidae). **2023**, 14, 589 ○
- 286 The molecular phylogenetic position of *Harpagocarpus* (Polygonaceae) sheds new light on the infrageneric classification of *Fagopyrum*. 220, 109-126 ○
- 285 A new hypercarnivorous hyaenodont from the Eocene of South China. 11, ○
- 284 Genetic Variation versus Morphological Variability in European Peatland Violets (*Viola epipsila* V. palustris Group). **2023**, 12, 362 ○
- 283 Fungal Pathogens Associated with Aerial Symptoms of Avocado (*Persea americana* Mill.) in Tenerife (Canary Islands, Spain) Focused on Species of the Family Botryosphaeriaceae. **2023**, 11, 585 1
- 282 Genetic diversity, phylogeny and biogeography in the tadpole shrimp *Triops granarius* (Branchiopoda: Notostraca) in Qatar. **2023**, 69, 30-40 ○
- 281 Ultrastructural characterization of *Minutocellus polymorphus* (Cymatosiraceae, Bacillariophyta) and first record from the Eastern Pacific. **2023**, 66, 141-150 ○
- 280 A new species of Bush frog (Anura, Rhacophoridae, *Raorchestes*) from southeastern Yunnan, China. 1151, 47-65 ○
- 279 Root Rot of *Cinnamomum camphora* (Linn) Presl Caused by *Phytopythium vexans* in China. **2023**, 12, 1072 ○
- 278 Apomictic Mountain Whitebeam (*Sorbus austriaca*, Rosaceae) Comprises Several Genetically and Morphologically Divergent Lineages. **2023**, 12, 380 1
- 277 *Cartusia hunanensis* sp. nov. (Oculatellaceae, Oculatellales) from a Stream in China Based on Polyphasic Approach. **2023**, 15, 350 ○
- 276 Mitochondrial phylogenomics provides conclusive evidence that the family Ancyrocephalidae is deeply paraphyletic. **2023**, 16, ○
- 275 Comparative molecular and morphological species delineation of *Halammohydra* Remane, 1927 (Hydrozoa) with the description of four new species. ○
- 274 Unveiling the evolutionary relationships and the high cryptic diversity in Andean rainfrogs (Craugastoridae: *Pristimantis myersi* group). 11, e14715 ○
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- 272 Complete genome sequences of newly discovered *Dioscorea* bacilliform AL virus and *Dioscorea* bacilliform SN virus isolates from *Dioscorea bulbifera* L. in northeastern Brazil. ○
- 271 The phylogeography and ecology of *Oligobranchia* frenulate species suggest a generalist chemosynthesis-based fauna in the arctic. **2023**, 9, e14232 ○
- 270 *Androctonus tihamicus* sp. nov. from the Mecca Province, Saudi Arabia (Scorpiones, Buthidae). 1152, 9-34 ○
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- 263 Extraordinary diversity among allopatric species in the genus *Goniurosaurus* (Squamata: Eublepharidae): understanding niche evolution and the need of conservation measures. **2023**, 32, 1549-1571 ○
- 262 Characterization of the complete mitochondrial genome of the Brazilian cownose ray *Rhinoptera brasiliensis* (Myliobatiformes, Rhinopteridae) in the western Atlantic and its phylogenetic implications. ○
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- 260 Molecular Phylogenetic Relationships and Unveiling Novel Genetic Diversity among Slow and Pygmy Lorises, including Resurrection of *Xanthonycticebus intermedius*. **2023**, 14, 643 ○
- 259 Complete Mitochondrial Genomes of Four *Pelodiscus sinensis* Strains and Comparison with Other Trionychidae Species. **2023**, 12, 406 ○
- 258 A New Parasitic *Archamoeba* Causing Systemic Granulomatous Disease in Goldfish Extends the Diversity of Pathogenic *Endolimax* spp.. **2023**, 13, 935 ○
- 257 Phylogeographic and Morphological Analysis of *Botrylloides niger* Herdman, 1886 from the Northeastern Mediterranean Sea. **2023**, 15, 367 ○
- 256 Molecular phylogenetics coupled with morphological analyses of Arctic and Antarctic strains place *Chamaepinnularia* (Bacillariophyta) within the Sellaphoraceae. ○
- 255 Integrative approach resolves the systematics of barred wolf snakes in the *Lycodon striatus* complex (Reptilia, Colubridae). ○

- 254 First record and description of three new species in the land snail genus *Diplommatina* Benson, 1849 (Caenogastropoda, Diplommatinidae) from Satun Province, Thailand. **2023**, 99, 195-207 ○
- 253 Dengue virus infection during window period of consecutive outbreaks in Nepal and assessment of clinical parameters. ○
- 252 Seven new "cryptic" species of Discodorididae (Mollusca, Gastropoda, Nudibranchia) from New Caledonia. 1152, 45-95 ○
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- 250 Improved hepatitis delta virus genome characterization by single molecule full-length genome sequencing combined with VIRiONT pipeline. **2023**, 95, ○
- 249 Descriptions of two new species of the botiid genus *Leptobotia* Bleeker, 1870 (Teleostei: Cypriniformes) from South China. ○
- 248 Analysis of synonymous codon usage patterns in mitochondrial genomes of nine *Amanita* species. 14, ○
- 247 It's a small world for parasites: evidence supporting the North American invasion of European *Echinococcus multilocularis*. **2023**, 290, 1
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- 245 Characterization of the complete mitochondrial genomes of two Critically Endangered wedgefishes: *Rhynchobatus djiddensis* and *Rhynchobatus australiae*. **2023**, 8, 352-358 ○
- 244 Native and Non-Native *Bemisia tabaci* NAFME Haplotypes Can Be Implicated in Dispersal of Endemic and Introduced Begomoviruses in Oman. **2023**, 14, 268 ○
- 243 Relict duck-billed dinosaurs survived into the last age of the dinosaurs in subantarctic Chile. ○
- 242 Eelgrass (*Zostera* spp.) associated phytomyxids are host-specific congeneric parasites and predominant eukaryotes in the eelgrass rhizosphere on a global scale. ○
- 241 Morphological and Phylogenetic Analyses Reveal a New Species of *Anthracophyllum* (Omphalotaceae, Agaricales) in Zhejiang Province, China. ○
- 240 Morphology, morphogenesis and molecular phylogeny of a novel saline soil ciliate, *Urosoma quadrinucleatum* n. sp. (Ciliophora, Hypotrichia). **2023**, 88, 125970 ○
- 239 Honey characterization and identification of fructophilic lactic acid bacteria of fresh samples from *Melipona beecheii*, *Scaptotrigona pectoralis*, *Plebeia llorentei*, and *Plebeia jatifformis* hives. 7, ○
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- 230 Comparative Genomics of Firmicutes reveals probable adaptations for xylose fermentation in *Thermoanaerobacterium saccharolyticum*. ○
- 229 Centriole Remodeling Evolved into Centriole Degradation in Mouse Sperm. ○
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- 226 Mitochondrial phylogeography of grassland caterpillars (Lepidoptera: Lymantriinae:Gynaephora) endemic to the Qinghai-Tibetan Plateau. ○
- 225 The complete mitochondrial genome of a wild-collected *Kappaphycus malesianus* (Solieriaceae, Rhodophyta). **2023**, 8, 359-363 ○
- 224 Mitochondrial Genome Sequence of *Salvia officinalis* (Lamiales: Lamiaceae) Suggests Diverse Genome Structures in Cogenetic Species and Finds the Stop Gain of Genes through RNA Editing Events. **2023**, 24, 5372 ○
- 223 A complete mitogenome of the Przewalski's Wonder Gecko (*Teratoscincus przewalskii*) from the Junggar Basin in Northwest China with its phylogenetic implications. **2023**, 8, 398-401 ○
- 222 Litthabitellidae: a new family of the Truncatelloidea (Mollusca: Caenogastropoda). **2023**, 57, 299-329 ○
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- 220 Distinctive origin and evolution of endemic thistle of Korean volcanic island: Structural organization and phylogenetic relationships with complete chloroplast genome. **2023**, 18, e0277471 ○
- 219 New record of *Halymenia malaysiana* (Halymeniaceae, Rhodophyta) from Viet Nam, and its genetic diversity in the western Pacific. **2023**, 66, 113-123 ○

- 218 Simultaneous production of α -linolenic acid and carotenoids by a novel microalgal strain isolated from the underexplored habitat of intermittent streams. **2023**, 71, 103055
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- 210 Molecular phylogeny and morphology reveal four new species of *Thelephora* (Thelephorales, Basidiomycota) from subtropical China, closely related to *T. ganbajun*. 14,
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- 207 The first complete mitochondrial genomes of three dobsonfly species (Megaloptera: Corydalidae) from Pakistan with phylogenetic implications. **2022**, 66,
- 206 A new diminutive durophagous Miocene dasyuromorphian (Marsupialia, Malleodectidae) from the Riversleigh World Heritage Area, northern Australia.
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- 202 Phylogeny of *Trigonotis* in China—with a special reference to its nutlet morphology and plastid genome. **2023**,
- 201 Asynchronous phylogeographic and demographic dynamics of rodent community in the low latitude Asia.

- 200 Mitochondrial genome evolution in the Diprionidae: Major gene rearrangement in the basal Hymenoptera. ○
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- 191 Re-examination of a rare protosteloid amoeba <i>Schizoplasmodiopsis micropunctata</i>, and the revision of <i>Tychosporium</i> (<i>Cavosteliida</i>, <i>Variosea</i>, <i>Amoebozoa</i>). **2023**, 64, 63-68 ○
- 190 Comprehensive molecular characterization of complete mitogenome assemblies of 33 *Eimeria* isolates infecting domestic chickens. **2023**, 16, ○
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- 188 A new species of *Mukupirna* (Diprotodontia, Mukupirnidae) from the Oligocene of Central Australia sheds light on basal vombatoid interrelationships. 1-29 ○
- 187 Complete chloroplast genome sequences of Myristicaceae species with the comparative chloroplast genomics and phylogenetic relationships among them. **2023**, 18, e0281042 ○
- 186 The complete mitochondrial genome of *Hytotissa sinensis* (Bivalvia, Ostreoidea) indicates the genetic diversity within Gryphaeidae. 11, ○
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- 184 High Andean Steppes of Southern Chile Contain Little-Explored *Peltigera* Lichen Symbionts. **2023**, 9, 372 ○
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- 182 Land snail diversity in central China: revision of *Laeocathaica* Mllendorff, 1899 (Gastropoda, Camaenidae), with descriptions of seven new species. 1154, 49-147 ○
- 181 *Globisporangium* and *Pythium* Species Associated with Yield Decline of *Pyrethrum* (*Tanacetum cinerariifolium*) in Australia. **2023**, 12, 1361 ○
- 180 Revealing the Stygobiotic and Crenobiotic Molluscan Diversity in the Caucasus: Part IV—Crenobiotic *Belgrandiellinae* Radoman, 1983 (Mollusca, Hydrobiidae) from Georgia. **2023**, 15, 450 ○
- 179 New insights into the phylogenetic relationships among wild onions (*Allium*, Amaryllidaceae), with special emphasis on the subgenera *Anguinum* and *Rhizirideum*, as revealed by plastomes. 14, ○
- 178 A tale of two tubeworms: taxonomy of vestimentiferans (Annelida: Siboglinidae) from the Mid-Cayman Spreading Centre. **2023**, 37, 167-191 ○
- 177 *Hericium opheliae* sp. nov., a novel species of *Hericium* (Basidiomycota: Russulales, Hericiaceae) from the Southern Afrotemperate forests of South Africa. 1-9 ○
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- 172 Comparative analysis of the organelle genomes of three *Rhodiola* species provide insights into their structural dynamics and sequence divergences. **2023**, 23, ○
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- 169 Multiple gene co-options underlie the rapid evolution of sexually deceptive flowers in *Gorteria diffusa*. **2023**, ○
- 168 Exploring genome gene content and morphological analysis to test recalcitrant nodes in the animal phylogeny. **2023**, 18, e0282444 ○
- 167 *Callicarpa stoloniformis* (Lamiaceae), a new species from Southeast China based on morphological characters and phylogenetic evidence. **2023**, 13, ○
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- 165 A new, rare, small-ranged, and endangered mountain snake of the genus *Elaphe* from the Southern Levant. **2023**, 13, ○

- 164 *Neofusicoccum cryptomeriae* sp. nov. and *N. parvum* Cause Stem Basal Canker of *Cryptomeria japonica* in China. **2023**, 9, 404 ○
- 163 *Waldsteinia* within *Geum* s.l. (Rosaceae): Main Aspects of Phylogeny and Speciation History. **2023**, 15, 479 ○
- 162 Endemic lineages of spiny frogs demonstrate the biogeographic importance and conservational needs of the Hindu Kush-Himalaya region. ○
- 161 The complete mitochondrial genome of *Pethia padamya* (Actinopteri, Cyprinidae). **2023**, 8, 426-429 ○
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- 151 A new deep-sea species of *Elliptiolucina* Cosel & Bouchet, 2008 (Bivalvia, Lucinida, Lucinidae) from cold seep of the South China Sea. **2023**, 99, 261-271 ○
- 150 Evaluating species boundaries using coalescent delimitation in pine-killing *Monochamus* (Coleoptera: Cerambycidae) sawyer beetles. **2023**, 107777 ○
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- 146 Taxonomic revision of *Tinocladia* (Ectocarpales s.l., Phaeophyceae): merger of *Tinocladia* with *Eudesme* and description of *E. pseudocrassa* sp. nov. 1-11 ○
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- 133 Eelgrass (*Zostera* spp.) associated phytomyxids are host-specific congeneric parasites and predominant eukaryotes in the eelgrass rhizosphere on a global scale. ○
- 132 Molecular and morphological analyses disclose the existence of three species of Dolichopoda (Orthoptera: Rhaphidophoridae) in the Calabria region (Italy). **2023**, 57, 372-394 ○
- 131 Fungal Diversity Associated with Thirty-Eight Lichen Species Revealed a New Genus of Endolichenic Fungi, *Intumescencia* gen. nov. (Teratosphaeriaceae). **2023**, 9, 423 ○
- 130 Hunting *Drosophila* viruses from wild populations: A novel isolation approach and characterisation of viruses. **2023**, 19, e1010883 ○
- 129 *Meretrix taiwanica* (Bivalvia: Veneridae), a previously misidentified new species in Taiwan. 1-10 ○

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- 127 Assessment of the genetic diversity of Chinese freshwater mussels and refuge areas in the Yangtze River floodplain. ○
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- 115 New Insights into the Variation and Admixture of the Cave-Dwelling Spider *Trogloneta yunnanensis* in South China Karst. **2023**, 13, 1244 ○
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- 111 On the genus *Oncophorus* (Rhabdoweisiaceae, Bryophyta) in Russia. **2023**, 57, 123-142 ○

- 110 *Gerhardtia tomentosa* and *Ossicaulis borealis* (Agaricales, Lyophyllaceae) – two new species from northeast China. 14, ○
- 109 Marine conditions in Andaman Sea shape the unique genetic structure of *Sargassum plagiophyllum* C.Agardh. ○
- 108 Glycoside hydrolase family 5 gene Pp07886 in *Pythium porphyrae*: Identification, characterization, expression pattern, and activation of the host immunity. **2023**, 71, 103090 ○
- 107 Diversity of *Pholcus* Spiders (Araneae: Pholcidae) in China – Liang Mountains: An Integrated Morphological and Molecular Approach. **2023**, 14, 364 ○
- 106 Systematics and Taxonomy of the *Hymenophyllum polyanthos* Complex in the Brazilian Atlantic Forest Domain. **2023**, 48, 55-77 ○
- 105 *Albophoma* belongs in *Ophiocordycipitaceae*, with a new record from China. **2022**, 137, 537-543 ○
- 104 Novel isolate of *Cladosporium subuliforme* and its potential to control Asian citrus psyllid, *Diaphorina citri* Kuwayama (Hemiptera: Liviidae). **2023**, 33, ○
- 103 *Hymenoscyphus conscriptus* & *H. fucatus*, newly recorded from Turkey. **2022**, 137, 555-567 ○
- 102 Systematics of the Plumeweeds: The Genus *Carminatia* (Eupatorieae, Asteraceae). **2023**, 48, 15-33 ○
- 101 Plastid phylogenomics and species discrimination in the “Chinese” clade of *Roscoea* (Zingiberaceae). **2023**, ○
- 100 Galapagos giant tortoise trafficking case demonstrates the utility and applications of long-term comprehensive genetic monitoring. ○
- 99 The identity of *Nanorana yunnanensis* (Anderson, 1879) from Thailand, with a description of its tadpole (Anura, Dicroglossidae). **2023**, 5263, 365-388 ○
- 98 A review of the subgenus *Parapisa* of *Apisa* (Lepidoptera: Erebiidae: Arctiinae) with description of a remarkable species from Cameroon Highlands. 81, 371-394 ○
- 97 Rearranging the Bird’s Nest Fungi: molecular review of internal clades in *Cyathus* (Nidulariaceae, Basidiomycota). **2023**, 14, ○
- 96 Evolutionary history of New World crakes (Aves: Rallidae) with emphasis on the tribe Laterallini. ○
- 95 Ancient origin of Jingchuvirales derived glycoproteins integrated in arthropod genomes. **2023**, 46, ○
- 94 Hagfish genome illuminates vertebrate whole genome duplications and their evolutionary consequences. ○
- 93 Morphology and phylogeny revealed *Tomophagus cattiensis* (Ganodermataceae) as a new record for India. ○

- 92 Two new species of genus *Leucoagaricus* (Agaricaceae, Agaricales) from Pakistan. 96, 159-171 ○
- 91 Genetic Diversity and Population Structure of the Slender Racer (*Orientocoluber spinalis*) in South Korea. **2023**, 15, 543 ○
- 90 Complete Mitochondrial Genome of *Piophila casei* (Diptera: Piophilidae): Genome Description and Phylogenetic Implications. **2023**, 14, 883 ○
- 89 Molecular phylogenetic and morphological support for the recognition of *Friesodielsia lalisae* (Annonaceae), a new species from S Thailand. **2023**, 53, ○
- 88 Characterization of *Pseudofusicoccum* Species from Diseased Plantation-Grown *Acacia mangium*, *Eucalyptus* spp., and *Pinus massoniana* in Southern China. **2023**, 12, 574 ○
- 87 *Phytophthora alticola* and *P. boodjera* associated with decline of young *Eucalyptus smithii* trees in Uruguay. ○
- 86 Adaptive evolution characteristics of mitochondrial genomes in genus *Aparapotamon* (Brachyura, Potamidae) of freshwater crabs. **2023**, 24, ○
- 85 First description of the mitochondrial genomes of the Central American brocket deer *Mazama temama* (Kerr, 1792) and the Yucatán Peninsula brocket deer *Odocoileus pandora* Merriam, 1901. ○
- 84 A global survey of tapeworms (Cestoda: Proteocephalidae) of 'true' frogs (Amphibia: Ranidae), including a tabulated list of all proteocephalids parasitising amphibians. 70, ○
- 83 Nereididae (Annelida) phylogeny based on molecular data. ○
- 82 A New *Mayorella* Species Isolated from the Mariana Trench Area (Pacific Ocean). **2023**, 125958 ○
- 81 Redisposition of apiosporous genera *Induratia* and *Muscodor* in the Xylariales, following the discovery of an authentic strain of *Induratia apiospora*. **2023**, 64, ○
- 80 Amino acids integrate behaviors in nerveless placozoans. 17, ○
- 79 *Pilumnidae* Samouelle, 1819 (Crustacea: Decapoda: Brachyura: *Pilumnidae*) of the Persian Gulf and Gulf of Oman, with a note on their phylogeny. **2023**, 5264, 256-274 ○
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- 77 First Study of *Ascaris lumbricoides* from the Semiwild Population of the Sumatran Orangutan *Pongo abelii* in the Context of Morphological Description and Molecular Phylogeny. **2023**, 13, 1016 ○
- 76 The Complete Mitochondrial Genome of *Mytilisepta virgata* (Mollusca: Bivalvia), Novel Gene Rearrangements, and the Phylogenetic Relationships of Mytilidae. **2023**, 14, 910 ○
- 75 Phylogenetic Relationships of the Pseudogobionini Group (Teleostei: Cyprinidae) with Selection Pressure Analyses to Genes of Mitochondrial Genome. **2023**, 8, 201 ○

- 74 Detection of the Xanthi Chryso-like Virus in New Geographical Area and a Novel Arthropod Carrier. **2023**, 8, 225 ○
- 73 The characteristics of the complete chloroplast genome of *Staurogyne concinnula* (Hance) O. Kuntze (Acanthaceae). **2023**, 8, 507-511 ○
- 72 Anguillids in the upper NuâBalween River, South-East Asia: species composition, distributions, natal sources and conservation implications. **2023**, ○
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- 70 Sporadic occurrence of haemosporidian parasites in two species of marsh terns. ○
- 69 There and back again: when and how the worldâ richest snake family (Dipsadidae) dispersed and speciated across the Neotropical region. ○
- 68 A tough nutlet to crack: resolving the phylogeny of *Thesium* (Thesiaceae), the largest genus in Santalales. ○
- 67 Phylogenomic investigation of safflower (*Carthamus tinctorius*) and related species using genotyping-by-sequencing (GBS). **2023**, 13, ○
- 66 Characterization of the complete mitochondrial genomes of five hard ticks and phylogenetic implications. ○
- 65 Comparative Chloroplast Genome Analysis of Chinese Lacquer Tree (*Toxicodendron vernicifluum*, Anacardiaceae): East-West Divergence within Its Range in China. **2023**, 14, 818 ○
- 64 Rich but morphologically problematic: an integrative approach to taxonomic resolution of the genus *Neospirorchis* (Trematoda: Schistosomatoidea). **2023**, ○
- 63 Systematics and evolutionary history of the genus *Micromys* (Mammalia: Rodentia: Muridae). ○
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- 61 Three-dimensional morphology of the biramous appendages in *Isoxys* from the early Cambrian of South China, and its implications for early euarthropod evolution. **2023**, 290, ○
- 60 Plastid Phylogenomic Analyses Reveal a Cryptic Species of *Ligusticopsis* (Apiaceae, Angiosperms). **2023**, 24, 7419 ○
- 59 The Complete Chloroplast Genomes of *Gynostemma* Reveal the Phylogenetic Relationships of Species within the Genus. **2023**, 14, 929 ○
- 58 *Colletotrichum* Species Associated with Anthracnose in *Salix babylonica* in China. **2023**, 12, 1679 ○
- 57 New postcranial elements of mesonychid mammals from the Ypresian of France: New hypotheses for the radiation and evolution of the mesonychids in Europe. ○

- 56 Phylogenetic analyses based on molecular and morphological data reveal a new species of *Strigea* Abildgaard, 1790 (Digenea: Strigeidae) and taxonomic changes in strigeids infecting Neotropical birds of prey. **2023**, 97, ○
- 55 MRF: a tool to overcome the barrier of inconsistent genome annotations and perform comparative genomics studies for the largest animal DNA virus. **2023**, 20, ○
- 54 Multigene phylogeny reveals a cryptic diversity in the genus *Dinobryon* (Chrysophyceae) with integrative description of five new species. 14, ○
- 53 Isolation and characterization of gut bacteria associated with the degradation of host-specific terpenoids in *Pagiophloeus tsushmanus* (Coleoptera: Curculionidae) larvae. **2023**, 23, ○
- 52 Gill Monogeneans (Platyhelminthes) Parasitic on *Gnathopogon elongatus* and *G. caerulescens* (Cypriniformes: Gobionidae) from Japan, with Descriptions of One New Species of *Dactylogyrus* and Three New Species of *Bivaginogyrus* (Dactylogyridae). **2023**, 28, 69-97 ○
- 51 *Bryorutstroemia* (Rutstroemiaceae, Helotiales), a New Genus to Accommodate the Neglected Sclerotiniaceous Bryoparasitic Discomycete *Helotium fulvum*. **2023**, 13, 1041 ○
- 50 Origin of adaptations to open environments and social behaviour in sabretoothed cats from the northeastern border of the Tibetan Plateau. **2023**, 290, ○
- 49 Detection of a Diverse Endophyte Assemblage within Fungal Communities Associated with the Arundo Leaf Miner, *Lasioptera donacis* (Diptera: Cecidomyiidae). **2023**, 15, 571 ○
- 48 A new *Bolitoglossa* (Amphibia, Caudata, Plethodontidae) from the Cordillera Oriental of Colombia. 1158, 27-48 ○
- 47 Molecular phylogeny of the genus *Dorometra* Clark, 1917 (Crinoidea: Comatulida: Antedonidae): a new genus and new insights for future taxonomic revisions of Antedonidae. **2023**, 21, ○
- 46 The genus *Armadillo* Latreille, 1802 (Oniscidea, Armadillidae) from Cyprus, with descriptions of two new species. **2023**, 5270, 67-91 ○
- 45 Towards resolving *Nothophaeocryptopus* and *Rhizosphaera* inhabitants of spruce needles. ○
- 44 *Achalinus quangi*, a new odd-scaled snake species from Vietnam. **2023**, 5270, 48-66 ○
- 43 A taxonomic revision of *Boiga multomaculata* (Boie, 1827) and *B. ochracea* (Theobald, 1868), with the description of a new subspecies (Squamata, Serpentes, Colubridae). **2023**, 5270, 151-193 ○
- 42 Description of four new *Medeopteryx* Ballantyne (Coleoptera, Lampyridae, Luciolinae) species from Thailand and their phylogenetic placements based on mitochondrial DNA. **2023**, 102084 ○
- 41 Integrative taxonomy reveals two new narrowly-endemic crayfish species (Decapoda: Cambaridae) from the Yadkin River Basin in western North Carolina, USA. **2023**, 5270, 207-230 ○
- 40 *Onthodiplogaster japonica* n. gen., n. sp. (Rhabditida: Diplogastridae) isolated from *Onthophagus* sp. (Coleoptera: Scarabaeidae) from Japan. **2023**, 13, ○
- 39 Genetic diversity among sea snakes of the genus *Hydrophis* (Elapidae, Reptilia) in the Persian Gulf and Gulf of Oman. 1158, 121-131 ○

- 38 Attack of the clones: Population genetics reveals clonality of *Colletotrichum lupini*, the causal agent of lupin anthracnose. ○
- 37 Taxonomy and phylogeny of *Sidera* (Hymenochaetales, Rickenella clade) from China and North America revealing two new species. 96, 173-191 ○
- 36 Species of the *Colletotrichum* spp., the Causal Agents of Leaf Spot on European Hornbeam (*Carpinus betulus*). **2023**, 9, 489 ○
- 35 *Arabidopsis* Nicotianamine Synthases (NAS) comprise a common core-NAS domain fused to a variable auto-inhibitory C-terminus. **2023**, 104732 ○
- 34 Polyphasic characterisation of *Microcoleus autumnalis* (Gomont, 1892) Strunecky, Koma rek & J.R.Johansen, 2013 (Oscillatoriales, Cyanobacteria) using a metabolomic approach as a complementary tool. 11, ○
- 33 Nematode and Strepsipteran Parasitism in Bait-Trapped and Hand-Collected Hornets (Hymenoptera, Vespidae, Vespa). **2023**, 14, 398 ○
- 32 Morphologic and molecular characterization of *Apertospathula pilata* n. sp., a novel freshwater spathidiid (Ciliophora, Litostomatea) from Idaho, USA. **2023**, 125990 ○
- 31 Metapangenomics of wild and cultivated banana microbiome reveals a plethora of host-associated protective functions. **2023**, 18, ○
- 30 Revisiting the phylogeny of the family Miridae (Heteroptera: Cimicomorpha), with updated insights into its origin and life history evolution. **2023**, 107796 ○
- 29 A new genus, *Complexispora*, with two new species, *C. multistratosa* and *C. mediterranea*, and *Epigeocarpum japonicum* sp. nov.. **2023**, 22, ○
- 28 Neoisoptera repeatedly colonised Madagascar after the Middle Miocene climatic optimum. ○
- 27 The genus *Pupa* Riding, 1798 (Mollusca, Gastropoda, Acteonidae) in New Caledonia with notes on Recent species. **2023**, 5270, 471-506 ○
- 26 Origin and diversification of a Himalayan orchid genus *Pleione*. **2023**, 107797 ○
- 25 *Barranca variabilis* sp. nov. A New Terrestrial Alga of the Genus *Barranca* (Chaetophorales, Chlorophyta) from the Baikal Region (Russia). **2023**, 15, 583 ○
- 24 Characterization of a novel picornavirus prevalent in experimental rabbits (*Oryctolagus cuniculus*). **2023**, e15702 ○
- 23 The mitochondrial genome of the diploid oat *Avena longiglumis*. **2023**, 23, ○
- 22 *Silene ophioglossa* (Caryophyllaceae, Sileneae), a new species from southwest China. 225, 99-113 ○
- 21 Insights into the evolutionary history of Diestramimini cave crickets (Orthoptera, Rhabdophoridae). ○

- 20 Clinical Evaluation of Class II Restorations Made with Bulk-fill Restorative Materials. **2023**, 11, 141-150 ○
- 19 Molecular and phenotypic characterization of *Hemicriconemoides rosae* (Rathour et al., 2003) from mustard rhizosphere in India. **2023**, 84, ○
- 18 Low Genetic Diversity in the Highly Morphologically Diverse *Sida fallax* Walp. (Malvaceae) Throughout the Pacific1. **2023**, 76, ○
- 17 Description of *Cylindrospermum solincola* sp. nov. from Jammu and Kashmir, India and Further Insights into the Ecological Distribution and Morphological Attributes of *Cylindrospermum badium*. **2023**, 15, 592 ○
- 16 Morphology and molecular phylogeny of the marine diatom genus *Nagumoea* (Bacillariophyceae) from Japan. ○
- 15 The first record of a non-native seaweed from South Georgia and confirmation of its establishment in the Falkland Islands: *Ulva fenestrata* Postels & Ruprecht. **2023**, 46, 489-496 ○
- 14 Complete mitochondrial genomes of the *Acmaeidae* limpets provide new insights into the internal phylogeny of the Patellogastropoda (Mollusca: Gastropoda). 10, ○
- 13 Horizontal Transposon Transfer and Their Ecological Drivers: The Case of Flower-breeding *Drosophila*. **2023**, 15, ○
- 12 De novo transcriptomes of six calanoid copepods (Crustacea): a resource for the discovery of novel genes. **2023**, 10, ○
- 11 Deep genetic divergences and geographic distribution of the red algal genus *Caulacanthus* (Gigartinales). 10, ○
- 10 Phylogenomics and Biogeography of North American Trechine Cave Beetles (Coleoptera: Carabidae). ○
- 9 *Apostasia* Mitochondrial Genome Analysis and Monocot Mitochondria Phylogenomics. **2023**, 24, 7837 ○
- 8 A new species of the genus *Catillopecten* (Bivalvia: Pectinoidea: Propeamussiidae): morphology, mitochondrial genome, and phylogenetic relationship. 10, ○
- 7 Mitochondrial introgression and mito-nuclear discordance obscured the closely related species boundaries in *Cletus* Stål from China (Heteroptera: Coreidae). **2023**, 184, 107802 ○
- 6 Comparative analysis of dioecious *Amaranthus* plastomes and phylogenomic implications within *Amaranthaceae* s.s.. **2023**, 23, ○
- 5 Meeting in Liguria: Hybridisation between Apennine endemic *Euphorbia barrelieri* and western Mediterranean *E. nicaeensis* led to the allopolyploid origin of *E. ligustica*. **2023**, 185, 107805 ○
- 4 The complete chloroplast genome sequence of *Eugenia klotzschiana* O. Berg unveils the evolutionary dynamics in plastomes of Myrteae DC. tribe (Myrtaceae). **2023**, 147488 ○
- 3 Chromatic polymorphism in *Trichomycterus jacupiranga* from eastern Brazilian Coastal basins (Siluriformes: Trichomycteridae). **2023**, 5285, 360-372 ○

- 2 Chitosan is involved in elicitation of vestitol production in *Lotus japonicus*. 67, 75-86 ○
- 1 Molecular and morphological approaches redefine the limits among polymorphic species in the Neotropical longhorn beetle genus, *Myzomorpha* Sall' (Coleoptera: Cerambycidae: Prioninae). **2023**, 5285, 252-270 ○