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2256	EVOLUTIONARY GENETICS OF TWO SIBLING SPECIES, DROSOPHILA SIMULANS AND D. SEHELLIA. <i>Evolution; International Journal of Organic Evolution</i> , 1986 , 40, 673-691	3.8	98
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2249	Taxonomy, evolutionary biology and biogeography of South West European <i>Polyommatus coridon</i> (Lepidoptera: Lycaenidae). 1988 , 93, 259-271		10
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2247	Systematics of the Lemuridae (Primates, Strepsirhini). 1988 , 17, 513-538		33
2246	On the biochemical systematics of the bovine. 1988 , 16, 575-579		30
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2243	Cloning and nucleotide sequence of the <i>Streptomyces coelicolor</i> gene encoding glutamine synthetase. 1988 , 71, 247-56		54
2242	<i>Naegleria andersoni</i> n.sp., a cosmopolitan amoeba-flagellate, with two subspecies. 1988 , 23, 327-33		10
2241	Genetic Differentiation among Steamer-Ducks (Anatidae: Tachyeres): An Electrophoretic Analysis. 1988 , 90, 773-781		14

2240	Phylogenetic analysis using ribosomal RNA. 1988 , 164, 793-812	110
2239	Genetic Evidence for Relationships in the Avian Family Vireonidae. 1988 , 90, 428-445	45
2238	Phylogeny of antigenic variants of avian coronavirus IBV. 1989 , 169, 217-21	116
2237	Glycoprotein evolution of vesicular stomatitis virus New Jersey. 1989 , 168, 281-91	48
2236	Phylogeny of nitrogenase sequences in Frankia and other nitrogen-fixing microorganisms. 1989 , 29, 436-47	113
2235	Influenza viruses, comets and the science of evolutionary trees. 1989 , 140, 289-303	16
2234	The Study of Geographic Variation. 1989 , 106, 157-160	17
2233	Unified approach to alignment and phylogenies. 1990 , 183, 626-45	307
2232	Phylogeny and molecular evolution in primates.. 1990 , 65, 243-266	32
2231	Statistical tests of molecular phylogenies. 1990 , 183, 645-59	26
2230	Evolutionary relationships between "Q-type" photosynthetic reaction centres: hypothesis-testing using parsimony. 1990 , 145, 535-45	33
2229	Genetic drift and patterns of diversity among colour-polymorphic populations of the homopteran <i>Philaenus spumarius</i> in an island archipelago. 1990 , 39, 219-237	20
2228	On the biochemical systematics of the Caprini and the Rupicaprini. 1990 , 18, 175-182	31
2227	Phylogenetic relationships from three-dimensional protein structures. 1990 , 183, 670-90	55
2226	Genomic structure and comparison of mouse tissue-specific alkaline phosphatase genes. 1990 , 8, 541-54	58
2225	Comparison of vaccine strains and the virus causing the 1986 foot-and-mouth disease outbreak in Spain: epizootiological analysis. 1990 , 15, 45-55	35
2224	Sequences of isopenicillin N synthetase genes suggest horizontal gene transfer from prokaryotes to eukaryotes. 1990 , 241, 164-9	46
2223	Definition of general topological equivalence in protein structures. A procedure involving comparison of properties and relationships through simulated annealing and dynamic programming. 1990 , 212, 403-28	477

2222	Genetic studies in the genus <i>Basidiobolus</i> . 1990 , 14, 197-206	4
2221	Evolution of human alpha 1-acid glycoprotein genes and surrounding Alu repeats. 1990 , 6, 659-65	19
2220	The Development and Application of Analytical Methods in Benthic Marine Infaunal Studies. 1990 , 26, 169-247	21
2219	Molecular approaches to studying helminth population genetics and phylogeny. 1990 , 20, 11-29	85
2218	Structure and evolution of ribonuclease P RNA. 1991 , 73, 689-97	16
2217	Nucleotide Sequence of the 16S Ribosomal RNA Gene from the Haloalkaliphilic Archaeon (<i>Archaeobacterium</i>) <i>Natronobacterium magadii</i> , and the Phylogeny of <i>Halobacteria</i> . 1991 , 14, 352-357	24
2216	Numerical, phenetic, and cladistic analyses: Problems and examples with Orthocladiinae (Diptera, Chironomidae). 1991 , 58, 363-370	
2215	Classification of blister and leaf beetles (Coleoptera Meloidae and Chrysomelidae) by some cladistic and numerical methods. 1991 , 58, 371-377	1
2214	Affinities of the Hawaiian Goose Based on Two Types of Mitochondrial DNA Data. 1991 , 108, 585-593	41
2213	Geographic variation and population systematics: Distinguishing between ecogenetics and phylogenetics. 1991 , 58, 329-335	34
2212	RNA-mediated transfer of the gene <i>coxII</i> from the mitochondrion to the nucleus during flowering plant evolution. 1991 , 66, 473-81	335
2211	Genetic studies in marine fishes. IV. An analysis of population structure in the red drum (<i>Sciaenops ocellatus</i>) using mitochondrial DNA. 1991 , 12, 213-241	41
2210	Mitochondrial DNA Variation and the Phylogeny of <i>Zonotrichia</i> . 1991 , 108, 578-584	57
2209	Vicariance Biogeography Using North Atlantic Chalinidae (Demospongiae). 1991 , 421-431	2
2208	Allozyme versus discrete morphologic characters in the phylogenetic analysis of the land snail <i>Solatopupa</i> (Pulmonata, Chondrinidae). 1991 , 58, 345-354	2
2207	10 Statistical methods for phylogenetic tree reconstruction. 1991 , 8, 317-346	6
2206	DOTDND: A FORTRAN-77 program for showing graphically the confidence or uncertainty in phylogenetic trees. 1991 , 17, 689-718	1
2205	Phylogenetic relationships and rates of allozyme evolution within the Phasianidae. 1991 , 19, 213-221	29

2204	Different approaches to analysis of restriction fragment patterns of chloroplast DNA and phylogenetic relationships in <i>Silene</i> section <i>Siphonomorpha</i> (Caryophyllaceae). 1991 , 19, 559-567	9
2203	Ribosomal RNA gene sequences: Analysis and significance in the phylogeny and taxonomy of green algae. 1991 , 10, 343-368	43
2202	<i>Herpetomonas roitmani</i> (Fiorini et al., 1989) n. comb.: a trypanosomatid with a bacterium-like endosymbiont in the cytoplasm. 1991 , 38, 489-94	24
2201	The osteology of a Lower Permian eosuchian from Texas and a review of diapsid phylogeny. 1991 , 101, 59-95	77
2200	A phylogenetic analysis of American Zamiaceae (Cycadales) using chloroplast DNA restriction fragment length polymorphisms. 1991 , 43, 135	30
2199	The generation of random ultrametric matrices representing dendrograms. 1991 , 8, 177-200	17
2198	Evolution of the cytochrome b gene of mammals. 1991 , 32, 128-44	1787
2197	Evolution of Brown Towhees: Mitochondrial DNA Evidence. 1991 , 93, 98-105	36
2196	Nuclear DNA Polymorphisms Among Strains of <i>Microseris bigelovii</i> (Asteraceae: Lactuceae) Amplified from Arbitrary Primers. 1992 , 105, 331-336	11
2195	Comparison of 5.8S ribosomal DNA sequences among the basidiomycetous yeast genera <i>Cystofilobasidium</i> , <i>Filobasidium</i> and <i>Filobasidiella</i> . 1992 , 30, 207-218	27
2194	Biochemical-genetic variation and differentiation in wild and domestic rabbits. 1992 , 30, 129-141	5
2193	Impact of conidiogenesis, teleomorph connections, pleomorphism and molecular genetics on evolving hyphomycete systematics. 1992 , 30 Suppl 1, 261-9	19
2192	Genetic differentiation of <i>Microseris pygmaea</i> (Asteraceae, Lactuceae) studied with DNA amplification from arbitrary primers (RAPDs). 1992 , 41, 385-395	19
2191	The sequence of the gene encoding elongation factor Tu from <i>Chlamydia trachomatis</i> compared with those of other organisms. 1992 , 120, 33-41	50
2190	A phylogenetic analysis of <i>Aquifex pyrophilus</i> . 1992 , 15, 352-6	213
2189	Highly repeated DNA sequences in birds: the structure and evolution of an abundant, tandemly repeated 190-bp DNA fragment in parrots. 1992 , 14, 462-9	19
2188	Proposal of <i>Burkholderia</i> gen. nov. and transfer of seven species of the genus <i>Pseudomonas</i> homology group II to the new genus, with the type species <i>Burkholderia cepacia</i> (Palleroni and Holmes 1981) comb. nov. 1992 , 36, 1251-75	627
2187	Molecular epidemiology of HIV transmission in a dental practice. 1992 , 256, 1165-71	400

2186	Genetic diversity and the agony of choice. 1992 , 61, 11-15	184
2185	Biogeography of <i>Cladophoropsis membranacea</i> (Siphonocladales, Chlorophyta) as Revealed by Single Copy DNA Distances. 1992 , 35,	1
2184	The endosymbiont hypothesis revisited. 1992 , 141, 233-357	418
2183	Phylogeny and the Evolution of Plant-Animal Interactions. 1992 , 42, 12-20	87
2182	Cloning and sequence analysis of the gene encoding L-lactate dehydrogenase from <i>Lactococcus lactis</i> : evolutionary relationships between 21 different LDH enzymes. 1992 , 122, 193-7	30
2181	Interbreeding, monophyly and the genetic yardstick: species concepts in parasites. 1992 , 8, 208-11	33
2180	Phylogeography of Mitochondrial DNA in Two Species of White-Eyes in Australia. 1992 , 109, 800-811	47
2179	Phylogenetic, Taxonomic and Biogeographical Implications of Genetic, Morphological, and Behavioral Variation in Francolins (Phasianidae: <i>Francolinus</i>). 1992 , 109, 24-42	48
2178	DNA-DNA Hybridization Evidence of Phylogenetic Relationships among Major Lineages of <i>Parus</i> . 1992 , 109, 173-185	84
2177	18S Ribosomal RNA gene sequence characters place the human pathogen <i>Sporothrix schenckii</i> in the genus <i>Ophiostoma</i> . 1992 , 16, 87-91	82
2176	Genetic relationships of the populations in eastern India. 1992 , 19, 489-501	23
2175	Phylogenetic relationships of <i>Sarcocystis</i> species from sheep, goats, cattle and mice based on ribosomal RNA sequences. 1992 , 22, 503-13	41
2174	Phylogenetic relationships among the agent of bacillary angiomatosis, <i>Bartonella bacilliformis</i> , and other alpha-proteobacteria. 1992 , 6, 1801-7	88
2173	18S rDNA sequences and the holometabolous insects. 1992 , 1, 270-8	73
2172	Allozyme evidence for crane systematics and polymorphisms within populations of Sandhill, Sarus, Siberian, and whooping cranes. 1992 , 1, 279-88	17
2171	Evolution of the salmonid mitochondrial control region. 1992 , 1, 179-92	105
2170	A phylogenetic study of the gibbons (<i>Hylobates</i>) using DNA obtained noninvasively from hair. 1992 , 1, 202-10	52
2169	Evolutionary relationships within the fungi: analyses of nuclear small subunit rRNA sequences. 1992 , 1, 231-41	255

2168	Molecular phylogeny of the prickly shark, <i>Echinorhinus cookei</i> , based on a nuclear (18S rRNA) and a mitochondrial (cytochrome b) gene. 1992 , 1, 161-7	21
2167	The phylogenetic relationships of flies in the family Drosophilidae deduced from mtDNA sequences. 1992 , 1, 31-40	80
2166	Convergence in ascospore discharge mechanism among pyrenomycete fungi based on 18S ribosomal RNA gene sequence. 1992 , 1, 59-71	89
2165	Gene phylogenies and the endosymbiotic origin of plastids. 1992 , 28, 75-90	121
2164	Detecting morphological convergence in true fungi, using 18S rRNA gene sequence data. 1992 , 28, 117-25	61
2163	Green algae and the evolution of land plants: inferences from nuclear-encoded rRNA gene sequences. 1992 , 28, 127-37	19
2162	New publication. 1992 , 39, 114-118	
2161	Phylogeny of gymnosperms inferred from rbcL gene sequences. 1992 , 105, 673-679	45
2160	Phylogenetic relationships in gnetophyta deduced from rbcL gene sequences. 1992 , 105, 385-391	17
2159	<i>Leishmania tarentolae</i> taxonomic relatedness inferred from phylogenetic analysis of the small subunit ribosomal RNA gene. 1992 , 53, 121-7	50
2158	Ribosomal DNA sequence comparison of <i>Babesia</i> and <i>Theileria</i> . 1992 , 54, 87-95	49
2157	Molecular cloning of dihydrolipoamide acetyltransferase of the rat pyruvate dehydrogenase complex: sequence comparison and evolutionary relationship to other dihydrolipoamide acyltransferases. 1992 , 1131, 114-8	16
2156	The inference of evolutionary trees from molecular data. 1992 , 102, 643-59	4
2155	Isoenzymatic analysis of some freshwater <i>Anabaena</i> strains from Southern Italy. 1992 , 20, 753-759	
2154	Inconsistency of biochemical evolutionary rates affecting allozyme divergence within the genus <i>Apodemus</i> (Muridae: Mammalia). 1992 , 20, 363-372	12
2153	Phylogenetic analysis of alphaviruses in the Venezuelan equine encephalitis complex and identification of the source of epizootic viruses. 1992 , 191, 282-90	64
2152	Bootstrap approaches to estimating confidence intervals for molecular dissimilarities and resultant trees. 1992 , 23, 481-493	3
2151	Character and OTU stability in five taxonomic groups. 1992 , 9, 117-140	3

2150	Taxonomy and evolution of European brown frogs. 1992 , 104, 293-311	19
2149	A review of the phylogeny and classification of the Asteraceae. 1992 , 12, 141-148	40
2148	Chloroplast DNA restriction site variation and phylogenetic interrelationships of some genera of the Heliantheae sensu lato (Asteraceae). 1992 , 12, 149-154	8
2147	Disassembling Papaver: a restriction site analysis of chloroplast DNA. 1992 , 12, 205-217	18
2146	Systematic Overview of Krigia (Asteraceae-Lactuceae). 1992 , 44, 173	5
2145	The structure and interrelationship of fungal populations in native and cultivated soils. 1992 , 1, 241-249	49
2144	The internal phylogeny of ants (Hymenoptera: Formicidae). 1992 , 17, 301-329	143
2143	Phylogenetic frameworks: towards a firmer foundation for the comparative approach. 1993 , 49, 45-61	78
2142	Mitochondrial DNA sequence diversity and the colonization of Scandinavia by house mice from East Holstein. 1993 , 50, 85-122	93
2141	Evolution of the tyrosinase related gene (TYRL) in primates. 1993 , 6, 171-7	8
2140	Molecular genetic evidence for reproductive isolation between sympatric populations of smelt Osmerus in Lake Utopia, south-western New Brunswick, Canada. 1993 , 2, 345-357	39
2139	Cytosuclear genetic architecture in mosquitofish populations and the possible roles of introgressive hybridization. 1993 , 2, 139-149	75
2138	Mitochondrial DNA phylogeography in northern grasshopper mice (Onychomys leucogaster)--the influence of Quaternary climatic oscillations on population dispersion and divergence. 1993 , 2, 183-93	26
2137	Phylogenetic relationships within the extant Mustelidae (Carnivora): appraisal of the cladistic status of the Simpsonian subfamilies. 1993 , 108, 301-334	66
2136	Phylogenetic and biogeographic implications of chloroplast DNA variation in Picea. 1993 , 13, 233-246	54
2135	Nuclear DNA sequence divergence between parapatric subspecies of the grasshopper Chorthippus parallelus. 1993 , 2, 185-94	35
2134	Analysis of genetic relationships from morphological characters in Spanish goat breeds. 1993 , 12, 301-314	16
2133	Genetic variability and evolution of the Schistosoma genome analysed by using random amplified polymorphic DNA markers. 1993 , 59, 211-21	74

2132	Nucleotide sequence, transcription and phylogeny of the gene encoding the superoxide dismutase of <i>Sulfolobus acidocaldarius</i> . 1993 , 1174, 95-8	24
2131	Evolution of eukaryotes as deduced from small ribosomal subunit RNA sequences. 1993 , 21, 43-55	29
2130	Molecular evidence for multiple episodes of paedomorphosis in the family Hydractiniidae. 1993 , 21, 57-69	140
2129	Evolution of the mitochondrial ribosomal RNA in the oriental species subgroups of <i>Drosophila</i> . 1993 , 21, 79-83	7
2128	Molecular insights into the relationships and biogeography of West Indian anoline lizards. 1993 , 21, 97-114	44
2127	Allozyme variation and systematics of the New World cyprinodontines (Teleostei: Cyprinodontidae). 1993 , 21, 583-590	6
2126	Phylogenetic studies of a large data set. I. Bambusoideae, Andropogonodae, and Pooideae (Gramineae). 1993 , 59, 273-343	75
2125	Thecal designs in isorophinid edrioasteroids. 1993 , 26, 289-302	32
2124	Parasites, phylogeny and cospeciation. 1993 , 23, 499-506	53
2123	Calibrating the bootstrap test of monophyly. 1993 , 23, 507-14	28
2122	Contributions to the phylogeny of Platyhelminthes based on partial sequencing of 18S ribosomal DNA. 1993 , 23, 705-24	69
2121	The phylogenetic position of the Aspidobothrea within the parasitic flatworms inferred from ribosomal RNA sequence data. 1993 , 23, 169-78	39
2120	Systematic relationships among pocket gopher chewing lice (Phthiraptera: Trichodectidae) inferred from electrophoretic data. 1993 , 23, 191-201	3
2119	Genomic structure of growth hormone genes in chinook salmon (<i>Oncorhynchus tshawytscha</i>): presence of two functional genes, GH-I and GH-II, and a male-specific pseudogene, GH-psi. 1993 , 12, 739-51	140
2118	The evolution of the diatoms (Bacillariophyta). I. Origin of the group and assessment of the monophyly of its major divisions. 1993 , 28, 261-275	77
2117	Mhc-DRB and -DQA1 nucleotide sequences of three lowland gorillas. Implications for the evolution of primate Mhc class II haplotypes. 1993 , 36, 205-18	28
2116	Isolation of Three Species of <i>Geotoga</i> and <i>Petrotoga</i> : Two New Genera, Representing a New Lineage in the Bacterial Line of Descent Distantly Related to the "Thermotogales" 1993 , 16, 191-200	111
2115	Molecular phylogeny of the <i>atpB</i> and <i>atpE</i> genes of the brown alga <i>Pylaiella littoralis</i> . 1993 , 28, 111-113	5

2114	A randomisation test of the null hypothesis that two cladograms are sample estimates of a parametric phylogenetic tree. 1993 , 31, 257-268	78
2113	Vesicular transporters join the major facilitator superfamily (MFS). 1993 , 18, 248-9	12
2112	Evolutionary Relationships Among Higher Fungi Inferred from Small Ribosomal Subunit RNA Sequence Analysis. 1993 , 16, 436-444	72
2111	Structure of 16S and 23S Ribosomal RNA Genes in <i>Campylobacter</i> Species: Phylogenetic Analysis of the Genus <i>Campylobacter</i> and Presence of Internal Transcribed Spacers. 1993 , 16, 361-368	34
2110	Ceratocystiopsis: a reappraisal based on molecular criteria. 1993 , 97, 625-633	48
2109	DNA, Phylogeny, and the Flowering of Plant Systematics. 1993 , 43, 380-389	29
2108	A <i>Saccharomyces cerevisiae</i> protein-serine kinase related to mammalian glycogen synthase kinase-3 and the <i>Drosophila melanogaster</i> gene shaggy product. 1993 , 134, 51-6	25
2107	Molecular genetics of <i>Epichloa typhina</i> and <i>Acremonium coenophialum</i> . 1993 , 44, 169-185	10
2106	The Phylogeny of malaria: a useful study. 1993 , 9, 246-50	22
2105	THE SISTER-GROUP OF DIATOMS: AN ANALYSIS USING A COMBINED DATA SET. 1993 , 8, 131-143	3
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2102	The use of Rapd Markers to Discriminate Sections and Species Belonging to <i>Helianthus</i> . 1993 , 7, 21-31	1
2101	Phylogenetic analysis of restriction site data. 1993 , 224, 439-55	20
2100	Phylogeny of dermatophytes and dimorphic fungi based on large subunit ribosomal RNA sequence comparisons. 1994 , 32, 331-41	90
2099	Phylogenetic identification of uncultured pathogens using ribosomal RNA sequences. 1994 , 235, 205-22	56
2098	The phylogenetic position of the genus <i>Astragalus</i> (fabaceae): Evidence from the chloroplast genes rpoC1 and rpoC2. 1994 , 22, 377-388	55
2097	Phylogenetic analysis in genus <i>Euchresta</i> based on secondary metabolites. 1994 , 22, 621-629	5

2096	The phylogeny of <i>Neospora caninum</i> . 1994 , 64, 303-11	104
2095	Molecular evolution of yeast thiolase isozymes. 1994 , 78, 279-282	2
2094	Phylogenetic relationships of the garter snakes based on DNA sequence and allozyme variation. 1994 , 53, 209-229	15
2093	Evidence from 12S Ribosomal RNA Sequences Resolves a Morphological Conundrum in <i>Austrosimulium</i> (Diptera: Simuliidae). 1994 , 33, 131-135	3
2092	A molecular evolutionary framework for eukaryotic model organisms. 1994 , 4, 596-603	95
2091	Phylogenetic analysis of 70 kD heat shock protein sequences suggests a chimeric origin for the eukaryotic cell nucleus. 1994 , 4, 1104-14	192
2090	Genetic variation of microsatellite loci in a bottlenecked species: the northern hairy-nosed wombat <i>Lasiornhinus krefftii</i> . 1994 , 3, 277-90	327
2089	Molecular genetics of the most endangered canid: the Ethiopian wolf <i>Canis simensis</i> . 1994 , 3, 301-12	275
2088	Molecular phylogeny of the actinorhizal Hamamelidae and relationships with host promiscuity towards Frankia. 1994 , 3, 459-467	51
2087	Phylogenetic characterisation of bluetongue viruses from naturally-infected insects, cattle and sheep in Australia. 1994 , 71, 102-5	10
2086	An estimate of the number of serine protease genes expressed in sheep blowfly larvae (<i>Lucilia cuprina</i>). 1994 , 3, 105-15	29
2085	Taxonomy and phylogeny of <i>Gliocladium</i> analysed from nuclear large subunit ribosomal DNA sequences. 1994 , 98, 625-634	630
2084	A yeast actin-related protein homologous to that in vertebrate dynactin complex is important for spindle orientation and nuclear migration. 1994 , 78, 669-79	205
2083	Families of cysteine peptidases. 1994 , 244, 461-86	261
2082	Evolution of 16S-like ribosomal RNA genes in the ciliophoran taxa litostomatea and phyllopharyngea. 1994 , 30, 354-361	42
2081	The polyphyletic origins of ophiostomatoid fungi. 1994 , 98, 1-9	143
2080	Origin of the angiosperm flower: a phylogenetic perspective. 1994 , 7-29	6
2079	Ancestral hemoglobin switching in lampreys. 1994 , 164, 402-8	25

2078	The TGF-beta superfamily: new members, new receptors, and new genetic tests of function in different organisms. 1994 , 8, 133-46	1488
2077	Phylogenetic Relationships Among Filamentous Helical Cyanobacteria Investigated on the Basis of 16S Ribosomal RNA Gene Sequence Analysis. 1994 , 17, 206-210	66
2076	EVOLUTIONARY-DEVELOPMENTAL CHANGE IN THE GROWTH ARCHITECTURE OF FOSSIL RHIZOMORPHIC LYCOPSIDS: SCENARIOS CONSTRUCTED ON CLADISTIC FOUNDATIONS. 1994 , 69, 527-597	72
2075	The genetic relationship of <i>Lodderomyces elongisporus</i> to other ascomycete yeast species as revealed by small-subunit rRNA gene sequences. 1994 , 19, 308-11	24
2074	Bootstrapping in human genetic linkage. 1994 , 58, 129-43	9
2073	Evolution of the transforming growth factor-beta superfamily. 1994 , 5, 99-118	93
2072	Evolutionary relationships among bean common mosaic virus strains and closely related potyviruses. 1994 , 31, 39-48	13
2071	Phylogeny of <i>Metarhizium</i> : analysis of ribosomal DNA sequence data. 1994 , 98, 547-552	125
2070	About the Order of Divergence of the Major Bacterial Taxa During Evolution. 1994 , 17, 32-38	42
2069	Heterogeneity of the L2 gene of field isolates of bluetongue virus serotype 17 from the San Joaquin Valley of California. 1994 , 31, 67-87	34
2068	Independent origins of the synnematosus <i>Penicillium</i> species, <i>P. duclauxii</i> , <i>P. clavigerum</i> , and <i>P. vulpinum</i> , as assessed by two ribosomal DNA regions. 1994 , 98, 250-256	36
2067	A Hypervariable 23S rRNA Region Provides a Discriminating Target for Specific Characterization of Uncultured and Cultured <i>Frankia</i> . 1994 , 17, 433-443	43
2066	Chloroplast small-subunit ribosomal RNA gene sequence from <i>Chlamydomonas parkeae</i> (Chlorophyta): molecular phylogeny of a green alga with a peculiar pigment composition. 1994 , 29, 213-217	8
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2064	Phylogeny of Cranes (Gruiformes: Gruidae) Based on Cytochrome-B DNA Sequences. 1994 , 111, 351-365	68
2063	Reexamination of Barbet Monophyly Using Mitochondrial-DNA Sequence data. 1994 , 111, 389-397	48
2062	Molecular Phylogenetic Affinities of the Night Parrot (<i>Geopsittacus occidentalis</i>) and the Ground Parrot (<i>Pezoporus wallicus</i>). 1994 , 111, 833-843	28
2061	The Use of Cytochrome b Sequence Variation in Estimation of Phylogeny in the Vireonidae. 1994 , 96, 1037-1054	33

2060	Meristic and morphometric variation among anglerfish of the genus <i>Lophius</i> (Lophiiformes). 1994 , 232, 565-584	4
2059	Progress and pitfalls in systematics: cladistics, DNA and morphology*. 1995 , 44, 403-419	7
2058	Actin Coding Regions: Gene Family Evolution and Use as a Phylogenetic Marker. 1995 , 145, 155-164	27
2057	Location of Protist Lineages in a Phylogenetic Tree Inferred from Sequences of DNA-dependent RNA Polymerases. 1995 , 145, 221-230	28
2056	The genus <i>Athroisma</i> (Asteraceae, Heliantheae). 1995 , 119, 101-184	2
2055	Molecular phylogeny of the grass genus <i>Brachypodium</i> P. Beauv. based on RFLP and RAPD analysis. 1995 , 117, 263-280	4
2054	Transfer of <i>Halobacterium saccharovorum</i> , <i>Halobacterium sodomense</i> , <i>Halobacterium trapanicum</i> NRC 34021 and <i>Halobacterium lacusprofundi</i> to the Genus <i>Halorubrum</i> gen. nov., as <i>Halorubrum saccharovorum</i> comb. nov., <i>Halorubrum sodomense</i> comb. nov., <i>Halorubrum trapanicum</i> comb. nov., and <i>Halorubrum lacusprofundi</i> comb. nov.. 1995 , 18, 237-243	93
2053	Phylogenetic Analysis of Seven New Isolates of Ammonia-Oxidizing Bacteria Based on 16S rRNA Gene Sequences. 1995 , 18, 549-559	74
2052	Phylogenetic Position of the Two Uncultivated Trichomonads <i>Pentatrichomonoides scroa</i> Kirby and <i>Metadevescovina extranea</i> Kirby from the Hindgut of the Termite <i>Mastotermes darwiniensis</i> Froggatt. 1995 , 18, 567-573	32
2051	Sequence Conservation between Regulatory Mercury Resistance Genes in Bacteria from Mercury Polluted and Pristine Environments. 1995 , 18, 1-6	34
2050	Transfer of <i>Acidiphilium facilis</i> and <i>Acidiphilium aminolytica</i> to the Genus <i>Acidocella</i> gen. nov., and Emendation of the Genus <i>Acidiphilium</i> . 1995 , 18, 85-91	68
2049	Analysis of genetic relationships in horse breeds. 1995 , 15, 320-328	13
2048	Phylogenetic diversity of yeast-producing basidiomycetes. 1995 , 99, 1205-1210	41
2047	A new pleomorphic ascomycete, <i>Calypotryma arxii</i> gen. et sp. nov., isolated from the human lower oesophagus. 1995 , 99, 1239-1246	5
2046	Phylogenetic relationship among several <i>Leptosphaeria</i> species based on their ribosomal DNA sequences. 1995 , 99, 593-603	48
2045	<i>Pleurotus cystidiosus</i> var. <i>formosensis</i> var. nov.: an unusual <i>Pleurotus</i> collection of subgenus <i>Coremiopleurotus</i> from Taiwan. 1995 , 99, 1479-1482	9
2044	A single isoform of the Na ⁺ /K ⁺ -ATPase alpha-subunit in Diptera: evidence from characterization of the first extracellular domain. 1995 , 4, 179-92	7
2043	Phylogeny of the Coleoptera based on mitochondrial cytochrome oxidase I sequence data. 1995 , 4, 203-15	64

2042	THE PHYLOGENY OF PLASTIDS: A REVIEW BASED ON COMPARISONS OF SMALL-SUBUNIT RIBOSOMAL RNA CODING REGIONS. 1995 , 31, 489-498	227
2041	A MOLECULAR PHYLOGENY OF THE GELIDIALES (RHODOPHYTA) BASED ON ANALYSIS OF PLASTID <i>rbcl</i> NUCLEOTIDE SEQUENCES1. 1995 , 31, 616-632	83
2040	Cloning, expression and sequence analysis of cDNA for the luciferases from the Japanese fireflies, <i>Pyrocoelia miyako</i> and <i>Hotaria parvula</i> . 1995 , 62, 309-13	61
2039	Molecular evolution of the Ca(2+)-binding photoproteins of the Hydrozoa. 1995 , 62, 657-61	62
2038	A reassessment of the familial affinity of the Mexican genus <i>Recchia</i> Molb & Sess ^{ex} DC. 1995 , 47, 397	21
2037	A phylogenetic analysis of micro-organisms isolated from subsurface environments. 1995 , 4, 1-10	5
2036	Conservation genetics of the European brown bear--a study using excremental PCR of nuclear and mitochondrial sequences. 1995 , 4, 95-103	183
2035	Paraphyly of Homoptera and Auchenorrhyncha inferred from 18S rDNA nucleotide sequences. 1995 , 20, 175-194	98
2034	A cladistic analysis of wax scales (Hemiptera: Coccoidea: Coccidae: Ceroplastinae). 1995 , 20, 289-308	14
2033	Phylogeny and early evolution of the Cynipoidea (Hymenoptera). 1995 , 20, 309-335	117
2032	<i>Thermotoga subterranea</i> sp. nov., a new thermophilic bacterium isolated from a continental oil reservoir. 1995 , 164, 91-97	99
2031	Variation and phylogeny of the ribosomal DNA unit types and 5 S DNA in <i>Petunia</i> Jussieu. 1995 , 42, 311-325	4
2030	Molecular phylogenetic analysis of a soil microbial community in a soybean field. 1995 , 46, 415-421	123
2029	A family of bacteriocin ABC transporters carry out proteolytic processing of their substrates concomitant with export. 1995 , 16, 229-40	496
2028	Molecular population genetic analysis of the streptokinase gene of <i>Streptococcus pyogenes</i> : mosaic alleles generated by recombination. 1995 , 16, 509-19	49
2027	Molecular evolutionary analyses of nuclear-encoded small subunit ribosomal RNA identify an independent rhizopod lineage containing the Euglyphina and the Chlorarachniophyta. 1995 , 42, 65-9	126
2026	Phylogenetic relationships of the Nassulida within the phylum Ciliophora inferred from the complete small subunit rRNA gene sequences of <i>Furgasonia blochmanni</i> , <i>Obertruria georgiana</i> , and <i>Pseudomicrothorax dubius</i> . 1995 , 42, 126-31	37
2025	Culture and phylogenetic characterization of <i>Trichomitrus trypanoides</i> Duboscq & Grassl 1924, n. comb.: a trichomonad flagellate isolated from the hindgut of the termite <i>Reticulitermes santonensis</i> Feytaud. 1995 , 42, 388-91	23

2024	Phylogeny of trichomonads inferred from small-subunit rRNA sequences. 1995 , 42, 411-5	91
2023	INTRASPECIFIC GENETIC DIFFERENTIATION IN CALIFORNIA SEA LIONS (ZALOPHUS CALIFORNIANUS) FROM SOUTHERN CALIFORNIA AND THE GULF OF CALIFORNIA. 1995 , 11, 46-58	48
2022	LINGUISTICS, GENETICS AND ARCHAEOLOGY: INTERNAL AND EXTERNAL EVIDENCE IN THE AMERIND CONTROVERSY*. 1995 , 93, 125-225	16
2021	Bootstrapping a method of phylogenetic inference. 1995 , 43, 169-184	
2020	The alpha-helix as seen from the protein tertiary structure: a 3-D structural classification. 1995 , 55, 167-84	14
2019	Modeling mutations and homologous proteins. 1995 , 6, 437-51	129
2018	Pyruvate kinase isozymes: Ancient diversity retained in modern plant cells. 1995 , 23, 773-780	8
2017	Genetic relationship between <i>Salix exigua</i> and other North American willows (<i>Salix</i> L.): Evidence from allozyme variation. 1995 , 23, 767-771	5
2016	Ancient diversity of the glucose-6-phosphate isomerase genes. 1995 , 23, 33-38	5
2015	Characterization and detection of plant trypanosomatids by sequence analysis of the small subunit ribosomal RNA gene. 1995 , 71, 15-26	42
2014	Molecular epidemiological tools and phylogenetic analysis of bacteria and viruses with special emphasis on lyssaviruses. 1995 , 25, 161-181	5
2013	Phylogenetic relationships of five species of <i>Aspergillus</i> and related taxa as deduced by comparison of sequences of small subunit ribosomal RNA. 1995 , 33, 185-90	24
2012	Organisation of the plastid genome from the rhodophyte <i>Chondrus crispus</i> (Gigartinales); sequence and phylogeny of the 16S rRNA gene. 1995 , 30, 133-140	10
2011	Identification of breakpoints in intergenotypic recombinants of HIV type 1 by bootscanning. 1995 , 11, 1423-5	699
2010	Phylogeny and dating of some pathogenic keratinophilic fungi using small subunit ribosomal RNA. 1995 , 33, 299-303	48
2009	Phylogenetic relationships of human-pathogenic <i>Cladosporium</i> (Xylohypha) species inferred from partial LS rRNA sequences. 1995 , 33, 327-38	136
2008	Variation in <i>Echinococcus</i> : towards a taxonomic revision of the genus. 1995 , 35, 145-76	110
2007	On the enumeration of rectangular (0, 1)-matrices. 1995 , 51, 291-313	2

2006	Pineal opsin: a nonvisual opsin expressed in chick pineal. 1995 , 267, 1502-6	145
2005	Phylogeny of the Ranunculaceae based on preliminary atpB, rbcL and 18S nuclear ribosomal DNA sequence data. 1995 , 241-251	9
2004	A revised chloroplast DNA phylogeny of the Ranunculaceae. 1995 , 253-261	6
2003	SMC2, a <i>Saccharomyces cerevisiae</i> gene essential for chromosome segregation and condensation, defines a subgroup within the SMC family. 1995 , 9, 587-99	278
2002	Identification and characterization of a novel protein kinase, TESK1, specifically expressed in testicular germ cells. 1995 , 270, 31331-7	62
2001	Strategies for phylogenetic characterization of subsurface bacteria. 1995 , 21, 235-251	15
2000	Evolution of parasitism in kinetoplastid protozoa. 1995 , 11, 30-32	42
1999	Cloning and analysis of cDNA encoding an elongation factor 1 alpha from the dimorphic fungus <i>Histoplasma capsulatum</i> . 1995 , 161, 119-23	12
1998	A family of trypanosome cdc2-related protein kinases. 1995 , 162, 147-52	59
1997	The CD36, CLA-1 (CD36L1), and LIMPII (CD36L2) gene family: cellular distribution, chromosomal location, and genetic evolution. 1995 , 25, 100-6	106
1996	Historical Burden In Systematics And The Interrelationships Of <i>Parareptiles</i> 1995 , 70, 459-547	130
1995	An organelle-like small subunit ribosomal RNA gene from <i>Babesia bovis</i> : nucleotide sequence, secondary structure of the transcript and preliminary phylogenetic analysis. 1995 , 25, 929-38	14
1994	Evaluation of a reverse hybridization assay for genotyping of hepatitis C virus. 1995 , 23, 654-61	27
1993	Genetic divergence between sibling species <i>Littorina maria</i> Sacchi & Rastelli and <i>L. obtusata</i> (L.) (Mollusca: Gastropoda) from the White Sea. 1995 , 40, 207-218	11
1992	Molecular Systematics and Zoogeography of Flowerpiercers in the <i>Diglossa Baritula</i> Complex. 1995 , 112, 156-170	26
1991	Two Japanese wildcats, the Tsushima cat and the Iriomote cat, show the same mitochondrial DNA lineage as the leopard cat <i>Felis bengalensis</i> . 1995 , 12, 655-9	32
1990	Mitochondrial DNA variability in <i>Anguilla anguilla</i> and phylogenetical relationships with congeneric species. 1995 , 62, 147-151	9
1989	Transfer of two <i>Burkholderia</i> and an <i>Alcaligenes</i> species to <i>Ralstonia</i> gen. Nov.: Proposal of <i>Ralstonia pickettii</i> (Ralston, Palleroni and Doudoroff 1973) comb. Nov., <i>Ralstonia solanacearum</i> (Smith 1896) comb. Nov. and <i>Ralstonia eutropha</i> (Davis 1969) comb. Nov. 1995 , 39, 897-904	503

1988 Rab2 nucleotide coding sequence in gallus gallus and its phylogenetic position. **1995**, 6, 37-9

1987 Phylogeny and Evolutionary Ecology of Modern Seaducks (Anatidae: Mergini). **1995**, 97, 233-255 81

1986 *Microthrix parvicella* is a Novel, Deep Branching Member of the Actinomycetes Subphylum. **1995**, 17, 513-518 52

1985 Complete nucleotide sequence of RNA segment 3 of bluetongue virus serotype 2 (Ona-A). Phylogenetic analyses reveal the probable origin and relationship with other orbiviruses. **1995**, 35, 247-61 46

1984 Geographical genetic variation in the gene encoding VP3 from the Alberta isolate of epizootic hemorrhagic disease virus. **1995**, 36, 279-86 16

1983 Large deletions in the 5'-untranslated region of foot-and-mouth disease virus of serotype C. **1995**, 35, 155-67 36

1982 Phylogenetic Analysis and Taxonomic History of *Nocardia pinensis* and *Nocardia amarae*. **1995**, 17, 519-525 11

1981 A Revision of the Drosophilidae (Diptera) in East Siberia and Russian Far East: Taxonomy and Biogeography. **1996**, 13, 455-477 20

1980 Using CLUSTAL for multiple sequence alignments. **1996**, 266, 383-402 1239

1979 An ascidian homologue of vertebrate BMPs-5-8 is expressed in the midline of the anterior neuroectoderm and in the midline of the ventral epidermis of the embryo. **1996**, 57, 181-90 33

1978 Comparative analysis of the attachment protein gene (H) of dolphin morbillivirus. **1996**, 40, 47-55 27

1977 Petrosal (periotic) and inner ear of a Pliocene kogiine whale (Kogiinae, Odontoceti): implications on relationships and hearing evolution of toothed whales. **1996**, 16, 328-348 65

1976 Systematics of Grouse and Ptarmigan Determined by Nucleotide Sequences of the Mitochondrial Cytochrome-b Gene. **1996**, 113, 811-822 25

1975 Patterns of Allozyme, Mitochondrial DNA, and Morphometric Variation in Four Sparrow Genera. **1996**, 113, 59-67 67

1974 A Phylogenetic Analysis of Modern Pochards (Anatidae: Aythyini). **1996**, 113, 74-93 52

1973 Phylogeny of Gonatozygon and Genicularia (Gonatozygaceae, Desmidiaceae) based on rbcL sequences. **1996**, 31, 309-313 12

1972 Nuclear small-subunit ribosomal RNA gene sequences from representative Ceramiales (Ceramiales, Rhodophyta). **1996**, 31, 23-29 27

1971 Phylogeny based on elongation factor Tu reflects the phenotypic features of mycoplasmas better than that based on 16S rRNA. **1996**, 171, 83-7 30

1970	Cloning and characterization of the gene encoding Halobacterium halobium adenylate kinase. 1996 , 175, 65-70	4
1969	Phylogenetic position of yeast-like symbiont of Hamiltonaphis styraci (Homoptera, Aphididae) based on 18S rDNA sequence. 1996 , 26, 383-8	71
1968	Analysis of the human gene encoding latent transforming growth factor-beta-binding protein-2. 1996 , 28, 531-42	21
1967	A complement factor B-like cDNA clone from the zebrafish (Brachydanio rerio). 1996 , 33, 511-20	57
1966	Phylogenetic relationships of european strains of porcine reproductive and respiratory syndrome virus (PRRSV) inferred from DNA sequences of putative ORF-5 and ORF-7 genes. 1996 , 42, 159-65	76
1965	Phylogenetic analysis of the envelope gene of Japanese encephalitis virus. 1996 , 42, 107-17	29
1964	An unusual protein kinase displaying characteristics of both the serine/threonine and tyrosine families is encoded by the Arabidopsis thaliana gene ATN1. 1996 , 117, 107-119	35
1963	Evolutionary biology of parasitic platyhelminths: The role of molecular phylogenetics. 1996 , 12, 66-71	56
1962	Phylogeny of ticks (Ixodida) inferred from nuclear ribosomal DNA. 1996 , 26, 511-7	58
1961	Re-emergence of epidemic Venezuelan equine encephalomyelitis in South America. VEE Study Group. 1996 , 348, 436-40	207
1960	Evolutionary Relationships among Extant Albatrosses (Procellariiformes: Diomedidae) Established from Complete Cytochrome-B Gene Sequences. 1996 , 113, 784-801	123
1959	Isolation and characterization of a calmodulin-encoding cDNA from the pathogenic fungus Histoplasma capsulatum. 1996 , 34, 163-9	8
1958	Fungal Diversity and Phylogeny with Emphasis on 18S Ribosomal DNA Sequence Divergence. 1996 , 41-51	3
1957	Analysis of the phospholipase C gene of Clostridium perfringens KZ1340 isolated from Antarctic soil. 1996 , 40, 255-63	8
1956	The phylogenetic position of East Asian Sedum species (Crassulaceae) based on chloroplast DNA trnL (UAA)-trnF (GAA) intergenic spacer sequence variation. 1996 , 45, 309-321	18
1955	Bootstrap confidence levels for phylogenetic trees. 1996 , 93, 13429-34	404
1954	Evolutionary analyses of hedgehog and Hoxd-10 genes in fish species closely related to the zebrafish. 1996 , 93, 13036-41	46
1953	Phylogenetic Analysis among Three Species of Intertidal Barnacles of the Genus Tetralita (Cirripedia; Balanomorpha) by Nucleotide Sequences of a Mitochondrial Gene. 1996 , 51, 33-39	18

1952	Phylogenetic analysis in molecular evolutionary genetics. 1996 , 30, 371-403	222
1951	Cloning and characterization of the NAD-linked glycerol-3-phosphate dehydrogenases of <i>Trypanosoma brucei brucei</i> and <i>Leishmania mexicana mexicana</i> and expression of the trypanosome enzyme in <i>Escherichia coli</i> . 1996 , 76, 159-73	25
1950	Families of adenylate cyclase genes in <i>Trypanosoma brucei</i> . 1996 , 77, 173-82	45
1949	Sequence of the gene encoding a highly thermostable neutral proteinase from <i>Bacillus</i> sp. strain EA1: expression in <i>Escherichia coli</i> and characterisation. 1996 , 1308, 74-80	12
1948	Cloning and sequence analysis of a hypothalamic cDNA encoding a D1c dopamine receptor in tilapia. 1996 , 1308, 17-22	9
1947	Molecular evolution of the leguminosae: Phylogeny of the three subfamilies based on rbcL-sequences. 1996 , 24, 365-378	61
1946	Molecular data and biogeography: resolution of a controversy over evolutionary history of a pan-tropical group of invertebrates. 1996 , 203, 117-131	43
1945	Genetic characterisation of <i>Emiliania huxleyi</i> (Haptophyta). 1996 , 9, 13-31	114
1944	The origin and relationships of the pepino, <i>Solanum muricatum</i> (solanaceae): DNA restriction fragment evidence. 1996 , 50, 369-380	23
1943	Classification and phylogeny of the MADS-box multigene family suggest defined roles of MADS-box gene subfamilies in the morphological evolution of eukaryotes. 1996 , 43, 484-516	405
1942	Phylogenetic relationships of annelids, molluscs, and arthropods evidenced from molecules and morphology. 1996 , 43, 207-15	65
1941	Evolution of disintegrin cysteine-rich and mammalian matrix-degrading metalloproteinases: gene duplication and divergence of a common ancestor rather than convergent evolution. 1996 , 43, 263-9	87
1940	Gene structure of a chlorophyll a/c-binding protein from a brown alga: presence of an intron and phylogenetic implications. 1996 , 43, 270-80	49
1939	Probability distribution of molecular evolutionary trees: a new method of phylogenetic inference. 1996 , 43, 304-11	1190
1938	Geographic population structure and sequence divergence in the mitochondrial DNA control region of the Japanese wild boar (<i>Sus scrofa leucomystax</i>), with reference to those of domestic pigs. 1996 , 34, 179-89	48
1937	Anomalous phylogenies based on bacterial catalase gene sequences. 1996 , 42, 469-71	14
1936	Germline genomic structure of the B10.A mouse Tcra-V2 gene subfamily. 1996 , 44, 298-305	16
1935	Sequence analysis of a polymorphic Mhc class II gene in Pacific salmon. 1996 , 43, 337-51	86

1934	Geminiviruses Associated with Diseased Tomatoes in Cuba. 1996 , 144, 277-279	14
1933	Homology among RAPD fragments in interspecific comparisons. 1996 , 5, 99-105	245
1932	Population structure of the yellow-footed rock-wallaby <i>Petrogale xanthopus</i> (Gray, 1854) inferred from mtDNA sequences and microsatellite loci. 1996 , 5, 629-40	108
1931	Population differentiation and evolution in the common guillemot <i>Uria aalge</i> . 1996 , 5, 793-805	53
1930	A phylogeny of the European gentians inferred from chloroplast trnL (UAA) intron sequences. 1996 , 120, 57-75	59
1929	Phylogeny of the Gardenieae (Rubiaceae). 1996 , 121, 91-109	13
1928	A phylogenetic reanalysis of allozyme variation among populations of Galapagos finches. 1996 , 118, 119-134	13
1927	Phylogenetic position of the Tardigrada based on the 18S ribosomal RNA gene sequences. 1996 , 116, 61-69	21
1926	Phylogenetic Analysis of Complete Small Subunit Ribosomal RNA Coding Region of <i>Myxidium lieberkuehni</i> : Evidence that Myxozoa are Metazoa and Related to the Bilateria. 1996 , 147, 1-9	81
1925	Evolution and orthology of hedgehog genes. 1996 , 12, 496-7	59
1924	Ontogeny and phylogeny of <i>Brownleea</i> (Orchidoideae: Orchidaceae). 1996 , 16, 345-357	5
1923	Chloroplast DNA restriction site variation and RAPD-analyses in <i>Cochlearia</i> (Brassicaceae): Biosystematics and speciation. 1996 , 16, 585-603	32
1922	Evolution of the mitochondrial DNA control region in the <i>Anopheles gambiae</i> complex. 1996 , 5, 51-9	45
1921	Molecular phylogenies of figs and their pollinator wasps. 1996 , 23, 521-530	124
1920	Molecular phylogenies of fig pollinating and non-pollinating wasps and the implications for the origin and evolution of the fig-fig wasp mutualism. 1996 , 23, 531-542	68
1919	Adaptive radiation in the Afrotropical region of the Paleotropical genus <i>Lissocephala</i> (Drosophilidae) on the pantropical genus <i>Ficus</i> (Moraceae). 1996 , 23, 543-552	22
1918	16S-like rDNA sequences from <i>Delephyella elegans</i> , <i>Labyrinthuloides haliotidis</i> , and <i>Proteromonas lacertae</i> confirm that the stramenopiles are a primarily heterotrophic group. 1996 , 32, 449-458	86
1917	16S-like rDNA sequence and phylogenetic position of the diplomonad <i>Spironucleus muris</i> (Lavier 1936). 1996 , 32, 227-233	8

1916	X-ray structure of a hydroxamate inhibitor complex of stromelysin catalytic domain and its comparison with members of the zinc metalloproteinase superfamily. 1996 , 4, 375-86	109
1915	Conservation within the myosin motor domain: implications for structure and function. 1996 , 4, 969-87	201
1914	A database of globular protein structural domains: clustering of representative family members into similar folds. 1996 , 1, 209-20	53
1913	Phylogenetic Analysis and In Situ Identification of Uncultivated Spirochetes from the Hindgut of the Termite <i>Mastotermes darwiniensis</i> . 1996 , 19, 66-73	34
1912	The Determination and Comparison of the 16S rRNA Gene Sequences of Species of the Genus <i>Pseudomonas</i> (sensu stricto and Estimation of the Natural Intrageneric Relationships. 1996 , 19, 478-492	230
1911	Compilation of <i>Pseudomonad</i> Sequences Present in a Database on the Structure of Ribosomal RNA. 1996 , 19, 493-500	5
1910	A Feasible Role of Sulfate-Reducing Bacteria in the Termite Gut. 1996 , 19, 139-149	88
1909	Molecular genetic analyses of <i>Rhodobacter azotoformans</i> sp. nov. and related species of phototrophic bacteria. 1996 , 19, 168-177	36
1908	A mtDNA phylogeny of sea eagles (genus <i>Haliaeetus</i>) based on nucleotide sequences of the cytochrome b-gene. 1996 , 24, 783-791	15
1907	Evolution of the Eastern Asian and Eastern North American disjunct genus <i>Symplocarpus</i> (Araceae): insights from chloroplast DNA restriction site data. 1996 , 24, 735-747	27
1906	Phylogenetic analysis of hepatitis C virus isolates and their correlation to viremia, liver function tests, and histology. 1996 , 24, 1003-9	88
1905	Probabilistic models in cluster analysis. 1996 , 23, 5-28	99
1904	Phylogenetic positions of the aberrant branchiobdellidans and aphanoneurans within the Annelida as derived from 18S ribosomal RNA gene sequences. 1996 , 324, 229-236	31
1903	Evidence for the Heterolobosea from phylogenetic analysis of genes encoding glyceraldehyde-3-phosphate dehydrogenase. 1996 , 43, 475-85	41
1902	Phylogenetic analysis of hepatitis C virus isolates from hemodialysis patients. 1996 , 49, 896-902	25
1901	Phylogenetic evolution and biogeography of Southeast Asian shrews (genus <i>Crocidura</i> : Soricidae). 1996 , 58, 197-219	29
1900	The statistical reliability of synapomorphic analyses. 1996 , 58, 483-498	
1899	Phylogenetic relationships among Japanese species of the family Sciuridae (Mammalia, Rodentia), inferred from nucleotide sequences of mitochondrial 12S ribosomal RNA genes. 1996 , 13, 615-20	24

1898	Origin of the Woody Macaronesian Sempervivoideae and the Phylogenetic Position of the East African Species of <i>Aeonium</i> . 1996 , 109, 477-491	51
1897	A high frequency of defective <i>vif</i> genes in peripheral blood mononuclear cells from HIV type 1-infected individuals. 1996 , 12, 1543-9	11
1896	Genetic analysis of V3 domain sequences obtained from Uruguayan HIV type 1-infected individuals. 1996 , 12, 1491-3	10
1895	Progressive alignment of amino acid sequences and construction of phylogenetic trees from them. 1996 , 266, 368-82	87
1894	Cloning, DNA sequence, and regulation of expression of a gene encoding beta-galactosidase from <i>Lactococcus lactis</i> . 1996 , 6, 337-46	5
1893	Innate immunity. Isolation of several cysteine-rich antimicrobial peptides from the blood of a mollusc, <i>Mytilus edulis</i> . 1996 , 271, 21808-13	260
1892	CHARACTERIZATION OF THE WHEAT cDNA ENCODING THE β -SUBUNIT OF THE MITOCHONDRIAL ATP SYNTHASE. 1996 , 44, 77-88	1
1891	Evolutionary Relationships of Chaperonins. 1996 , 27-64	14
1890	MEASURES OF HOMOPLASY. 1996 , 153-188	22
1889	THE MEASUREMENT OF HOMOPLASY: A STOCHASTIC VIEW. 1996 , 189-203	3
1888	Evidence from Cytochrome B Sequences and Allozymes for a 'New' Species of Alcids: The Long-Billed Murrelet (<i>Brachyramphus perdix</i>). 1996 , 98, 681-690	40
1887	Reconstruction of gene trees from sequence data. 1996 , 266, 427-49	22
1886	Phylogenetic Inference for Binary Data on Dendograms Using Markov Chain Monte Carlo. 1997 , 6, 122-131	60
1885	Novel tetrameric tip motifs (APGK and VPGK) in the V3 loop of HIV type 1 envelope sequences in blood and brain from two injection drug users in Miami, Florida. 1997 , 13, 1643-6	4
1884	Scale Biogenesis in Synurophycean Protists: Phylogenetic Implications. 1997 , 16, 497-534	14
1883	Histone deacetylases, acetoin utilization proteins and acetylpolymine amidohydrolases are members of an ancient protein superfamily. 1997 , 25, 3693-7	127
1882	The alpha/beta fold family of proteins database and the cholinesterase gene server ESTHER. 1997 , 25, 143-6	45
1881	Characterization of a RecA/RAD51 homologue from the hyperthermophilic archaeon <i>Pyrococcus</i> sp. KOD1. 1997 , 25, 719-26	25

1880	Relatedness of <i>Pseudallescheria</i> , <i>Scedosporium</i> and <i>Graphium</i> pro parte based on SSU rDNA sequences. 1997 , 35, 389-398	31
1879	Phylogeographic Patterns in Populations of Cichlid Fishes from Rocky Habitats in Lake Tanganyika. 1997 , 97-111	18
1878	Biogeographic Analysis of Pacific Trout (<i>Oncorhynchus mykiss</i>) in California and Mexico Based on Mitochondrial DNA and Nuclear Microsatellites. 1997 , 53-73	23
1877	Multiple Sequence Alignment. 1997 , 165-183	3
1876	A Phylogenetic Revision of North American and Adriatic <i>Mosasauroidea</i> . 1997 , 293-332	85
1875	Presence of multiple non-B subtypes and divergent subtype B strains of HIV-1 in individuals infected after overseas deployment. 1997 , 11, 43-51	91
1874	Character displacement in some <i>Cnemidophorus</i> lizards revisited: a phylogenetic analysis. 1997 , 94, 9740-5	71
1873	The origin of red algae: implications for plastid evolution. 1997 , 94, 4520-5	285
1872	Molecular phylogeny of Archaea from soil. 1997 , 94, 277-82	278
1871	Evolutionary mechanisms and population dynamics of the third variable envelope region of HIV within single hosts. 1997 , 94, 1264-9	77
1870	Both apolipoprotein E and A-I genes are present in a nonmammalian vertebrate and are highly expressed during embryonic development. 1997 , 94, 8622-7	146
1869	Typing of urinary JC virus DNA offers a novel means of tracing human migrations. 1997 , 94, 9191-6	153
1868	Evolution of reproductive strategies and male sexual ornaments in poeciliid fishes as inferred by mitochondrial 16 rRNA gene phylogeny. 1997 , 9, 55-67	11
1867	Alu insertion polymorphisms and human evolution: evidence for a larger population size in Africa. 1997 , 7, 1061-71	270
1866	Physiological, Biochemical, and Molecular Characters for the Taxonomy of the Subgenera of <i>Scenedesmus</i> (Chlorococcales, Chlorophyta). 1997 , 110, 244-250	62
1865	Clonal selection of HIV type 1 variants associated with resistance to foscarnet in vitro: confirmation by molecular evolutionary analysis. 1997 , 13, 563-73	4
1864	Phylogenetic Placement of <i>Mimizuku gurneyi</i> (Aves: Strigidae) Inferred from Mitochondrial DNA. 1997 , 114, 315-323	11
1863	Phylogenetic positions and assignment of swine and ovine corynebacterial isolates based on the 16S rDNA sequence. 1997 , 41, 649-55	10

1862	Allozymic characterization and genetic relationships among four species of Tapetinae (Bivalvia, Veneridae). 1997 , 64, 117-124	12
1861	Evolutionary Relationships among the Potoos (Nyctibiidae) Based on Isozymes. 1997 , 129-145	9
1860	Lack of Genetic Divergence in a Genus (Pteroglossus) of Neotropical Birds: The Connection between Life-History Characteristics and Levels of Genetic Divergence. 1997 , 267-279	14
1859	An introduction to algal phylogeny and phylogenetic methods. 1997 , 1-11	6
1858	The evolution of the Green Algae. 1997 , 87-101	69
1857	Division Glaucocystophyta. 1997 , 139-148	21
1856	Small-subunit ribosomal RNA sequences from selected dinoflagellates: testing classical evolutionary hypotheses with molecular systematic methods. 1997 , 237-259	96
1855	Molecular evolution of snake toxins: is the functional diversity of snake toxins associated with a mechanism of accelerated evolution?. 1998 , 59, 307-64	156
1854	Phylogeny of the tissue cyst-forming coccidia. 1997 , 39, 69-139	48
1853	Caenorhabditis elegans has two isozymic forms, CE-1 and CE-2, of fructose-1,6-bisphosphate aldolase which are encoded by different genes. 1997 , 339, 226-34	13
1852	Neural tube is partially dorsalized by overexpression of HrPax-37: the ascidian homologue of Pax-3 and Pax-7. 1997 , 187, 240-52	105
1851	Cloning and some novel characteristics of mitochondrial Hsp70 from Chinese hamster cells. 1997 , 234, 205-16	48
1850	Chromosomal localization of the human P2y6 purinoceptor gene and phylogenetic analysis of the P2y purinoceptor family. 1997 , 44, 127-30	10
1849	Isolation, inoculation to insect host, and molecular phylogeny of an entomogenous fungus Paecilomyces tenuipes. 1997 , 70, 203-8	44
1848	Predicting the conformational class of short and medium size loops connecting regular secondary structures: application to comparative modelling. 1997 , 267, 352-67	72
1847	The three-dimensional structure at 2.4 Å resolution of glycosylated proteinase A from the lysosome-like vacuole of Saccharomyces cerevisiae. 1997 , 267, 899-915	33
1846	Investigating phylogenetic relationships within the Apicomplexa using sequence data: the search for homology. 1997 , 13, 81-8	42
1845	Phylogenetic relationships among Indriidae (Primates, Strepsirhini) inferred from highly repeated DNA band patterns. 1997 , 320, 469-75	9

1844	Relations phylogénétiques chez les marchantiales (Hepaticae). Incongruence apparente entre données morphologiques et moléculaires. 1997 , 320, 1013-1020	3
1843	Molecular systematics of pitvipers: paraphyly of the Bothrops complex. 1997 , 320, 95-101	14
1842	Alpha- and beta-subunits of a V-type membrane ATPase in a hyperthermophilic sulfur-dependent archaeum, <i>Thermococcus</i> sp. KI. 1997 , 1329, 12-7	0
1841	Autonomy of ascidian fork head/HNF-3 gene expression. 1997 , 69, 143-54	55
1840	The monophyly and rapid evolution of <i>Gentiana</i> sect. <i>Chondrophyllae</i> Bunge s.l. (Gentianaceae): evidence from the nucleotide sequences of the internal transcribed spacers of nuclear ribosomal DNA. 1997 , 123, 25-43	7
1839	Re: Congruence and phylogenetic reanalysis of perching bird cytochrome b sequences. 1997 , 7, 266-71	8
1838	Evaluation and comparison of different hepatitis C virus genotyping and serotyping assays. 1997 , 26, 1001-9	40
1837	Prevalence and clinical and histological manifestation of hepatitis G/GBV-C infections in patients with elevated aminotransferases of unknown etiology. 1997 , 27, 276-83	26
1836	Comparative sequence analysis and expression of the M6 gene, encoding the outer capsid protein VP5, of African horsesickness virus serotype nine. 1997 , 47, 41-9	6
1835	Genetic characterization of ruminant pestiviruses: sequence analysis of viral genotypes isolated from sheep. 1997 , 47, 19-29	32
1834	Genotype of GB virus C/hepatitis G virus by molecular evolutionary analysis. 1997 , 52, 221-30	15
1833	Study of needlestick accidents and hepatitis C virus infection in healthcare workers by molecular evolutionary analysis. 1997 , 35, 149-54	29
1832	Molecular classification of wild roses using organelle DNA probes. 1997 , 68, 191-196	15
1831	Chloroplast DNA probes as an aid in the molecular classification of <i>Malus</i> species. 1997 , 70, 81-86	8
1830	Genomic characterization of members of the Bet v 1 family: genes coding for allergens and pathogenesis-related proteins share intron positions. 1997 , 197, 91-100	95
1829	Evolution of plastid gene <i>rps2</i> in a lineage of hemiparasitic and holoparasitic plants: many losses of photosynthesis and complex patterns of rate variation. 1997 , 94, 7367-72	130
1828	Old World fruitbat phylogeny: evidence for convergent evolution and an endemic African clade. 1997 , 94, 5716-21	44
1827	Did homeodomain proteins duplicate before the origin of angiosperms, fungi, and metazoa?. 1997 , 94, 13749-53	77

1826	Phylogeny in Studies of Bird Ecology, Behavior, and Morphology. 1997 , 279-299	6
1825	Phylogeny and Evolution of 12S rDNA in Gruiformes (Aves). 1997 , 121-158	34
1824	Exon/intron structure of aldehyde dehydrogenase genes supports the "introns-late" theory. 1997 , 94, 6820-5	69
1823	Phylogenetic relationships between the Acantharea and the Polycystinea: a molecular perspective on Haeckel's Radiolaria. 1997 , 94, 11411-6	50
1822	Molecular evolution of two vertebrate aryl hydrocarbon (dioxin) receptors (AHR1 and AHR2) and the PAS family. 1997 , 94, 13743-8	239
1821	The Window of Taxonomic Resolution for Phylogenies Based on Mitochondrial Cytochrome b. 1997 , 83-119	64
1820	Combining Molecular and Morphological Data in Fish Systematics: Examples from the Cyprinodontiformes. 1997 , 163-188	6
1819	The Utility of Mitochondrial DNA Control Region Sequences for Analyzing Phylogenetic Relationships among Populations, Species, and Genera of the Percidae. 1997 , 129-143	24
1818	Molecular Phylogeny of the Fundulidae (Teleostei, Cyprinodontiformes) Based on the Cytochrome b Gene. 1997 , 189-197	6
1817	Interrelationships of Lamniform Sharks: Testing Phylogenetic Hypotheses with Sequence Data. 1997 , 199-218	35
1816	Radiation of Characiform Fishes: Evidence from Mitochondrial and Nuclear DNA Sequences. 1997 , 219-243	14
1815	The Phylogenetic Utility of the Mitochondrial Cytochrome b Gene for Inferring Relationships among Actinopterygian Fishes. 1997 , 285-303	37
1814	Biogeographic area relationships in southern New Zealand: a cladistic analysis of Lepidoptera distributions. 1997 , 24, 89-99	7
1813	Phylogenetic relationships of the Culicomorpha inferred from 18S and 5.8S ribosomal DNA sequences. (Diptera:Nematocera). 1997 , 6, 105-14	67
1812	RST Calc: a collection of computer programs for calculating estimates of genetic differentiation from microsatellite data and determining their significance. 1997 , 6, 881-885	362
1811	Ribosomal RNA analysis indicates a benthic pennate diatom ancestry for the endosymbionts of the dinoflagellates <i>Peridinium foliaceum</i> and <i>Peridinium balticum</i> (Pyrrhophyta). 1997 , 44, 314-20	125
1810	Phylogeny of the rumen ciliates <i>Entodinium</i> , <i>Epidinium</i> and <i>Polyplastron</i> (Litostomatea:Entodiniomorphida) inferred from small subunit ribosomal RNA sequences. 1997 , 44, 61-7	93
1809	Identification of synapomorphic characters in the genus <i>Sarcocystis</i> based on 18S rDNA sequence comparison. 1997 , 44, 388-92	27

1808	Distribution, diversity and evolution of the bacterial mercury resistance (mer) operon. 1997 , 19, 239-62	219
1807	Phylogenetic characterization of bacteria in the subsurface microbial culture collection. 1997 , 20, 201-16	65
1806	Neotropical schistosomiasis: African affinities of the host snail <i>Biomphalaria glabrata</i> (Gastropoda: Planorbidae). 1997 , 60, 505-516	4
1805	Phylogeography of the bushmaster (<i>Lachesis muta</i> : Viperidae): implications for neotropical biogeography, systematics, and conservation. 1997 , 62, 421-442	154
1804	Molecular phylogenetics and historical biogeography of east African chimpanzees. 1997 , 61, 301-324	24
1803	Molecular data reveal convergence in fruit characters used in the classification of <i>Thlaspi</i> s. l. (Brassicaceae). 1997 , 125, 183-199	10
1802	Probabilism and Phylogenetic Inference.. 1997 , 13, 313-336	80
1801	Pareiasaur phylogeny and the origin of turtles. 1997 , 120, 197-280	108
1800	Toward the phylogeny of caucasian rock lizards: implications from mitochondrial DNA gene sequences (Reptilia: Lacertidae). 1997 , 120, 463-477	32
1799	A phylogenetic analysis of basal Anseriformes, the fossil <i>Presbyornis</i> , and the interordinal relationships of waterfowl. 1997 , 121, 361-428	70
1798	Molecular phylogenetics and the evolution of antarctic notothenioid fishes. 1997 , 118, 1009-25	50
1797	Sequence heterogeneity of the ribosomal RNA intergenic region <i>Alexandrium</i> species. 1997 , 25, 231-239	12
1796	Ribosomal internal transcribed spacer size variation correlated with RAPD-PCR pattern polymorphisms in the entomopathogenic fungus <i>Erynia neoaphidis</i> and some closely related species. 1997 , 101, 573-579	33
1795	Phylogenetic relationships within the Cantharellaceae inferred from sequence analysis of the nuclear large subunit rDNA. 1997 , 101, 1423-1430	27
1794	Characterization of border species among Pythiaceae: several <i>Pythium</i> isolates produce elicitors, typical proteins from <i>Phytophthora</i> spp.. 1997 , 101, 1459-1468	69
1793	Cloning and characterization of the genes involved in the degradation of dibenzofuran by <i>Terrabacter</i> sp. strain DBF63. 1997 , 84, 387-399	50
1792	Monophyly of the Trichostome ciliates (Phylum ciliophora: Class litostomatea) tested using new 18S rRNA sequences from the Vestibuliferids, <i>Isotricha intestinalis</i> and <i>Dasytricha ruminantium</i> , and the Haptorian, <i>Didinium nasutum</i> . 1997 , 33, 305-315	41
1791	Planktic foraminiferal molecular evolution and their polyphyletic origins from benthic taxa. 1997 , 30, 251-266	93

1790	EHDV-1, a new Australian serotype of epizootic haemorrhagic disease virus isolated from sentinel cattle in the Northern Territory. 1997 , 58, 135-43	16
1789	<i>Amycolatopsis japonicum</i> sp. nov., an Actinomycete Producing (S,S)-N,N'-Ethylenediaminedisuccinic Acid. 1997 , 20, 78-84	37
1788	Outer Membrane Protein A Gene Sequencing Demonstrates the Polyphyletic Nature of Koala <i>Chlamydia pecorum</i> Isolates. 1997 , 20, 187-200	28
1787	Ribosomal DNA Sequence Comparison of <i>Leptographium lundbergii</i> and <i>L. truncatum</i> and neotypification of <i>L. lundbergii</i> . 1997 , 20, 295-300	15
1786	Phylogenetic study of the genus <i>Plasmodium</i> based on the secondary structure-based alignment of the small subunit ribosomal RNA. 1997 , 90, 317-21	31
1785	<i>Leishmania major</i> : molecular cloning, sequencing, and expression of the heat shock protein 60 gene reveals unique carboxy terminal peptide sequences. 1997 , 85, 249-63	36
1784	Close phylogenetic relationship between egg drop syndrome virus, bovine adenovirus serotype 7, and ovine adenovirus strain 287. 1997 , 229, 302-8	48
1783	Origins of dengue type 2 viruses associated with increased pathogenicity in the Americas. 1997 , 230, 244-51	458
1782	Growth of lion and puma lentiviruses in domestic cat cells and comparisons with FIV. 1997 , 233, 185-92	36
1781	The molecular epidemiology of human immunodeficiency virus type 1 in six cities in Britain and Ireland. 1997 , 235, 166-77	33
1780	Persistence and evolution of feline coronavirus in a closed cat-breeding colony. 1997 , 234, 349-63	104
1779	North American and French caprine arthritis-encephalitis viruses emerge from ovine maedi-visna viruses. 1997 , 237, 307-18	56
1778	Phylogenetic relationships of the hyphomycete genera <i>Chaetopsina</i> and <i>Kionochaeta</i> based on 18S rDNA sequences. 1997 , 38, 409-420	17
1777	Evolutionary relationships of members of the genera <i>Taphrina</i> , <i>Protomyces</i> , <i>Schizosaccharomyces</i> , and related taxa within the archiascomycetes: Integrated analysis of genotypic and phenotypic characters. 1997 , 38, 267-280	37
1776	A synopsis of the genus <i>Scleromitrla</i> (= <i>Verpatinia</i>) (Ascomycotina: Helotiales: Sclerotiniaceae). 1997 , 38, 55-69	15
1775	Molecular phylogeny of <i>Nothofagus</i> (Nothofagaceae) based on the atpB-rbcL intergenic spacer of the chloroplast DNA. 1997 , 110, 469-484	49
1774	Morphological, physiological and molecular genetic characterization of <i>Arabidopsis himalaica</i> , with reference to <i>A. thaliana</i> . 1997 , 110, 15-23	9
1773	Phylogeny of the family hydrocharitaceae inferred from rbcL and matK gene sequence data. 1997 , 110, 329-337	35

1772	ITS sequences and speciation on far eastern Indigofera (Leguminosae). 1997 , 110, 339-346	12
1771	Of worms and men: an evolutionary perspective on the fibroblast growth factor (FGF) and FGF receptor families. 1997 , 44, 43-56	157
1770	Contribution of mutation and RNA recombination to the evolution of a plant pathogenic RNA. 1997 , 44, 81-8	46
1769	Genetic characterization of populations of a de novo arisen sugar beet pest, <i>Aubeonymus mariaefranciscae</i> (Coleoptera, Curculionidae), by RAPD analysis. 1997 , 45, 24-31	15
1768	Complete large subunit ribosomal RNA sequences from the heterokont algae <i>Ochromonas danica</i> , <i>Nannochloropsis salina</i> , and <i>Tribonema aequale</i> , and phylogenetic analysis. 1997 , 45, 84-90	20
1767	An estimate of divergence time of Parazoa and Eumetazoa and that of Cephalochordata and Vertebrata by aldolase and triose phosphate isomerase clocks. 1997 , 45, 97-106	73
1766	Use of a deviant mitochondrial genetic code in yellow-green algae as a landmark for segregating members within the phylum. 1997 , 45, 119-24	21
1765	The sequences of heat shock protein 40 (DnaJ) homologs provide evidence for a close evolutionary relationship between the <i>Deinococcus-thermus</i> group and cyanobacteria. 1997 , 45, 193-205	31
1764	Molecular origins and evolution of immunoglobulin heavy-chain genes of jawed vertebrates. 1997 , 18, 543-9	45
1763	Graphs in sequence spaces: a review of statistical geometry. 1997 , 66, 111-31	13
1762	Polyphyly of Celastrales deduced from a chloroplast noncoding DNA region. 1997 , 7, 145-57	36
1761	alpha-Crystallin sequences support a galliform/anseriform clade. 1997 , 7, 185-8	29
1760	Mitochondrial DNA sequencing reveals extreme genetic differentiation in a cryptic species complex of neotropical pseudoscorpions. 1997 , 7, 208-16	67
1759	Evolutionary affinities of the order Perissodactyla and the phylogenetic status of the superordinal taxa Ungulata and Altungulata. 1997 , 7, 195-200	28
1758	Phylogeny of the side-blotched lizards (Phrynosomatidae: <i>Uta</i>) based on mtDNA sequences: support for midpeninsular seaway in Baja California. 1997 , 8, 104-13	103
1757	Phylogenetic relationships of the liverworts (Hepaticae), a basal embryophyte lineage, inferred from nucleotide sequence data of the chloroplast gene <i>rbcL</i> . 1997 , 7, 377-93	165
1756	Phylogeny and evolution of the Sulidae (Aves: Pelecaniformes): a test of alternative modes of speciation. 1997 , 7, 252-60	75
1755	Taxonomic status and phylogenetic relationships of some species of the genus <i>Gammarus</i> (Crustacea, Amphipoda) deduced from mitochondrial DNA sequences. 1997 , 8, 1-10	73

1754	A molecular phylogeny of the Aphidiinae (Hymenoptera: Braconidae). 1997 , 7, 281-93	182
1753	Cladistic analysis of Tospovirus using molecular characters. 1997 , 8, 11-32	6
1752	Molecular systematics of Middle American cichlid fishes and the evolution of trophic-types in 'Cichlasoma (Amphilophus)' and 'C. (Thorichthys)'. 1997 , 7, 366-76	35
1751	Consistency, characters, and the likelihood of correct phylogenetic inference. 1997 , 7, 320-30	76
1750	The phylogeny of the Caelifera (Insecta, Orthoptera) as deduced from mtrRNA gene sequences. 1997 , 8, 89-103	98
1749	Phylogeny of Poaceae subfamily Pooideae based on chloroplast ndhF gene sequences. 1997 , 8, 150-66	178
1748	A multigene assessment of phylogenetic relationships within the dasyurid marsupial subfamily Sminthopsinae. 1997 , 8, 236-48	52
1747	Molecular systematics of tanagers (Thraupinae): evolution and biogeography of a diverse radiation of neotropical birds. 1997 , 8, 334-48	95
1746	Phylogeny of the avian family Ciconiidae (storks) based on cytochrome b sequences and DNA-DNA hybridization distances. 1997 , 8, 275-300	38
1745	Inferring species trees from gene trees: a phylogenetic analysis of the Elapidae (Serpentes) based on the amino acid sequences of venom proteins. 1997 , 8, 349-62	110
1744	Phylogenetic analysis of the Arenaviridae: patterns of virus evolution and evidence for cospeciation between arenaviruses and their rodent hosts. 1997 , 8, 301-16	171
1743	The potential of Betv1 homologues, a nuclear multigene family, as phylogenetic markers in flowering plants. 1997 , 8, 317-33	67
1742	Oncorhynchus at the southern extent of their range: a study of mtDNA control region sequence with special reference to an undescribed subspecies of O. mykiss from Mexico. 1998 , 51, 7-23	24
1741	A multigene phylogeny of the Gelidiales including nuclear large-subunit rRNA sequence data. 1998 , 10, 229-236	29
1740	From Quartets to Phylogenetic Trees. 1998 , 36-53	4
1739	Isolation and characterisation of a novel sulphate-reducing bacterium of the Desulfovibrio genus. 1998 , 4, 117-30	39
1738	Phylogenetic analysis of rumen bacteria by comparative sequence analysis of cloned 16S rRNA genes. 1998 , 4, 153-63	209
1737	Different behavior of two Trypanosoma cruzi major clones: transmission and circulation in young Bolivian patients. 1998 , 89, 285-95	82

1736	Various types of HIV mixed infections in Cameroon. 1998 , 245, 1-10	89
1735	Full genome sequences of human immunodeficiency virus type 1 subtypes G and A/G intersubtype recombinants. 1998 , 247, 22-31	198
1734	Two new human T-lymphotropic virus type I phylogenetic subtypes in seroindeterminates, a Mbuti pygmy and a Gabonese, have closest relatives among African STLV-I strains. 1998 , 246, 277-87	70
1733	Phylogeographic patterns of feline immunodeficiency virus genetic diversity in the domestic cat. 1998 , 251, 234-43	42
1732	Phylogenetic analysis of Japanese Armillaria based on the intergenic spacer (IGS) sequences of their ribosomal DNA. 1998 , 28, 11-19	28
1731	Embryonic globins of the marsupial the Tammar Wallaby (<i>Macropus eugenii</i>): bird like and mammal like. 1998 , 25, 740-4	7
1730	Actin gene sequence from <i>Euglena gracilis</i> . 1998 , 45, 661-7	3
1729	Phylogenetic identification of the symbiotic hypermastigote <i>Trichonympha agilis</i> in the hindgut of the termite <i>Reticulitermes speratus</i> based on small-subunit rRNA sequence. 1998 , 45, 439-44	51
1728	Structure of the large subunit rDNA from a diatom, and comparison between small and large subunit ribosomal RNA for studying stramenopile evolution. 1998 , 45, 521-7	15
1727	Eubacterial sigma-factors. 1998 , 22, 127-50	212
1726	Phylogenetics and evolution of a circumarctic species complex (Cladocera: <i>Daphnia pulex</i>). 1998 , 65, 347-365	69
1725	Molecular phylogeny of elapid snakes and a consideration of their biogeographic history. 1998 , 63, 177-203	92
1724	Supraspecific taxa as terminals in cladistic analysis: implicit assumptions of monophyly and a comparison of methods. 1998 , 64, 101-133	51
1723	Pacific Coast <i>Iris</i> species delimitation using three species definitions: biological, phylogenetic and genealogical. 1998 , 63, 99-120	2
1722	The phylogeny and biogeography of <i>Thamnochortus</i> (Restionaceae). 1998 , 128, 319-357	23
1721	The DNA revolution in population genetics. 1998 , 14, 60-5	133
1720	Molecular cloning and characterization of the genes encoding two isoforms of cysteine synthase in the enteric protozoan parasite <i>Entamoeba histolytica</i> . 1998 , 97, 33-44	82
1719	An evolutionary conserved group of plant GSK-3/shaggy-like protein kinase genes preferentially expressed in developing pollen. 1998 , 1442, 261-73	31

1718	Cloning and bacterial expression of adenosine-5'-triphosphate sulfurylase from the enteric protozoan parasite <i>Entamoeba histolytica</i> . 1998 , 1429, 284-91	11
1717	Cloning, expression and nucleotide sequence of the l-2,3-butanediol dehydrogenase gene from <i>Brevibacterium saccharolyticum</i> C-1012. 1998 , 86, 290-295	25
1716	Sequence comparisons link toxic European isolates of <i>Alexandrium tamarense</i> from the Orkney Islands to toxic North American stocks. 1998 , 34, 329-335	55
1715	Phylogeny of the Hamamelidaceae based on the ITS sequences of nuclear ribosomal DNA. 1998 , 26, 55-69	36
1714	Phylogenetic relationships in Mediterranean and North Atlantic shearwaters (Aves: Procellariidae) based on nucleotide sequences of mtDNA. 1998 , 26, 145-170	38
1713	Heterogeneity of SSU and LSU rDNA sequences of <i>Alexandrium</i> species. 1998 , 26, 495-509	23
1712	Pheromone evolution within the genera <i>Ctenopseustis</i> and <i>Planotortrix</i> (Lepidoptera: Tortricidae) inferred from a phylogeny based on cytochrome oxidase I gene variation. 1998 , 26, 473-484	27
1711	Microbial production of 2-hydroxynicotinic acid from nicotinic acid by intact cells of MCI3289. 1998 , 4, 199-204	7
1710	Phylogeny of the Eustigmatophyceae Based upon 18S rDNA, with Emphasis on <i>Nannochloropsis</i> . 1998 , 149, 61-74	87
1709	Phaeothamniophyceae Classis Nova: A New Lineage of Chromophytes Based upon Photosynthetic Pigments, rbcL Sequence Analysis and Ultrastructure. 1998 , 149, 245-63	61
1708	Phylogenetic Relationships among the Cryptophyta: Analyses of Nuclear-Encoded SSU rRNA Sequences Support the Monophyly of Extant Plastid-Containing Lineages. 1998 , 149, 265-76	99
1707	Bacteria of the Genus <i>Roseobacter</i> Associated with the Toxic Dinoflagellate <i>Prorocentrum lima</i> . 1998 , 149, 347-57	43
1706	The Basal Position of Scaly Green Flagellates among the Green Algae (Chlorophyta) is Revealed by Analyses of Nuclear-Encoded SSU rRNA Sequences. 1998 , 149, 367-80	128
1705	Phylogenetic analysis of ambrosial species in the genus <i>Raffaelea</i> based on 18S rDNA sequences. 1998 , 102, 661-665	44
1704	Phylogenetic studies of the Leptosphaeriaceae, Pleosporaceae and some other Loculoascomycetes based on nuclear ribosomal DNA sequences. 1998 , 102, 151-156	33
1703	Molecular characterization of <i>Myriogenospora atramentosa</i> and its occurrence on some new hosts. 1998 , 102, 483-490	8
1702	Partial ribosomal DNA sequences show an important divergence between <i>Phaeoacremonium</i> species isolated from <i>Vitis vinifera</i> . 1998 , 102, 631-637	28
1701	Comparisons of twenty isolates of the entomopathogen <i>Paecilomyces farinosus</i> by analysis of RAPD markers. 1998 , 102, 1254-1258	14

1700	Multiple sequence alignment with Clustal X. 1998 , 23, 403-5	2255
1699	Serological and genetic characterisation of bovine respiratory syncytial virus (BRSV) indicates that Danish isolates belong to the intermediate subgroup: no evidence of a selective effect on the variability of G protein nucleotide sequence by prior cell culture adaption and passages in cell culture of calves. 1998 , 62, 265-79	26
1698	A qualitative evaluation of the published oligonucleotides specific for the 16S rRNA gene sequences of the ammonia-oxidizing bacteria. 1998 , 21, 72-88	50
1697	Psychrotolerant sulfate-reducing bacteria from an oxic freshwater sediment, description of <i>Desulfovibrio cuneatus</i> sp. nov. and <i>Desulfovibrio litoralis</i> sp. nov. 1998 , 21, 212-9	63
1696	Adenylosuccinate synthetase genes: molecular cloning and phylogenetic analysis of a highly conserved archaeal gene. 1998 , 21, 478-86	3
1695	Phylogenetic relationships between prostome and colpodean ciliates tested by small subunit rRNA sequences. 1998 , 9, 48-54	31
1694	Phylogenetics of social behavior in Australian gall-forming thrips: evidence from mitochondrial DNA sequence, adult morphology and behavior, and gall morphology. 1998 , 9, 163-80	61
1693	Phylogenetic analysis of chloroplast DNA variation in <i>Coffea</i> L. 1998 , 9, 109-17	103
1692	Toward the phylogeny of the family Lacertidae: implications from mitochondrial DNA 12S and 16S gene sequences (Reptilia: Squamata). 1998 , 9, 118-30	54
1691	Rapid speciation, morphological evolution, and adaptation to extreme environments in South African sand lizards (<i>Meroles</i>) as revealed by mitochondrial gene sequences. 1998 , 10, 37-48	43
1690	Molecular evolution of the internal transcribed spacers (ITS1 and ITS2) and phylogenetic relationships among species of the family Cucurbitaceae. 1998 , 9, 204-19	107
1689	Francolin phylogenetics: molecular, morphobehavioral, and combined evidence. 1998 , 9, 236-54	47
1688	Phylogenetic relationships of terrestrial Australo-Papuan elapid snakes (subfamily Hydrophiinae) based on cytochrome b and 16S rRNA sequences. 1998 , 10, 67-81	84
1687	Biogeographic origins of goannas (<i>Varanidae</i>): a molecular perspective. 1998 , 9, 294-307	68
1686	A molecular perspective on the systematics and evolution of the genus <i>Arvicanthus</i> (Rodentia, Muridae): inferences from complete cytochrome b gene sequences. 1998 , 10, 104-17	61
1685	Molecular phylogeny and evolution of the deep-sea fish genus <i>Sternoptyx</i> . 1998 , 10, 11-22	32
1684	Mitochondrial phylogeny of the European cyprinids: implications for their systematics, reticulate evolution, and colonization time. 1998 , 10, 132-43	85
1683	Comparing molecular evolution in two mitochondrial protein coding genes (cytochrome b and ND2) in the dabbling ducks (Tribe: Anatini). 1998 , 10, 82-94	192

1682	Patterns of evolutionary change in Baikalian gammarids inferred from DNA sequences (Crustacea, Amphipoda). 1998 , 10, 160-7	40
1681	Molecular phylogeny and evolutionary divergence of North American biological species of <i>Armillaria</i> . 1998 , 10, 49-66	32
1680	Mitochondrial phylogeny of the genus <i>Regulus</i> and implications on the evolution of breeding behavior in sylvioid songbirds. 1998 , 10, 144-9	22
1679	Two nuclear genes yield concordant relationships within Attacini (Lepidoptera: Saturniidae). 1998 , 9, 131-40	45
1678	Biogeography of Sulawesi shrews: testing for their origin with a parametric bootstrap on molecular data. 1998 , 9, 567-71	52
1677	What is a Suiforme (Artiodactyla)? Contribution of cranioskeletal and mitochondrial DNA data. 1998 , 9, 528-32	15
1676	Phylogeny of the Carnivora (Mammalia): congruence vs incompatibility among multiple data sets. 1998 , 9, 414-26	171
1675	Molecular evidence for parallel evolution of adaptive syndromes in fig-breeding Lissocephala (Drosophilidae). 1998 , 9, 542-51	73
1674	Weighting and congruence: a case study based on three mitochondrial genes in pitvipers. 1998 , 9, 366-74	34
1673	Highly congruent molecular support for a diverse superordinal clade of endemic African mammals. 1998 , 9, 501-8	93
1672	Molecular phylogenetics at the Felsenstein zone: approaching the Strepsiptera problem using 5.8S and 28S rDNA sequences. 1998 , 9, 470-80	50
1671	Higher taxonomic relationships among extant mammals based on morphology, with selected comparisons of results from molecular data. 1998 , 9, 572-84	177
1670	The eastern Asian and eastern and western North American floristic disjunction: congruent phylogenetic patterns in seven diverse genera. 1998 , 10, 178-90	155
1669	Molecular phylogenetics of the avian genus <i>Pipilo</i> and a biogeographic argument for taxonomic uncertainty. 1998 , 10, 191-201	42
1668	Tandemly repeated sequences in the mitochondrial DNA control region and phylogeography of the Pike-Perches <i>Stizostedion</i> . 1998 , 10, 310-22	63
1667	The phylogenetic relationships of lampridiform fishes (Teleostei: acanthomorpha), based on a total-evidence analysis of morphological and molecular data. 1998 , 10, 417-25	31
1666	Phylogenetic relationships among the microgastroid wasps (Hymenoptera: braconidae): combined analysis of 16S and 28S rDNA genes and morphological data. 1998 , 10, 354-66	71
1665	Phylogenetic relationships of Central European wolf spiders (Araneae: lycosidae) inferred from 12S ribosomal DNA sequences. 1998 , 10, 391-8	18

1664	Evolution of the gibbon subgenera inferred from cytochrome b DNA sequence data. 1998 , 10, 281-6	30
1663	Molecular phylogenetics of finches and sparrows: consequences of character state removal in cytochrome b sequences. 1998 , 10, 377-90	69
1662	Molecular tests of phylogenetic taxonomies: a general procedure and example using four subfamilies of the lizard family Iguanidae. 1998 , 10, 367-76	82
1661	The origin of red algae and cryptomonad nucleomorphs: A comparative phylogeny based on small and large subunit rRNA sequences of <i>Palmaria palmata</i> , <i>Gracilaria verrucosa</i> , and the <i>Guillardia theta</i> nucleomorph. 1998 , 10, 333-42	20
1660	Large-subunit ribosomal RNA systematics of symbiotic dinoflagellates: morphology does not recapitulate phylogeny. 1998 , 10, 436-48	65
1659	Quantification of the initial decline of serum hepatitis C virus RNA and response to interferon alfa. 1998 , 27, 1149-56	130
1658	Phylogenetic relationships of <i>Pelvetia</i> and <i>Pelvetiopsis</i> (Phaeophyceae) based on small subunit ribosomal DNA sequences. 1998 , 41, 103-109	6
1657	Phylogenetic analysis and predicted secondary structures of the rDNA internal transcribed spacers of the powdery mildew fungi (Erysiphaceae). 1998 , 39, 441-453	68
1656	Relatedness, phylogeny, and evolution of the fungi. 1998 , 39, 487-511	64
1655	Molecular phylogenetic study of the basidiomycetous anamorphic yeast genus <i>Trichosporon</i> and related taxa based on small subunit ribosomal DNA sequences. 1998 , 39, 7-13	40
1654	Variation in the <i>rbcL</i> sequence of <i>Stegnogramma pozoi</i> subsp. <i>mollissima</i> (Thelypteridaceae) in Japan. 1998 , 111, 557-564	18
1653	Intragenetic relationships of maple trees based on the chloroplast DNA restriction fragment length polymorphisms. 1998 , 111, 441-451	30
1652	Phylogenetic relationships of Japanese <i>Aster</i> (Asteraceae, Astereae) sensu lato based on chloroplast-DNA restriction site mutations. 1998 , 111, 217-223	11
1651	Phylogenetics and character evolution in the grass family (Poaceae): Simultaneous analysis of morphological and Chloroplast DNA restriction site character sets. 1998 , 64, 1-85	128
1650	Estimation of genetic variation and relationship in potato (<i>Solanum Tuberosum</i> L.) cultivars using AFLP markers. 1998 , 75, 107-112	27
1649	Molecular systematics of <i>Cardamine</i> and allied genera (Brassicaceae): Its and non-coding chloroplast DNA. 1998 , 33, 225-240	57
1648	Evidence for horizontal transfer from <i>Streptococcus</i> to <i>Escherichia coli</i> of the <i>kfiD</i> gene encoding the K5-specific UDP-glucose dehydrogenase. 1998 , 46, 432-6	17
1647	Novel human papillomavirus (HPV) DNA sequences from recurrent cutaneous and mucosal lesions of a stoma-carrier. 1998 , 111, 164-8	20

1646	Phylogenetic position of symbiotic protist <i>Dinenympha</i> [correction of <i>Dinemympha</i>] <i>exilis</i> in the hindgut of the termite <i>Reticulitermes speratus</i> inferred from the protein phylogeny of elongation factor 1 alpha. 1998 , 210, 221-7	43
1645	Genetic analyses of the green visual pigments of rabbit (<i>Oryctolagus cuniculus</i>) and rat (<i>Rattus norvegicus</i>). 1998 , 218, 103-9	32
1644	Molecular analysis of the split <i>cox1</i> gene from the Basidiomycota <i>Agrocybe aegerita</i> : relationship of its introns with homologous Ascomycota introns and divergence levels from common ancestral copies. 1998 , 220, 45-53	28
1643	Genetic characterization of canine distemper virus in Serengeti carnivores. 1998 , 65, 259-66	84
1642	Molecular variation in the nucleoprotein gene (ORF7) of the porcine reproductive and respiratory syndrome virus (PRRSV). 1998 , 54, 9-21	33
1641	Phylogenetic analysis of the S10 gene of field and laboratory strains of bluetongue virus from the United States. 1998 , 55, 15-27	42
1640	Phylogenetic analyses of the genus <i>Rosa</i> using the <i>matK</i> sequence: molecular evidence for the narrow genetic background of modern roses. 1998 , 77, 73-82	36
1639	Amino acid sequence of a Ca(2+)-transporting ATPase from the sarcoplasmic reticulum of the cross-striated part of the adductor muscle of the deep sea scallop: comparison to <i>serca</i> enzymes of other animals. 1998 , 120, 359-74	11
1638	Phylogenetic relationships in <i>Orchis</i> and some related genera: an approach using chloroplast DNA. 1998 , 18, 79-87	14
1637	An approximation to the phylogeny of <i>Sclerotinia</i> and related genera. 1998 , 18, 705-719	53
1636	Complete sequence, expression, and evolution of the hexamerin LSP-2 of <i>Calliphora vicina</i> . 1998 , 28, 11-22	7
1635	Molecular phylogeny of fig wasps Agaonidae are not monophyletic. 1998 , 321, 517-26	53
1634	[Molecular systematics of Phlebotominae: a pilot study. Paraphyly of the genus <i>Phlebotomus</i>]. 1998 , 321, 849-55	27
1633	The importance of global parsimony and historical bias in understanding tetrapod evolution. Part I. Systematics, middle ear evolution and jaw suspension. 1998 , 19, 1-42	42
1632	Conservation phylogenetics of Ozark crayfishes: Assigning priorities for aquatic habitat protection. 1998 , 84, 107-117	37
1631	Association between intraepithelial <i>Escherichia coli</i> and colorectal cancer. 1998 , 115, 281-6	209
1630	Genetic epidemiology of parasitic protozoa and other infectious agents: the need for an integrated approach. 1998 , 28, 85-104	163
1629	Evolution of the protists and protistan parasites from the perspective of molecular systematics. 1998 , 28, 11-20	183

1628	Novel pattern of Brachyury gene expression in hemichordate embryos. 1998 , 75, 139-43	91
1627	Characterization of platyhelminth POU domain genes: ubiquitous and specific anterior nerve cell expression of different epitopes of GtPOU-1. 1998 , 76, 127-40	9
1626	Genetic evidence for the proto-Austronesian homeland in Asia: mtDNA and nuclear DNA variation in Taiwanese aboriginal tribes. 1998 , 63, 1807-23	89
1625	A novel glycoprotein 120 sequence from an HIV type 1 isolate of the A clade identified in North Uganda. 1998 , 14, 1287-9	16
1624	Taxonomic and phylogenetic problems in Old World eucerine bees, with special reference to the genus <i>Tarsalia</i> Morawitz, 1895 (Hymenoptera: Apoidea: Anthophoridae). 1998 , 32, 823-860	10
1623	Revision and phylogeny of <i>Megarthrurus</i> Curtis 1829 from New Guinea, New Caledonia and Fiji (Coleoptera Staphylinidae Proteininae). 1998 , 11, 103-137	4
1622	Phylogenetic relationships of species of <i>Gingidia</i> and related genera (Apiaceae, subfamily Apioideae). 1998 , 36, 417-424	22
1621	Molecular epidemiology of an HIV-1 subtype A subcluster among injection drug users in the Southern Ukraine. 1998 , 14, 1079-85	52
1620	Evolution and biogeography of the Hebe complex (Scrophulariaceae) inferred from ITS sequences. 1998 , 36, 425-437	104
1619	Systematic Relationships among the Emberizid Sparrows. 1998 , 115, 412-424	36
1618	Cytochrome-B Evidence for Validity and Phylogenetic Relationships Of <i>Pseudobulweria</i> and <i>Bulweria</i> (Procellariidae). 1998 , 115, 188-195	20
1617	Molecular Systematics of the Scaled Quail Complex (Genus <i>Callipepla</i>). 1998 , 115, 394-403	30
1616	Molecular Phylogenetics of the Genus <i>Piranga</i> : Implications for Biogeography and the Evolution of Morphology and Behavior. 1998 , 115, 621-634	52
1615	Assessing Congruence: Empirical Examples from Molecular Data. 1998 , 297-348	56
1614	Phylogeny of the genus <i>trichoderma</i> based on sequence analysis of the internal transcribed spacer region 1 of the rDNA cluster. 1998 , 24, 298-309	107
1613	Sequence of the Octopus dofleini hemocyanin subunit: structural and evolutionary implications. 1998 , 278, 827-42	92
1612	Identification of putative sequence specific PCR primers for detection of the toxigenic fungal species <i>Stachybotrys chartarum</i> . 1998 , 12, 387-96	46
1611	Cloning and characterization of the mouse and rat type II arginase genes. 1998 , 63, 168-75	33

1610	Crustacean phylogeny inferred from 18S rDNA. 1998 , 169-187	36
1609	PRINCIPLES OF PHYLOGEOGRAPHY AS ILLUSTRATED BY FRESHWATER AND TERRESTRIAL TURTLES IN THE SOUTHEASTERN UNITED STATES. 1998 , 29, 23-58	136
1608	Phylogenetic Relationships among the Trogons. 1998 , 115, 937-954	37
1607	Phylogenetic Patterns in the Trochilidae. 1998 , 115, 105-118	14
1606	Sorbitol dehydrogenase of Drosophila. Gene, protein, and expression data show a two-gene system. 1998 , 273, 34293-301	15
1605	Does archosaur phylogeny hinge on the ankle joint?. 1998 , 18, 558-562	10
1604	Sexual transmission of an HIV-1 variant resistant to multiple reverse-transcriptase and protease inhibitors. 1998 , 339, 307-11	399
1603	Models of molecular evolution and phylogeny. 1998 , 8, 1233-44	215
1602	Constructing phylogenies from quartets: elucidation of eutherian superordinal relationships. 1998 , 5, 377-90	29
1601	Failure to quantify viral load with two of the three commercial methods in a pregnant woman harboring an HIV type 1 subtype G strain. 1998 , 14, 453-9	59
1600	Genetic and serologic characterization of HIV type 1 prevailing in Myanmar (Burma). 1998 , 14, 1379-85	43
1599	Genetic subtypes of HIV type 1 and HIV type 2 strains in commercial sex workers from Bamako, Mali. 1998 , 14, 51-8	97
1598	Complete mitochondrial genome suggests diapsid affinities of turtles. 1998 , 95, 14226-31	172
1597	The Chinese human genome diversity project. 1998 , 95, 11501-3	62
1596	Molecular cloning, overexpression, and characterization of steroid-inducible 3alpha-hydroxysteroid dehydrogenase/carbonyl reductase from Comamonas testosteroni. A novel member of the short-chain dehydrogenase/reductase superfamily. 1998 , 273, 30888-96	72
1595	The optimization principle in phylogenetic analysis tends to give incorrect topologies when the number of nucleotides or amino acids used is small. 1998 , 95, 12390-7	112
1594	Characterization of a single group I intron in the 18S rRNA gene of the pathogenic fungus <i>Histoplasma capsulatum</i> . 1998 , 36, 205-212	7
1593	Diversity of the human immunodeficiency virus type 1 envelope glycoprotein in San Francisco Men's Health Study participants. 1998 , 14, 329-37	23

1592	Genetic variation in the PRRS virus. 1998 , 440, 787-94	32
1591	Molecular evidence for an African origin of the Hawaiian endemic <i>Hesperomannia</i> (Asteraceae). 1998 , 95, 15440-5	70
1590	The mini-hemoglobins in neural and body wall tissue of the nemertean worm, <i>Cerebratulus lacteus</i> . 1998 , 273, 16998-7011	41
1589	A cladistic analysis of <i>ndhF</i> sequences from representative species of <i>Saintpaulia</i> and <i>Streptocarpus</i> subgenera <i>Streptocarpus</i> and <i>Streptocarpella</i> (Gesneriaceae). 1998 , 55, 1	11
1588	Second gene for gonadotropin-releasing hormone in humans. 1998 , 95, 305-9	335
1587	Current insights into the "antiphospholipid" syndrome: clinical, immunological, and molecular aspects. 1998 , 70, 507-63	63
1586	A Polymerase Chain Reaction-Restriction Fragment Length Polymorphism (PCR-RFLP) Assay for the Discrimination of Mitochondrial DNA from the Florida and Northern Subspecies of Largemouth Bass. 1998 , 127, 507-511	6
1585	Evolutionary analyses of the 12-kDa acidic ribosomal P-proteins reveal a distinct protein of higher plant ribosomes. 1998 , 95, 2378-83	54
1584	Phylogenetic analysis of the <i>nef</i> gene reveals a distinctive monophyletic clade in Korean HIV-1 cases. 1998 , 17, 58-68	27
1583	Antarctic fish hemoglobins: evidence for adaptive evolution at subzero temperature. 1998 , 95, 8670-5	49
1582	The evolution of primate malaria parasites based on the gene encoding cytochrome b from the linear mitochondrial genome. 1998 , 95, 8124-9	275
1581	Chytridiomycosis causes amphibian mortality associated with population declines in the rain forests of Australia and Central America. 1998 , 95, 9031-6	1286
1580	Molecular epidemiological analysis of HIV in sexual networks in Uganda. 1998 , 12, 285-90	32
1579	Homologies and family relationships among Na ⁺ /Cl ⁻ neurotransmitter transporters. 1998 , 296, 425-36	17
1578	Archaeal translation initiation revisited: the initiation factor 2 and eukaryotic initiation factor 2B alpha-beta-delta subunit families. 1998 , 95, 3726-30	92
1577	Molecular phylogeny of <i>Dipterocarp</i> Species Using Nucleotide Sequences of Two Non-coding Regions in Chloroplast DNA.. 1998 , 7, 195-207	25
1576	Honeybee blue- and ultraviolet-sensitive opsins: cloning, heterologous expression in <i>Drosophila</i> , and physiological characterization. 1998 , 18, 2412-22	79
1575	Molecular identification of similar species of the genus <i>Biomphalaria</i> (Mollusca: Planorbidae) determined by a polymerase chain reaction-restriction fragment length polymorphism. 1998 , 93 Suppl 1, 219-25	28

1574	Probing the genetic population structure of <i>Trypanosoma cruzi</i> with polymorphic microsatellites. 1998 , 95, 3776-80	152
1573	<i>Lampetra fluviatilis</i> neurotrophin homolog, descendant of a neurotrophin ancestor, discloses the early molecular evolution of neurotrophins in the vertebrate subphylum. 1998 , 18, 8700-11	53
1572	The evolution of pathogenic trypanosomes. 1999 , 15, 673-84	20
1571	A role for the clathrin assembly domain of AP180 in synaptic vesicle endocytosis. 1999 , 19, 10201-12	88
1570	Restriction fragment length polymorphism of 195 bp repeated satellite DNA of <i>Trypanosoma cruzi</i> supports the existence of two phylogenetic groups. 1999 , 94, 323-8	13
1569	Identity of the xerophilic species <i>Aspergillus penicillioides</i> : Integrated analysis of the genotypic and phenotypic characters. 1999 , 45, 29-37	16
1568	Presence of multiple HIV subtypes and a high frequency of subtype chimeric viruses in heterosexually infected women. 1999 , 22, 325-32	13
1567	Emerging HIV infections with distinct subtypes of HIV-1 infection among injection drug users from geographically separate locations in Guangxi Province, China. 1999 , 22, 180-8	57
1566	Characterization of subtype A HIV-1 from Africa by full genome sequencing. 1999 , 13, 1819-26	80
1565	Phylogenic and phenotypic evidence for the transfer of <i>Eubacterium fossor</i> to the genus <i>Atopobium</i> as <i>Atopobium fossor</i> comb. nov. 1999 , 43, 389-95	15
1564	Ancient DNA in Subfossil Lemurs. 1999 , 1-17	13
1563	Whole genome-based phylogenetic analysis of free-living microorganisms. 1999 , 27, 4218-22	255
1562	Identification of three novel Ca(2+) channel gamma subunit genes reveals molecular diversification by tandem and chromosome duplication. 1999 , 9, 1204-13	55
1561	SINEs of the perfect character. 1999 , 96, 9979-81	113
1560	A novel subtype of class II alcohol dehydrogenase in rodents. Unique Pro(47) and Ser(182) modulates hydride transfer in the mouse enzyme. 1999 , 274, 29712-9	30
1559	Conservation of structure and cold-regulation of RNA-binding proteins in cyanobacteria: probable convergent evolution with eukaryotic glycine-rich RNA-binding proteins. 1999 , 27, 2029-36	83
1558	The DEAD box RNA helicase family in <i>Arabidopsis thaliana</i> . 1999 , 27, 628-36	145
1557	Variability in nDNA, mtDNA, and Proteins. 1999 , 23-32	5

1556 Genome Analysis of Facultatively Alkaliphilic *Bacillus halodurans* C-125. **1999**, 249-284

1555 Adaptive evolution of color vision of the Comoran coelacanth (*Latimeria chalumnae*). **1999**, 96, 6279-84 123

1554 Bacterial diversity within the human subgingival crevice. **1999**, 96, 14547-52 476

1553 Major recent and independent changes in levels and patterns of expression have occurred at the b gene, a regulatory locus in maize. **1999**, 96, 15007-12 41

1552 The family of *Caenorhabditis elegans* tyrosine kinase receptors: similarities and differences with mammalian receptors. **1999**, 9, 1026-39 36

1551 Genetic relationships of *Rana amurensis* based on mitochondrial cytochrome b gene sequences. **1999**, 3, 303-309 4

1550 Origin and evolutionary relationships of giant Galapagos tortoises. **1999**, 96, 13223-8 115

1549 Replicated evolution of trophic specializations in an endemic cichlid fish lineage from Lake Tanganyika. **1999**, 96, 10230-5 164

1548 Phylogeny of rice genomes with emphasis on origins of allotetraploid species. **1999**, 96, 14400-5 363

1547 Genetic variation of the mitochondrial cytochrome b sequence in Korean *Rana rugosa* (amphibia; ranidae). **1999**, 3, 89-96 10

1546 Taxonomic position and affinities of *Isopyrum mandshuricum* within Korean isopyroideae (Ranunculaceae) based on molecular data. **1999**, 3, 133-141

1545 Identification, molecular cloning, and phylogenetic analysis of a non-respiratory pseudo-hemocyanin of *Homarus americanus*. **1999**, 274, 13217-22 44

1544 Cryptocyanin, a crustacean molting protein: evolutionary link with arthropod hemocyanins and insect hexamerins. **1999**, 96, 2013-8 79

1543 HLA-DR, DQ nucleotide sequence polymorphisms in the Pasiegos (Pas valleys, Northern Spain) and comparison of the allelic and haplotypic frequencies with those of other European populations. **1999**, 53, 65-73 26

1542 Genetic variation, population structure and cryptic species within the black mudfish, *Neochanna diversus*, an endemic galaxiid from New Zealand. **1999**, 8, 47-57 51

1541 Phylogeography of the canyon treefrog, *Hyla arenicolor* (Cope) based on mitochondrial DNA sequence data. **1999**, 8, 547-62 46

1540 Population boundaries and genetic diversity in the endangered Mariana crow (*Corvus kubaryi*). **1999**, 8, 941-9 47

1539 Phylogeographic differentiation in the mitochondrial control region in the koala, *Phascolarctos cinereus* (Goldfuss 1817). **1999**, 8, 999-1011 72

1538	Molecular systematics of New World lampropeltine snakes (Colubridae): implications for biogeography and evolution of food habits. 1999 , 68, 355-385	35
1537	A phylogeny for side-necked turtles (Chelonia: Pleurodira) based on mitochondrial and nuclear gene sequence variation. 1999 , 67, 213-246	68
1536	The taxonomy of Vietnam's exploited seahorses (family Syngnathidae). 1999 , 66, 231-256	57
1535	Species concepts and the determination of historic gene flow patterns in the <i>Eulemur fulvus</i> (Brown Lemur) complex. 1999 , 66, 39-56	1
1534	Support for an expanded family concept of Malvaceae within a recircumscribed order Malvales: a combined analysis of plastid atpB and rbcL DNA sequences. 1999 , 129, 267-303	38
1533	A molecular phylogenetic analysis of the bloodroot and kangaroo paw family, Haemodoraceae: taxonomic, biogeographic and conservation implications. 1999 , 131, 285-299	24
1532	Evolutionary relationships of the lungless caecilian <i>Atretochoana eiselti</i> (Amphibia: Gymnophiona: Typhlonectidae). 1999 , 126, 191-223	29
1531	A cladistic analysis of the anomalocystitid mitrates. 1999 , 127, 345-421	22
1530	A Plastid Sigma Factor Sequence from the C4 Monocot <i>Sorghum bicolor</i> . 1999 , 1, 180-186	6
1529	Phylogenetic Relationships of <i>Scenedesmus</i> and <i>Scenedesmus</i> -like Coccoid Green Algae as Inferred from ITS-2 rDNA Sequence Comparisons. 1999 , 1, 418-428	112
1528	Molecular Systematics and Evolution of <i>Arabidopsis</i> and <i>Arabis</i> . 1999 , 1, 529-537	142
1527	Microsatellite diversity in sympatric reproductive ecotypes of Pacific steelhead (<i>Oncorhynchus mykiss</i>) from the Middle Fork Eel River, California. 1999 , 8, 159-168	30
1526	Critical analysis of eukaryotic phylogeny: a case study based on the HSP70 family. 1999 , 46, 116-24	82
1525	A molecular study of euglenoid phylogeny using small subunit rDNA. 1999 , 46, 217-23	60
1524	A comparative genomics approach to the evolution of eukaryotes and their mitochondria. 1999 , 46, 320-6	75
1523	Investigating deep phylogenetic relationships among cyanobacteria and plastids by small subunit rRNA sequence analysis. 1999 , 46, 327-38	984
1522	Molecular phylogeny of labyrinthulids and thraustochytrids based on the sequencing of 18S ribosomal RNA gene. 1999 , 46, 637-47	137
1521	Natural infection of chimpanzees with new lentiviruses related to HIV-1/SIVcpz. 1999 , 28, 169-73	1

1520	The MHC big bang. 1999 , 167, 33-44	60
1519	Human immunodeficiency virus type 1 genetic evolution in patients with prolonged suppression of plasma viremia. 1999 , 256, 180-7	55
1518	The genome nucleotide sequence of a contemporary wild strain of measles virus and its comparison with the classical Edmonston strain genome. 1999 , 256, 340-50	28
1517	Identification of the canarypox virus thymidine kinase gene and insertion of foreign genes. 1999 , 256, 280-90	21
1516	Genetic diversity of pestiviruses: identification of novel groups and implications for classification. 1999 , 262, 64-71	168
1515	Molecular analysis of <i>Lathyrus sativus</i> L. (grasspea) and related <i>Lathyrus</i> species. 1999 , 107, 167-176	41
1514	Genetic relationships among grapevine varieties grown in different French and Spanish regions based on RAPD markers. 1999 , 109, 161-172	22
1513	Phylogenetic relation of <i>Epidermophyton floccosum</i> to the species of <i>Microsporum</i> and <i>Trichophyton</i> in chitin synthase 1 (CHS1) gene sequences. 1999 , 146, 111-3	14
1512	Molecular confirmation of a <i>Trichophyton violaceum</i> isolate from human black-dot ringworm. 1999 , 146, 127-30	5
1511	Species recognition in New Zealand <i>Porphyra</i> using 18S rDNA sequencing. 1999 , 11, 421-428	61
1510	Polymorphism in Systematics and Comparative Biology. 1999 , 30, 327-362	131
1509	Reexamination of sectional classification in far eastern <i>Euphorbia</i> subgenus <i>Esula</i> (Euphorbiaceae) using morphological and phenolic data. 1999 , 42, 199-204	4
1508	Molecular evidence for the phylogenetic position of <i>Hanabusaya asiatica</i> Nakai (Campanulaceae), an endemic species in Korea. 1999 , 42, 168-173	8
1507	Comparison between phylogeny of introns and exons in primate. 1999 , 44, 1940-1946	3
1506	The allotetraploid invasive weed <i>Bromus hordeaceus</i> L. (Poaceae): Genetic diversity, origin and molecular evolution. 1999 , 34, 405-419	14
1505	Three new species of <i>Bullera</i> isolated from leaves in the Ogasawara Islands. 1999 , 40, 491-501	17
1504	Molecular phylogeny of onygenalean fungi based on small subunit ribosomal DNA (SSU rDNA) sequences. 1999 , 40, 251-258	48
1503	Phylogenetic relationships of <i>Microsphaera</i> and <i>Erysiphe</i> section <i>Erysiphe</i> (powdery mildews) inferred from the rDNA ITS sequences. 1999 , 40, 259-268	85

1502	Phylogenetic positions of rust fungi parasitic on ferns: Evidence from 18S rDNA sequence analysis. 1999 , 40, 21-27	22
1501	Mitochondrial pseudogenes and phyletic relationships of <i>Cebuella</i> and <i>Callithrix</i> (Platyrrhini, primates). 1999 , 40, 353-364	9
1500	Phylogenetic position of the kinetoplastids, <i>Cryptobia bullocki</i> , <i>Cryptobia catostomi</i> , and <i>Cryptobia salmositica</i> and monophyly of the genus <i>Trypanosoma</i> inferred from small subunit ribosomal RNA sequences. 1999 , 99, 69-76	41
1499	Molecular characterisation of plant cDNAs BnMAP4Kalpha1 and BnMAP4Kalpha2 belonging to the GCK/SPS1 subfamily of MAP kinase kinase kinase. 1999 , 1444, 1-13	17
1498	The molecular evolution of trypanosomes. 1999 , 15, 432-7	74
1497	Molecular heterogeneity in clinical isolates of <i>Malassezia pachydermatis</i> from dogs. 1999 , 70, 67-75	28
1496	Phylogenetic analysis of proteolytic <i>Acinetobacter</i> strains based on the sequence of genes encoding aminoglycoside 6'-N-acetyltransferases. 1999 , 22, 59-67	17
1495	Physiological and phylogenetic diversity of bacteria growing on resin acids. 1999 , 22, 68-78	60
1494	Non-universal usage of the leucine CUG codon and the molecular phylogeny of the genus <i>Candida</i> . 1999 , 22, 79-86	109
1493	Diversity and relationships of <i>Bradyrhizobia</i> from <i>Amphicarpaea bracteata</i> based on partial nod and ribosomal sequences. 1999 , 22, 387-92	36
1492	Rapid isolation of single microbial cells from mixed natural and laboratory populations with the aid of a micromanipulator. 1999 , 22, 249-57	93
1491	A phylogenetic and biogeographic study of <i>Hamamelis</i> (Hamamelidaceae), an eastern Asian and eastern North American disjunct genus. 1999 , 27, 55-66	42
1490	A new family of amino-acid-efflux proteins. 1999 , 24, 133-5	56
1489	A six-stranded double-psi beta barrel is shared by several protein superfamilies. 1999 , 7, 227-36	102
1488	DNA sequence of the beta-isopropylmalate dehydrogenase gene and phylogenetic analysis of the yeast <i>Saccharomyces exiguus</i> Yp74L-3. 1999 , 87, 15-8	2
1487	Physiological and chemotaxonomical studies on microflora within a composter operated at high temperature. 1999 , 88, 92-7	15
1486	Phylogenetic analysis of the SSU rRNA from members of the Chrysophyceae. 1999 , 150, 71-84	66
1485	<i>Symbiomonas scintillans</i> gen. et sp. nov. and <i>Picophagus flagellatus</i> gen. et sp. nov. (Heterokonta): two new heterotrophic flagellates of picoplanktonic size. 1999 , 150, 383-98	40

1484	Mesostigmatophyceae, a new class of streptophyte green algae revealed by SSU rRNA sequence comparisons. 1999 , 150, 399-417	89
1483	Reclassification of a pneumocandin-producing anamorph, <i>Glarea lozoyensis</i> gen. et sp. nov., previously identified as <i>Zalerion arboricola</i> . 1999 , 103, 179-192	77
1482	Morphological and molecular analysis of <i>Colletotrichum acutatum</i> sensu lato. 1999 , 103, 275-285	67
1481	Application of ITS (nrDNA) sequences in the phylogenetic study of <i>Tyromyces</i> s.l.. 1999 , 103, 219-229	30
1480	Polyphyletic origins of yeast-like endocytobionts from anobiid and cerambycid beetles. 1999 , 103, 542-546	29
1479	Systematic relationship of several controversial <i>Cunninghamella</i> taxa inferred from sequence comparisons of ITS2 of rDNA. 1999 , 103, 805-810	4
1478	PCR-based identification and phylogeny of species of <i>Ceratocystis</i> sensu stricto. 1999 , 103, 743-749	35
1477	Ribosomal DNA polymorphism in <i>Colletotrichum lindemuthianum</i> . 1999 , 103, 841-848	26
1476	Molecular evidence for the presence of <i>Ophiosphaerella narmari</i> n. comb., a cause of spring dead spot of Bermuda grass, in North America. 1999 , 103, 981-989	25
1475	Phylogenetic relationships of <i>Meliola</i> and <i>Meliolina</i> inferred from nuclear small subunit rRNA sequences. 1999 , 103, 1049-1056	23
1474	Relationship of <i>Scedosporium prolificans</i> with <i>Petriella</i> confirmed by partial LSU rDNA sequences. 1999 , 103, 1179-1184	28
1473	Phylogenetic relationships among some cercosporoid anamorphs of <i>Mycosphaerella</i> based on rDNA sequence analysis. 1999 , 103, 1491-1499	71
1472	Testing the phylogenetic stability of early tetrapods. 1999 , 200, 343-4	82
1471	Phylogenetics of <i>Pinus</i> (Pinaceae) based on nuclear ribosomal DNA internal transcribed spacer region sequences. 1999 , 11, 95-109	151
1470	Ecological parallelism and cryptic species in the genus <i>Ophiostrix</i> derived from mitochondrial DNA sequences. 1999 , 11, 157-62	41
1469	Colonization history of atlantic island common chaffinches (<i>Fringilla coelebs</i>) revealed by mitochondrial DNA. 1999 , 11, 201-12	50
1468	Extreme intraspecific mitochondrial DNA sequence divergence in <i>Galaxias maculatus</i> (Osteichthys: Galaxiidae), one of the world's most widespread freshwater fish. 1999 , 11, 1-12	77
1467	Molecular evolutionary relationships in the avian genus <i>Anthus</i> (Pipits: Motacillidae). 1999 , 11, 84-94	54

1466	Evolution of ruminant Sarcocystis (Sporozoa) parasites based on small subunit rDNA sequences. 1999 , 11, 27-37	50
1465	A molecular phylogeny of the patellid limpets (Gastropoda: Patellidae) and its implications for the origins of their antitropical distribution. 1999 , 11, 138-56	73
1464	Phylogenetic relationships of North American damselflies of the genus <i>Ischnura</i> (Odonata: Zygoptera: Coenagrionidae) based on sequences of three mitochondrial genes. 1999 , 11, 110-21	51
1463	Molecular evolution of type 1 serine/threonine protein phosphatases. 1999 , 12, 57-66	46
1462	Total evidence, consensus, and bat phylogeny: A distance-based approach. 1999 , 11, 55-66	32
1461	A molecular phylogeny of the pheasants and partridges suggests that these lineages are not monophyletic. 1999 , 11, 38-54	135
1460	Molecular phylogeny and evolutionary history of the tit-tyrants (Aves: Tyrannidae). 1999 , 11, 67-76	25
1459	Phylogenetic relationships of African killifishes in the genera <i>Aphyosemion</i> and <i>Fundulopanchax</i> inferred from mitochondrial DNA sequences. 1999 , 11, 351-60	23
1458	Cytochrome b phylogeny of the family bovidae: resolution within the alcelaphini, antilopini, neotragini, and tragelaphini. 1999 , 12, 31-46	64
1457	A phylogeny of aphid parasitoids (Hymenoptera: Braconidae: Aphidiinae) inferred from mitochondrial NADH 1 dehydrogenase gene sequence. 1999 , 11, 236-45	53
1456	Phylogeny of the arachnid order Opiliones (Arthropoda) inferred from a combined approach of complete 18S and partial 28S ribosomal DNA sequences and morphology. 1999 , 11, 296-307	68
1455	Evolution of a mitochondrial cytochrome b gene sequence in the species-rich genus <i>Sebastes</i> (Teleostei, Scorpaenidae) and its utility in testing the monophyly of the subgenus <i>Sebastomus</i> . 1999 , 11, 426-40	55
1454	Molecular phylogeny of new world primates (Platyrrhini) based on beta2-microglobulin DNA sequences. 1999 , 12, 74-82	70
1453	Molecular phylogeny of the <i>Ceratosolen</i> species pollinating <i>Ficus</i> of the subgenus <i>Sycomorus</i> sensu stricto: biogeographical history and origins of the species-specificity breakdown cases. 1999 , 11, 401-14	75
1452	Internal transcribed spacer sequence phylogeny of <i>Crambe</i> L. (Brassicaceae): molecular data reveal two Old World disjunctions. 1999 , 11, 361-80	65
1451	A molecular phylogeny of four endangered Madagascar tortoises based on MtDNA sequences. 1999 , 12, 1-9	69
1450	Mitochondrial 12S rDNA indicates that the Rhipicephalinae (Acari: Ixodida) is paraphyletic. 1999 , 12, 83-6	28
1449	The phylogenetic relationships of the suborder Acanthuroidei (Teleostei: Perciformes) based on molecular and morphological evidence. 1999 , 11, 415-25	40

1448	Reevaluation of phylogeny in the <i>Drosophila obscura</i> species group based on combined analysis of nucleotide sequences. 1999 , 12, 124-39	48
1447	Phylogeny of salmonine fishes based on growth hormone introns: Atlantic (<i>Salmo</i>) and Pacific (<i>Oncorhynchus</i>) salmon are not sister taxa. 1999 , 11, 381-93	104
1446	Basal divergences in birds and the phylogenetic utility of the nuclear RAG-1 gene. 1999 , 12, 115-23	357
1445	Systematic relationships within the dasyurid marsupial tribe Sminthopsini--a multigene approach. 1999 , 12, 140-55	38
1444	The major opsin in bees (Insecta: Hymenoptera): A promising nuclear gene for higher level phylogenetics. 1999 , 12, 168-76	81
1443	Phylogenetics of Cancer crabs (Crustacea: Decapoda: Brachyura). 1999 , 12, 186-99	59
1442	Polyphyly and convergent morphological evolution in Commelinales and Commelinidae: evidence from rbcL sequence data. 1999 , 12, 360-85	83
1441	A molecular phylogeny of the New World orioles (<i>Icterus</i>): the importance of dense taxon sampling. 1999 , 12, 224-39	144
1440	Phylogeny, biogeography, and processes of molecular differentiation in <i>Quercus</i> subgenus <i>Quercus</i> (Fagaceae). 1999 , 12, 333-49	289
1439	Phylogenetic study of complete cytochrome b genes in musk deer (genus <i>Moschus</i>) using museum samples. 1999 , 12, 241-9	53
1438	The tribal radiation of the family Bovidae (Artiodactyla) and the evolution of the mitochondrial cytochrome b gene. 1999 , 13, 227-43	172
1437	Sequence insertions and ITS data provide congruent information on <i>Rocella canariensis</i> and <i>R. tuberculata</i> (Arthoniales, Euascomycetes) phylogeny. 1999 , 12, 295-309	97
1436	Molecular phylogeny of <i>Nemadactylus</i> and <i>Acantholatris</i> (Perciformes: Cirrhitidae: Cheilodactylidae), with implications for taxonomy and biogeography. 1999 , 13, 93-109	27
1435	Molecular phylogenetics and ecological diversification of the transisthmian fish genus <i>Centropomus</i> (Perciformes: Centropomidae). 1999 , 13, 193-207	72
1434	Re: Origin and diversification of <i>Euleptocarabus porrecticollis</i> (Coleoptera, Carabidae) in the Japanese islands inferred from mitochondrial ND5 gene sequences. 1999 , 13, 440-4	8
1433	Potential phylogenetic utility of the low-copy nuclear gene <i>pistillata</i> in dicotyledonous plants: comparison to nrDNA ITS and trnL intron in <i>Sphaerocardamum</i> and other Brassicaceae. 1999 , 13, 20-30	62
1432	Phylogeny and evolution of <i>Orchis</i> and allied genera based on ITS DNA variation: morphological gaps and molecular continuity. 1999 , 13, 67-76	109
1431	Molecular phylogeny and speciation of the surfperches (Embiotocidae, Perciformes). 1999 , 13, 77-81	28

1430	Phylogenetic relationships of Greek cyprinidae: molecular evidence for at least two origins of the Greek cyprinid fauna. 1999 , 13, 122-31	60
1429	Molecular evolution and phylogeny of the <i>Drosophila saltans</i> species group inferred from the Xdh gene. 1999 , 13, 110-21	23
1428	Phylogenetic relationships in the mushroom genus <i>Coprinus</i> and dark-spored allies based on sequence data from the nuclear gene coding for the large ribosomal subunit RNA: divergent domains, outgroups, and monophyly. 1999 , 13, 1-19	198
1427	Rapid radiation events in the family Ursidae indicated by likelihood phylogenetic estimation from multiple fragments of mtDNA. 1999 , 13, 82-92	60
1426	Molecular evidence for a clade of turtles. 1999 , 13, 144-8	65
1425	Miocene radiation of deep-sea hydrothermal vent shrimp (Caridea: Bresiliidae): evidence from mitochondrial cytochrome oxidase subunit I. 1999 , 13, 244-54	107
1424	Dynamically heterogeneous partitions and phylogenetic inference: an evaluation of analytical strategies with cytochrome b and ND6 gene sequences in cranes. 1999 , 13, 302-13	23
1423	Phylogenetic relationships within the aquatic snail genus <i>Tryonia</i> : implications for biogeography of the North American Southwest. 1999 , 13, 377-91	47
1422	Molecular phylogenetic relationships of the deep-sea fish genus <i>Coryphaenoides</i> (Gadiformes: Macrouridae) based on mitochondrial DNA. 1999 , 13, 447-54	38
1421	Phylogeny of "Oxycanus" lineages of hepialid moths from New Zealand inferred from sequence variation in the mtDNA COI and II gene regions. 1999 , 13, 463-73	27
1420	Different models, different trees: the geographic origin of PTLV-I. 1999 , 13, 336-47	42
1419	Diagnostic genetic markers and evolutionary relationships among invasive dreissenoid and corbiculoid bivalves in North America: phylogenetic signal from mitochondrial 16S rDNA. 1999 , 13, 31-49	65
1418	Two genetically distinct lineages of the sika deer, <i>Cervus nippon</i> , in Japanese islands: comparison of mitochondrial D-loop region sequences. 1999 , 13, 511-9	114
1417	Phylogeny of the bee genus <i>Halictus</i> (Hymenoptera: halictidae) based on parsimony and likelihood analyses of nuclear EF-1 α sequence data. 1999 , 13, 605-18	95
1416	Phylogenetic relationships of the silver saxifrages (<i>Saxifraga</i> , sect. <i>Ligulatae</i> haworth): implications for the evolution of substrate specificity, life histories, and biogeography. 1999 , 13, 536-55	71
1415	The phylogenetic position of "Acomyinae" (Rodentia, Mammalia) as sister group of a Murinae + Gerbillinae clade: evidence from the nuclear ribonuclease gene. 1999 , 13, 181-92	31
1414	Molecular systematics of marsupials based on the rRNA 12S mitochondrial gene: the phylogeny of didelphimorphia and of the living fossil microbiotheriid <i>Dromiciops gliroides thomasi</i> . 1999 , 13, 525-35	72
1413	Molecular systematics of the Malagasy babblers (Passeriformes: timaliidae) and warblers (Passeriformes: sylviidae), based on cytochrome b and 16S rRNA sequences. 1999 , 13, 581-95	65

1412	Systematics of the genus <i>Capra</i> inferred from mitochondrial DNA sequence data. 1999 , 13, 504-10	76
1411	A Molecular Phylogeny of the Blackbirds (Icteridae): Five Lineages Revealed by Cytochrome-B Sequence Data. 1999 , 116, 629-639	100
1410	Coalescent estimates of HIV-1 generation time in vivo. 1999 , 96, 2187-91	94
1409	Molecular Systematics of the Rhinocryptid Genus <i>Pteroptochos</i> . 1999 , 101, 439-446	110
1408	The Long-Billed Lark Complex: A Species Mosaic in Southwestern Africa. 1999 , 116, 194-208	26
1407	From morphology and karyology to molecules. New methods for taxonomical identification of asexual populations of freshwater planarians. A tribute to Professor Mario Benazzi. 1999 , 66, 207-214	39
1406	Molecular reidentification of human pathogenic <i>Trichoderma</i> isolates as <i>Trichoderma longibrachiatum</i> and <i>Trichoderma citrinoviride</i> . 1999 , 37, 25-33	74
1405	Molecular detection of enteroviruses from an outbreak of hand, foot and mouth disease in Malaysia in 1997. 1999 , 31, 331-5	45
1404	Phylogenetic Relationships of the Flying Lizards, Genus <i>Draco</i> (Reptilia, Agamidae). 1999 , 16, 535-549	33
1403	Evolution of <i>Stilbocarpa</i> , a megaherb from New Zealand's sub-antarctic islands. 1999 , 37, 205-211	24
1402	Peopling of Sahul: mtDNA variation in aboriginal Australian and Papua New Guinean populations. 1999 , 65, 808-28	99
1401	Systématique moléculaire des Miltès. 1999 , 322, 429-439	4
1400	Taxonomic study of bacteria isolated from Lebanese spring waters: proposal for <i>Pseudomonas cedrella</i> sp. nov. and <i>P. orientalis</i> sp. nov. 1999 , 150, 303-16	35
1399	Genomic organization and evolution of actin genes in the amphioxus <i>Branchiostoma belcheri</i> and <i>Branchiostoma floridae</i> . 1999 , 227, 1-10	24
1398	Evolutionary analysis of putative olfactory receptor genes of medaka fish, <i>Oryzias latipes</i> . 1999 , 231, 137-45	17
1397	Plant MAP kinase kinase kinases structure, classification and evolution. 1999 , 233, 1-11	42
1396	The elongation factor-1delta (EF-1delta) originates from gene duplication of an EF-1beta ancestor and fusion with a protein-binding domain. 1999 , 233, 83-7	11
1395	Module-intron correlation and intron sliding in family F/10 xylanase genes. 1999 , 238, 93-101	41

1394	High prevalence and phylogenetic analysis of TT-virus infection in Mongolia. 1999 , 60, 171-9	11
1393	Molecular epidemiology of classical swine fever in Cuba. 1999 , 64, 61-7	34
1392	Sequencing of prototype viruses in the Venezuelan equine encephalitis antigenic complex. 1999 , 64, 43-59	18
1391	The matrix protein gene sequence analysis reveals close relationship between peste des petits ruminants virus (PPRV) and dolphin morbillivirus. 1999 , 64, 69-75	39
1390	Molecular characterisation and expression of an Arabidopsis thaliana L. MAP kinase kinase cDNA, AtMAP2K11. 1999 , 140, 41-52	12
1389	Diversification in insular plants: inferring the phylogenetic relationship in Aeonium (Crassulaceae) using ITS sequences of nuclear ribosomal DNA. 1999 , 19, 613-621	18
1388	Pattern of Brachyury gene expression in starfish embryos resembles that of hemichordate embryos but not of sea urchin embryos. 1999 , 82, 185-9	67
1387	TT virus infection among blood donors and patients with non-B, non-C liver diseases in Korea. 1999 , 30, 389-93	25
1386	High prevalence of TT virus infection in Japanese patients with liver diseases and in blood donors. 1999 , 31, 221-7	43
1385	Mother-to-infant transmission of hepatitis C virus: molecular evidence of superinfection by homologous virus in children. 1999 , 30, 970-8	13
1384	Infection with a novel human DNA virus (TTV) has no pathogenic significance in patients with liver diseases. 1999 , 30, 1028-34	59
1383	The rice inoculant strain <i>Alcaligenes faecalis</i> A15 is a nitrogen-fixing <i>Pseudomonas stutzeri</i> . 1999 , 22, 215-24	76
1382	Characterization of genes for enzymes involved in the phenanthrene degradation in <i>Nocardioides</i> sp. KP7. 1999 , 38, 1331-7	46
1381	The amino acid/auxin:proton symport permease family. 1999 , 1415, 306-22	103
1380	A comparison of cytochrome b and DNA hybridization data bearing on the phylogeny of swallows (Aves: Hirundinidae). 1999 , 11, 320-31	39
1379	Toward an integrated genetic epidemiology of parasitic protozoa and other pathogens. 1999 , 33, 449-77	70
1378	Molecular systematic analysis of the order Proteocephalidea (Eucestoda) based on mitochondrial and nuclear rDNA sequences. 1999 , 29, 1841-52	66
1377	Comparison of acetylcholinesterase genes from cattle ticks. 1999 , 29, 1765-74	16

1376	Phylogenetic relationships within and between <i>Epichloa</i> and <i>Neotyphodium</i> endophytes as estimated by AFLP markers and rDNA sequences. 1999 , 103, 1593-1603	30
1375	The Diversity and Distribution of Modern Planktic Foraminiferal Small Subunit Ribosomal RNA Genotypes and their Potential as Tracers of Present and Past Ocean Circulations. 1999 , 14, 3-12	112
1374	Preliminary study on genetic variability of <i>Dicrocoelium dendriticum</i> determined by random amplified polymorphic DNA. 1999 , 48, 21-6	19
1373	Genetic relationships of Korean treefrogs (Amphibia; Hylidae) based on mitochondrial cytochrome b and 12S rRNA genes. 1999 , 3, 295-301	8
1372	Molecular evidence for multiple origins of woodiness and a new world biogeographic connection of the Macaronesian island endemic <i>Pericallis</i> (Asteraceae: Senecioneae). 1999 , 96, 13886-91	105
1371	HOW SHARP ARE CLASSIFICATIONS?. 1999 , 80, 2508-2516	72
1370	Molecular phylogeny and evolution of Sorex shrews (Soricidae: insectivora) inferred from mitochondrial DNA sequence data. 1999 , 11, 222-35	121
1369	A molecular approach to the systematics of the Antarctic scallop <i>Adamussium colbecki</i> . 1999 , 66, 379-382	14
1368	Molecular Systematics of the Grackles and Allies, and the Effect of Additional Sequence (Cyt B and ND2). 1999 , 116, 759-768	82
1367	Phylogeny and Biogeography of Dabbling Ducks (Genus: <i>Anas</i>): A Comparison of Molecular and Morphological Evidence. 1999 , 116, 792-805	146
1366	Evolutionary Patterns of Morphometrics, Allozymes, and Mitochondrial DNA in Thrashers (Genus <i>Toxostoma</i>). 1999 , 116, 1021-1038	30
1365	High Levels of Mitochondrial DNA Differentiation in Two Lineages of Antbirds (<i>Drymophila</i> and <i>Hypocnemis</i>). 1999 , 116, 1093-1106	73
1364	Genetic structure of typical and atypical populations of <i>Candida albicans</i> from Africa. 1999 , 28, 107-25	71
1363	Human ovalbumin serpin evolution: phylogenetic analysis, gene organization, and identification of new PI8-related genes suggest that two interchromosomal and several intrachromosomal duplications generated the gene clusters at 18q21-q23 and 6p25. 1999 , 62, 490-9	40
1362	Domain dislocation: a change of core structure in periplasmic binding proteins in their evolutionary history. 1999 , 286, 279-90	166
1361	Functional diversity of vertebrate ARNT proteins: identification of ARNT2 as the predominant form of ARNT in the marine teleost, <i>Fundulus heteroclitus</i> . 1999 , 361, 156-63	49
1360	The <i>cbbQ</i> genes, located downstream of the form I and form II RubisCO genes, affect the activity of both RubisCOs. 1999 , 265, 177-83	30
1359	Cloning, functional characterization, and expression of a gonadotropin receptor cDNA in the ovary and testis of Amago salmon (<i>Oncorhynchus rhodurus</i>). 1999 , 263, 584-90	88

1358	The duality of fish gonadotropin receptors: cloning and functional characterization of a second gonadotropin receptor cDNA expressed in the ovary and testis of amago salmon (<i>Oncorhynchus rhodurus</i>). 1999 , 265, 366-71	101
1357	Nonchordate classic cadherins have a structurally and functionally unique domain that is absent from chordate classic cadherins. 1999 , 216, 406-22	97
1356	Molecular cloning of interleukin 1beta from rainbow trout <i>Oncorhynchus mykiss</i> reveals no evidence of an ice cut site. 1999 , 11, 552-60	199
1355	Analysis of enterovirus sequences recovered from the cerebrospinal fluid of patients with epidemic neuropathy. 1999 , 93, 153-161	2
1354	Phylogeny of the Genera <i>Anastrepha</i> and <i>Toxotrypana</i> (Trypetinae. 1999 , 341-361	
1353	Anatomy, phylogeny and biology of <i>Odostomella</i> and <i>Herviera</i> , with the description of a new species of <i>Odostomella</i> (Mollusca, Heterostropha, Pyramidellidae). 1999 , 51, 39-76	16
1352	Chitin synthase 2 gene sequence of <i>Malassezia</i> species. 1999 , 43, 813-5	28
1351	Presence of Multiple HIV Subtypes and a High Frequency of Subtype Chimeric Viruses in Heterosexually Infected Women. 1999 , 22, 325	23
1350	Emerging HIV Infections With Distinct Subtypes of HIV-1 Infection Among Injection Drug Users From Geographically Separate Locations in Guangxi Province, China. 1999 , 22, 180	31
1349	A prokaryotic gene cluster involved in synthesis of lysine through the amino adipate pathway: a key to the evolution of amino acid biosynthesis. 1999 , 9, 1175-83	96
1348	Molecular Systematics of the Deep-Sea Fish Genus <i>Gonostoma</i> (Stomiiformes: Gonostomatidae): Two Paraphyletic Clades and Resurrection of <i>Sigmops</i> . 2000 , 2000, 378-389	14
1347	Comparison of the oral bacterial flora in saliva from a healthy subject and two periodontitis patients by sequence analysis of 16S rDNA libraries. 2000 , 44, 643-52	94
1346	Emergence of new influenza A viruses which carry an escape mutation of the HLA-B27-restricted CTL epitope of NP in Japan. 2000 , 44, 867-70	3
1345	Effect of Harvest and Effective Population Size on Genetic Diversity in a Striped Bass Population. 2000 , 129, 1367-1372	9
1344	Phylogenetic relationships within the genus <i>Wiseana</i> (Lepidoptera: Hepialidae). 2000 , 27, 1-14	7
1343	Phylogenetic and taxonomic heterogeneity of <i>Cryptococcus humicolus</i> by analysis of the sequences of the internal transcribed spacer regions and 18S rDNA, and the phylogenetic relationships of <i>C. humicolus</i> , <i>C. curvatus</i> , and the genus <i>Trichosporon</i> . 2000 , 44, 455-61	21
1342	Molecular phylogeny of <i>Coriaria</i> , with special emphasis on the disjunct distribution. 2000 , 14, 11-9	65
1341	Extracting species trees from complex gene trees: reconciled trees and vertebrate phylogeny. 2000 , 14, 89-106	127

1340	Nuclear and mitochondrial genes contain similar phylogenetic signal for pigeons and doves (Aves: Columbiformes). 2000 , 14, 141-51	118
1339	Modes of evolution in the protease and kringle domains of the plasminogen-prothrombin family. 2000 , 14, 469-78	17
1338	Phylogenetic relationships of the genus <i>Paramecium</i> inferred from small subunit rRNA gene sequences. 2000 , 14, 122-30	58
1337	Study of the evolutionary relationships among <i>Limonium</i> species (Plumbaginaceae) using nuclear and cytoplasmic molecular markers. 2000 , 14, 232-49	52
1336	A new molecular phylogenetic hypothesis for the evolution of freshwater eels. 2000 , 14, 250-8	26
1335	Molecular systematics of new world gopher, bull, and pinesnakes (Pituophis: Colubridae), a transcontinental species complex. 2000 , 14, 35-50	71
1334	An 18S rDNA-based molecular phylogeny of aphidiinae (Hymenoptera: braconidae). 2000 , 14, 180-94	37
1333	Molecular phylogeny of north mediterranean freshwater barbs (genus <i>Barbus</i> : cyprinidae) inferred from cytochrome b sequences: biogeographic and systematic implications. 2000 , 14, 165-79	108
1332	Phylogeny of the lady fern group, tribe <i>Physematieae</i> (Dryopteridaceae), based on chloroplast <i>rbcl</i> gene sequences. 2000 , 15, 403-13	47
1331	A phylogenetic study of the malagasy couas with insights into cuckoo relationships. 2000 , 14, 436-44	27
1330	Phylogeny of east asian bufonids inferred from mitochondrial DNA sequences (Anura: amphibia). 2000 , 14, 423-35	45
1329	Phylogenetic relationships of xenodontine snakes inferred from 12S and 16S ribosomal RNA sequences. 2000 , 14, 389-402	78
1328	Pre-pleistocene refugia and differentiation between populations of the caucasian salamander (<i>Mertensiella caucasica</i>). 2000 , 14, 414-22	41
1327	Phylogenetic analysis of molluscan mitochondrial LSU rDNA sequences and secondary structures. 2000 , 15, 83-102	100
1326	Phylogenetic relationships of elapid snakes based on cytochrome b mtDNA sequences. 2000 , 15, 157-64	85
1325	Molecular phylogeny and larval morphological diversity of the lanternfish genus <i>Hygophum</i> (Teleostei: Myctophidae). 2000 , 15, 103-14	21
1324	A rapid heuristic algorithm for finding minimum evolution trees. 2000 , 16, 173-9	3
1323	Phylogenetic relationships among european red deer, wapiti, and sika deer inferred from mitochondrial DNA sequences. 2000 , 15, 115-23	68

1322	Molecular systematics of the order anaspeidea based on mitochondrial DNA sequence (12S, 16S, and COI). 2000 , 15, 41-58	57
1321	Phylogeny and classification of poison frogs (Amphibia: dendrobatidae), based on mitochondrial 16S and 12S ribosomal RNA gene sequences. 2000 , 15, 34-40	89
1320	Molecular systematics, zoogeography, and evolutionary ecology of the atlantic parrotfish genus Sparisoma. 2000 , 15, 292-300	63
1319	Nuclear genes resolve mesozoic-aged divergences in the insect order Lepidoptera. 2000 , 15, 242-59	66
1318	Phylogeny and historical biogeography of the loliginid squids (Mollusca: cephalopoda) based on mitochondrial DNA sequence data. 2000 , 15, 191-214	71
1317	Historical biogeography of the Western Rattlesnake (Serpentes: viperidae: Crotalus viridis), inferred from mitochondrial DNA sequence information. 2000 , 15, 269-82	90
1316	Molecular phylogenetic analysis of the Pneumoroidea (Orthoptera, Caelifera): molecular data resolve morphological character conflicts in the basal acridomorpha. 2000 , 15, 345-54	34
1315	Phylogenetic relationships, character evolution, and biogeography of the subfamily Lygosominae (Reptilia: Scincidae) inferred from mitochondrial DNA sequences. 2000 , 15, 452-61	67
1314	Phylogenetic relationships of world populations of Bemisia tabaci (Gennadius) using ribosomal ITS1. 2000 , 16, 29-36	173
1313	Higher-level phylogeny of the Therevidae (Diptera: insecta) based on 28S ribosomal and elongation factor-1 alpha gene sequences. 2000 , 15, 440-51	37
1312	Evolution in the high Andes: the phylogenetics of Muscisaxicola ground-tyrants. 2000 , 15, 369-80	80
1311	The impact of parsimony weighting schemes on inferred relationships among toucans and neotropical barbets (Aves: piciformes). 2000 , 15, 215-34	34
1310	Molecular phylogeny and evolutionary patterns of the european satyrids (Lepidoptera: Satyridae) as revealed by mitochondrial gene sequences. 2000 , 15, 70-82	25
1309	Phylogenetic analyses of the rhipicephaline ticks indicate that the genus Rhipicephalus is paraphyletic. 2000 , 16, 1-7	65
1308	Molecular phylogeny of parasitic zygomycota (Dimargaritales, zoopagales) based on nuclear small subunit ribosomal DNA sequences. 2000 , 16, 253-62	47
1307	Resolution of phylogenetic relationships among recently evolved species as a function of amount of DNA sequence: an empirical study based on woodpeckers (Aves: Picidae). 2000 , 16, 143-60	49
1306	Variation and phylogenetic utility of the Arabidopsis thaliana Rps2 homolog in various species of the tribe Brassiceae. 2000 , 16, 440-8	19
1305	Variation in modes and rates of evolution in nuclear and mitochondrial ribosomal DNA in the mushroom genus Amanita (Agaricales, Basidiomycota): phylogenetic implications. 2000 , 16, 48-63	41

1304	Phylogenetic relationships, morphological incongruence, and geographic speciation in the Fontinalaceae (Bryophyta). 2000 , 16, 225-37	75
1303	Phylogeny of the syrphoidea (Diptera) inferred from mtDNA sequences and morphology with particular reference to classification of the pipunculidae (Diptera). 2000 , 16, 212-24	61
1302	Increasing fidelity in parsimony analysis of dorid nudibranchs by differential weighting, or a tale of two genes. 2000 , 16, 161-72	25
1301	Relationships among brown lemurs (<i>Eulemur fulvus</i>) based on mitochondrial DNA sequences. 2000 , 16, 418-29	31
1300	A molecular phylogeny for the frog genus <i>Limnodynastes</i> (Anura: myobatrachidae). 2000 , 16, 379-91	24
1299	A phylogeny of <i>Packera</i> (Senecioneae; asteraceae) based on internal transcribed spacer region sequence data and a broad sampling of outgroups. 2000 , 16, 331-8	24
1298	Molecular phylogenetics of the <i>Peromyscus boylii</i> species group (Rodentia: muridae) based on mitochondrial cytochrome b sequences. 2000 , 16, 366-78	60
1297	Evidence from intron 1 of the nuclear transthyretin (Prealbumin) gene for the phylogeny of African mole-rats (Bathyergidae). 2000 , 16, 467-74	35
1296	First data on the molecular phylogeography of scincid lizards of the genus <i>Mabuya</i> . 2000 , 17, 11-4	60
1295	Phylogenetic and biogeographic relationships of eastern Asian and eastern North American disjunct <i>Suillus</i> species (fungi) as inferred from nuclear ribosomal RNA ITS sequences. 2000 , 17, 37-47	84
1294	Phylogenetic relationships of north American field crickets inferred from mitochondrial DNA data. 2000 , 17, 48-57	72
1293	Phylogeny and life history evolution of the genus <i>Chrysoritis</i> within the Aphnaeini (Lepidoptera: Lycaenidae), inferred from mitochondrial cytochrome oxidase I sequences. 2000 , 17, 85-96	39
1292	28S rDNA evolution in the Eumalacostraca and the phylogenetic position of krill. 2000 , 17, 26-36	55
1291	Phylogenetic analysis of the repleta species group of the genus <i>Drosophila</i> using multiple sources of characters. 2000 , 16, 296-307	67
1290	The granule-bound starch synthase (GBSSI) gene in the Rosaceae: multiple loci and phylogenetic utility. 2000 , 17, 388-400	82
1289	Affinities among anostracan (Crustacea: Branchiopoda) families inferred from phylogenetic analyses of multiple gene sequences. 2000 , 17, 117-28	33
1288	Molecular evolution of cytochrome c oxidase subunit I in primates: is there coevolution between mitochondrial and nuclear genomes?. 2000 , 17, 294-304	56
1287	Phylogeography of the Caribbean rock iguana (<i>Cyclura</i>): implications for conservation and insights on the biogeographic history of the West Indies. 2000 , 17, 269-79	52

1286	The phylogenetic relationships of the shags and cormorants: can sequence data resolve a disagreement between behavior and morphology?. 2000 , 17, 345-59		46
1285	Molecular and morphological evidence for an origin of the aberrant genus <i>Milula</i> within himalayan species of <i>Allium</i> (Alliaceae). 2000 , 17, 209-18		50
1284	Phylogenetic analyses of various euglenoid taxa (euglenozoa) based on 18s rDNA sequence data. 2000 , 36, 220-226		48
1283	Phylogenetic analysis of the tribe Bovini using microsatellites. 2000 , 31, 178-85		94
1282	A novel alpha-amylase gene is transiently upregulated during low temperature exposure in apple fruit. 2000 , 267, 1313-22		13
1281	Choosing the tree which actually best explains the data: another look at the bootstrap in phylogenetic reconstruction. 2000 , 32, 273-283		4
1280	Molecular analysis of <i>Boophilus</i> spp. (Acari: Ixodidae) tick strains. 2000 , 92, 209-22		25
1279	Intérêt du séquençage nucléotidique dans l'étude de la transmission du virus de l'immunodéficience humaine (VIH). 2000 , 2000, 49-53		
1278	A study on ten short tandem repeat systems: African immigrant and Spanish population data. 2000 , 110, 167-77		10
1277	Some statistical methods for phylogenetic trees with application to HIV disease. 2000 , 32, 69-81		21
1276	Multiple origins of eusociality among sponge-dwelling shrimps (<i>Synalpheus</i>). <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 503-16	3.8	94
1275	Evolution of gall morphology and host-plant relationships in willow-feeding sawflies (Hymenoptera: Tenthredinidae). <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 526-33	3.8	110
1274	Restricted gene flow and incipient speciation in disjunct Pacific Ocean and Sea of Cortez populations of a reef fish species, <i>Girella nigricans</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 652-9	3.8	63
1273	Evolution of poecilogony and the biogeography of North American populations of the polychaete <i>Streblospio</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 1247-59	3.8	66
1272	Evolution and biogeography of the woody Hawaiian violets (<i>Viola</i> , Violaceae): arctic origins, herbaceous ancestry and bird dispersal. <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 1521-32	3.8	92
1271	Expression of cytoplasmic incompatibility in <i>Drosophila simulans</i> and its impact on infection frequencies and distribution of <i>Wolbachia pipiensis</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 1661-72	3.8	99
1270	Phylogeography of the jumping spider <i>Habronattus pugillis</i> (Araneae: Salticidae): recent vicariance of sky island populations?. <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 1699-711	3.8	111
1269	Global phylogeography of a cryptic copepod species complex and reproductive isolation between genetically proximate "populations". <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 2014-27	3.8	243

1268	MITOCHONDRIAL DNA PHYLOGEOGRAPHY OF THE POLYTYPIC NORTH AMERICAN RAT SNAKE (ELAPHE OBSOLETA): A CRITIQUE OF THE SUBSPECIES CONCEPT. <i>Evolution; International Journal of Organic Evolution</i> , 2000 , 54, 2107-2118	3.8	430
1267	Reconstructing phylogenies from allozyme data: comparing method performance with congruence. 2000 , 70, 613-632		39
1266	Molecular phylogeny of the antitropical subgenus <i>Goniistius</i> (Perciformes: Cheilodactylidae: Cheilodactylus): evidence for multiple transequatorial divergences and non-monophyly. 2000 , 70, 435-458		1
1265	Morphological phylogenetics of termites (Isoptera). 2000 , 70, 467-513		76
1264	Phylogenetic systematics and biogeography of the poison frogs: evidence from mitochondrial DNA sequences. 2000 , 70, 515-540		49
1263	Toward the phylogeny of the family Lacertidae-Why 4708 base pairs of mtDNA sequences cannot draw the picture. 2000 , 71, 203-217		1
1262	Evolutionary radiation of an inbreeding haplodiploid beetle lineage (Curculionidae, Scolytinae). 2000 , 71, 483-499		65
1261	Phylogenetic relationships in the iguanid lizard genus <i>Liolaemus</i> : multiple origins of viviparous reproduction and evidence for recurring Andean vicariance and dispersal. 2000 , 69, 75-102		7
1260	Polyphyly of <i>Limoniastrum</i> (Plumbaginaceae): evidence from DNA sequences of plastid <i>rbcl</i> , <i>trnL</i> intron and <i>trnL-F</i> intergene spacer. 2000 , 132, 175-191		3
1259	A plastid DNA phylogeny of the genus <i>Acacia</i> Miller (Acacieae, Leguminosae). 2000 , 132, 195-222		26
1258	A phylogenetic analysis of the tropidurine lizards (Squamata: Tropiduridae), including new characters of squamation and epidermal microstructure. 2000 , 128, 189-233		32
1257	Evolution of heteroneuran Lepidoptera (Insecta) and the utility of dopa decarboxylase for Cretaceous-age phylogenetics. 2000 , 130, 213-234		10
1256	Mouthpart structure of <i>Stylogymnusa subantarctica</i> Hammond, 1975 (Coleoptera: Staphylinidae: Aleocharinae) with a reanalysis of the phylogenetic position of the genus. 2000 , 130, 471-498		20
1255	A fine line between sex and unisexuality: the phylogenetic constraints on parthenogenesis in lacertid lizards. 2000 , 130, 527-549		74
1254	Phylogenetic relationships among loliginid squids (Cephalopoda: Myopsida) based on analyses of multiple data sets. 2000 , 130, 603-633		30
1253	Genetic structure in Atlantic brown trout (<i>Salmo trutta</i> L.) populations in the Iberian peninsula: evidence from mitochondrial and nuclear DNA analysis. 2000 , 117, 105-120		2
1252	The phylogeny of proteobacteria: relationships to other eubacterial phyla and eukaryotes. 2000 , 24, 367-402		219
1251	Identification of enterococci at the species level by sequencing of the genes for D-alanine:D-alanine ligases. 2000 , 23, 230-7		24

1250	Molecular diversity of <i>leuconostoc mesenteroides</i> and <i>leuconostoc citreum</i> isolated from traditional french cheeses as revealed by RAPD fingerprinting, 16S rDNA sequencing and 16S rDNA fragment amplification. 2000 , 23, 267-78	89
1249	Molecular diversity of lactic acid bacteria from cassava sour starch (Colombia). 2000 , 23, 285-91	65
1248	Divergent <i>Bradyrhizobium</i> symbionts on <i>Tachigali versicolor</i> from Barro Colorado Island, Panama. 2000 , 23, 585-90	28
1247	Taxonomic significance of fucose in the class Urediniomycetes: distribution of fucose in cell wall and phylogeny of urediniomycetous yeasts. 2000 , 23, 63-70	16
1246	The discovery of enfumafungin, a novel antifungal compound produced by an endophytic <i>Hormonema</i> species biological activity and taxonomy of the producing organisms. 2000 , 23, 333-43	94
1245	Molecular characterization and mitochondrial sequence variation in two sympatric species of <i>Proechimys</i> (Rodentia: Echimyidae) in French Guiana. 2000 , 28, 963-973	14
1244	The interrelationships of Acanthomorph fishes: A total evidence approach using molecular and morphological data. 2000 , 28, 319-350	60
1243	Molecular phylogenetic study of the tribe Trypetini (Diptera: Tephritidae), using mitochondrial 16S ribosomal DNA sequences. 2000 , 28, 501-513	25
1242	Isolation and characterization of phototrophic bacteria growing in lighted upflow anaerobic sludge blanket reactor. 2000 , 89, 396-9	21
1241	A parasitic transition from trees to herbs occurred at least twice in tribe Cystothecaceae (Erysiphaceae): evidence from nuclear ribosomal DNA. 2000 , 104, 1304-1311	52
1240	Phylogenetic relationships of <i>Phytophthora</i> species based on ribosomal ITS I DNA sequence analysis with emphasis on Waterhouse groups V and VI. 2000 , 104, 1055-1061	70
1239	Relationships of <i>Halosarpheia</i> , <i>Lignincola</i> and <i>Nais</i> inferred from partial 18S rDNA. 2000 , 104, 35-43	21
1238	Molecular systematics of <i>Craterellus</i> : cladistic analysis of nuclear LSU rDNA sequence data. 2000 , 104, 388-394	40
1237	Molecular and morphological investigation of <i>Daldinia</i> in northern Europe. 2000 , 104, 275-280	34
1236	A taxonomic revision of <i>Metarhizium</i> based on a phylogenetic analysis of rDNA sequence data. 2000 , 104, 134-150	215
1235	Mating compatibility and phylogeography in <i>Pleurotus tuberregium</i> . 2000 , 104, 732-737	26
1234	Phylogenetic position of the ciliates <i>Phacodinium</i> (Order Phacodiniida) and <i>Protocruzia</i> (Subclass Protocruziida) and systematics of the spirotrich ciliates examined by small subunit ribosomal RNA gene sequences. 2000 , 36, 293-302	63
1233	Endochitinase gene-based phylogenetic analysis of <i>Trichoderma</i> . 2000 , 155, 7-15	30

1232	Reliable amplification of actin genes facilitates deep-level phylogeny. 2000 , 155, 179-95	59
1231	Ultrastructure and 18S rDNA sequence analysis of <i>Wobblia lunata</i> gen. et sp. nov., a new heterotrophic flagellate (Stramenopiles, Incertae sedis). 2000 , 151, 41-55	34
1230	<i>Hyaloraphidium curvatum</i> is not a green alga, but a lower fungus; <i>Amoebidium parasiticum</i> is not a fungus, but a member of the DRIPs. 2000 , 151, 253-62	71
1229	Evolution of parental ITS regions of nuclear rDNA in allopolyploid <i>Aegilops</i> (Poaceae) species. 2000 , 133, 1-7	20
1228	Phylogenetic relationships in Phelloriniaceae (Basidiomycotina) based on ITS rDNA sequence analysis. 2000 , 21, 3-12	3
1227	The use of phylogenetic data to develop molecular tools for the detection and genotyping of Yam mosaic virus. Potential application in molecular epidemiology. 2000 , 90, 25-36	18
1226	Genetic evolution of GB virus C/hepatitis G virus (GBV-C/HGV) under interferon pressure. 2000 , 46, 157-70	0
1225	DMRT1 expression during gonadal differentiation and spermatogenesis in the rainbow trout, <i>Oncorhynchus mykiss</i> . 2000 , 1493, 180-7	187
1224	Effects and possible causes of an unprecedented rice blast epidemic on the traditional farming system of Bhutan. 2000 , 78, 237-248	18
1223	Comparison of ribosomal DNA sequences of <i>Lamellodiscus</i> spp. (monogenea, diplectanidae) parasitising <i>Pagellus</i> (sparidae, teleostei) in the North Mediterranean Sea: species divergence and coevolutionary interactions. 2000 , 30, 741-6	41
1222	Genetic evidence for limited dispersal in the coastal California killifish, <i>Fundulus parvipinnis</i> . 2000 , 255, 187-199	41
1221	Genetic diversity of the 'peruvianum-complex' (<i>Lycopersicon peruvianum</i> (L.) Mill. and <i>L. chilense</i> Dun.) revealed by RAPD analysis. 2000 , 116, 23-31	13
1220	Morphological and molecular analyses of the genera <i>Peltidocotyle</i> Diesing 1850 and <i>Othinosclex</i> Woodland 1933, and a morphological study of <i>Woodlandiella</i> Freze, 1965 (Eucestoda, Proteocephalidea), parasites of South American siluriform fishes (Pimelodidae). 2000 , 46, 33-43	21
1219	<i>Nomimoscolex suspectus</i> n. sp. (Eucestoda: Proteocephalidea: Zygobothriinae) with morphological and molecular phylogenetic analyses of the genus. 2000 , 47, 157-72	25
1218	An assessment of the AFLP method for investigating population structure in the red alga <i>Chondrus crispus</i> Stackhouse (Gigartinales, Florideophyceae). 2000 , 12, 25-35	30
1217	Diversity of the HIV-1 long terminal repeat following mother-to-child transmission. 2000 , 274, 402-11	18
1216	Species-specific TT viruses in humans and nonhuman primates and their phylogenetic relatedness. 2000 , 277, 368-78	59
1215	Rumen Bacterial Community Transition During Adaptation to High-grain Diet. 2000 , 6, 273-284	213

1214	Trichomonas vaginalis: characterization, expression, and phylogenetic analysis of a carbamate kinase gene sequence. 2000 , 95, 54-62	7
1213	Intratumoral genetic heterogeneity and progression of endometrioid type endometrial adenocarcinomas. 2000 , 78, 152-7	24
1212	The phylogenetic affinities of Otavipithecus namibiensis. 2000 , 38, 537-73	26
1211	Sequence diversity of the plasmid replication gene repC in the Rhizobiaceae. 2000 , 44, 209-19	27
1210	Guanarito virus (Arenaviridae) isolates from endemic and outlying localities in Venezuela: sequence comparisons among and within strains isolated from Venezuelan hemorrhagic fever patients and rodents. 2000 , 266, 189-95	54
1209	Molecular Phylogenetics of Bromeliaceae: Evidence from trnL(UAA) Intron Sequences of the Chloroplast Genome. 2000 , 2, 306-315	80
1208	Evaluation of Morphological Variation in the Lichen Diploschistes ocellatus (Ascomycota, Ostropales): Evidence from Nuclear rDNA ITS Sequence Data. 2000 , 2, 571-578	8
1207	Evolution of Filamentous Ascomycetes Inferred from LSU rDNA Sequence Data. 2000 , 2, 525-529	37
1206	Comparative protein structure modeling of genes and genomes. 2000 , 29, 291-325	2439
1205	Relationships between the extant Anomalodesmata: a cladistic test. 2000 , 177, 129-143	8
1204	Molecular phylogeny and radiation time of Erysiphales inferred from the nuclear ribosomal DNA sequences. 2000 , 41, 437-447	43
1203	Isolation and characterization of two entomopathogenic fungi attacking Diaphorina citri (Homoptera, Psylloidea) in Indonesia. 2000 , 41, 509-513	44
1202	Four new species of the genus Sporobolomyces isolated from leaves in Thailand. 2000 , 41, 357-369	38
1201	Allelic variation of the dopamine receptor D4 gene polymorphic region in gibbons. 2000 , 41, 383-392	7
1200	Molecular reexamination of Korean Umbelliferae based on internal transcribed spacer sequences of rDNA: Ligusticum tenuissimum (Nakai) Kitagawa and Libanotis coreana (Wolff) Kitagawa. 2000 , 43, 128-135	5
1199	Molecular phylogeny of the Chironomus genus deduced from nucleotide sequences of two nuclear genes, ssp 160 and the globin 2b gene. 2000 , 34, 606-612	8
1198	Genetic evidence supports the new Anatolian lupine accession, Lupinus anatolicus, as an old world â€˜bough-seededâ€™ lupine (section Scabrispermae) related to L. pilosus. 2000 , 35, 83-95	7
1197	Genetic variability within the Aspergillus viridinutans species. 2000 , 45, 423-8	21

1196	The current status of the New World monkey phylogeny. 2000 , 72, 165-72	77
1195	Characterization of <i>Biomphalaria orbignyi</i> , <i>Biomphalaria peregrina</i> and <i>Biomphalaria oligoza</i> by polymerase chain reaction and restriction enzyme digestion of the internal transcribed spacer region of the RNA ribosomal gene. 2000 , 95, 807-14	12
1194	Phylogeny of <i>Calostoma</i> , the gelatinous-stalked puffball, based on nuclear and mitochondrial ribosomal DNA sequences. 2000 , 92, 94-104	14
1193	Phylogenetic analysis of the vertebrate glycoprotein hormone family including new sequences of sturgeon (<i>Acipenser baeri</i>) beta subunits of the two gonadotropins and the thyroid-stimulating hormone. 2000 , 63, 222-8	104
1192	PHYLOGENETIC AND BIOGEOGRAPHICAL HISTORY OF THE GENUS <i>ISHIZAKIELLA</i> (OSTRACODA) INFERRED FROM MITOCHONDRIAL COI GENE SEQUENCES. 2000 , 20, 357-384	3
1191	Taxonomy and Phylogeny of Termites. 2000 , 1-23	71
1190	Riding the Ice Age El Nino? Pacific biogeography and evolution of <i>Metrosideros</i> subg. <i>Metrosideros</i> (Myrtaceae) inferred from nuclear ribosomal DNA. 2000 , 97, 4118-23	92
1189	Conservation of Mhc class III region synteny between zebrafish and human as determined by radiation hybrid mapping. 2000 , 165, 6984-93	28
1188	Complete sequence of the 24-mer hemocyanin of the tarantula <i>Eurypelma californicum</i> . Structure and intramolecular evolution of the subunits. 2000 , 275, 39339-44	54
1187	Evolution of the recombination signal sequences in the Ig heavy-chain variable region locus of mammals. 2000 , 97, 11415-20	24
1186	Molecular evolutionary analysis of the complete nucleotide sequence of hepatitis B virus (HBV) in a case of HBV infection acquired through a needlestick accident. 2000 , 31, 1195-201	12
1185	KIR2DL5, a novel killer-cell receptor with a D0-D2 configuration of Ig-like domains. 2000 , 164, 5797-804	88
1184	Identification, functional characterization, and regulation of a new cytochrome P450 subfamily, the CYP2Ns. 2000 , 275, 2312-21	48
1183	How reliable are human phylogenetic hypotheses?. 2000 , 97, 5003-6	182
1182	<i>Caenorhabditis elegans</i> contains a third polo-like kinase gene. 2000 , 11, 327-34	15
1181	PHYLOGENETIC RELATIONSHIPS AMONG NASSARIID GASTROPODS. 2000 , 74, 839-852	20
1180	Cytochrome b Sequence Variation in the Crystal Darter <i>Crystallaria asprella</i> (Actinopterygii: Percidae). 2000 , 2000, 20-26	11
1179	Evolutionary relationships among the Schistosomatidae (Platyhelminthes: Digenea) and an Asian origin for <i>Schistosoma</i> . 2000 , 86, 283-8	88

1178	Phylogenetic Relationships of Esocoid Fishes (Teleostei) Based on Partial Cytochrome b and 16S Mitochondrial DNA Sequences. 2000 , 2000, 420-431	14
1177	Controversy and Consensus in Asteroid Systematics: New Insights to Ordinal and Familial Relationships1. 2000 , 40, 382-392	19
1176	Nucleotide sequences and phylogeny of the nucleocapsid gene of Oropouche virus. 2000 , 81, 743-8	53
1175	Amino acid-based phylogeny and alignment. 2000 , 54, 99-135	4
1174	Discovery of a New Species of <i>Luperosaurus</i> (Squamata; Gekkonidae) from Sulawesi, with a Phylogenetic Analysis of the Genus, and Comments on the Status of <i>Luperosaurus serraticaudus</i> . 2000 , 2000, 191-209	15
1173	THE SYSTEMATICS OF POSTIBULLINID EDRIOASTEROIDS. 2000 , 74, 72-83	21
1172	Phylogenetic analysis of the three polymerase genes (PB1, PB2 and PA) of influenza B virus. 2000 , 81, 929-37	23
1171	Emerging genetic diversity of HIV-1 in South America. 2000 , 14, 1785-91	37
1170	Evolution of genes and taxa: a primer. 2000 , 1-23	4
1169	THE EMERGING STATISTICAL PERSPECTIVE IN SYSTEMATICS: A COMMENT ON MARES AND BRAUN. 2000 , 81, 260-270	5
1168	Independent and combined analyses of sequences from all three genomic compartments converge on the root of flowering plant phylogeny. 2000 , 97, 13166-71	175
1167	Controversy and Consensus in Asteroid Systematics: New Insights to Ordinal and Familial Relationships. 2000 , 40, 382-392	30
1166	Identification and characterization of a beta proteasome subunit cluster in the Japanese pufferfish (<i>Fugu rubripes</i>). 2000 , 165, 4446-52	32
1165	Ecological, physiological, and biomolecular surveys on microalgae from Ross Sea (Antarctica). 2000 , 67, 147-156	15
1164	Soft-tissue characters in higher primate phylogenetics. 2000 , 97, 11130-2	70
1163	Evolution of a Ureagenic Ability of Japanese <i>Mugilogobius</i> Species (Pisces: Gobiidae). 2000 , 17, 549-557	5
1162	PHYLOGENY OF THE THORACICAN BARNACLES BASED ON 18S rDNA SEQUENCES. 2000 , 20, 393-398	24
1161	Genetic Divergence of Japanese Turbellarians, Studied by Comparisons of Partial 18S rRNA Gene Sequences. I. On Representatives of Dendrocoelidae (Platyhelminthes: Tricladida: Paludicola). 2000 , 17, 491-496	1

1160	Phylogenetic Relationships among East Asian Species of <i>Crocidura</i> (Mammalia, Insectivora) Inferred from Mitochondrial Cytochrome b Gene Sequences. 2000 , 17, 497-504	
1159	Mamu-I: a novel primate MHC class I B-related locus with unusually low variability. 2000 , 164, 1386-98	57
1158	Mitochondrial DNA Variation in Pupfishes Assigned to the Species <i>Cyprinodon macularius</i> (Atherinomorpha: Cyprinodontidae): Taxonomic Implications and Conservation Genetics. 2000 , 2000, 353-364	12
1157	Prodigious polyphyly in imperilled freshwater pearly-mussels (Bivalvia: Unionidae): a phylogenetic test of species and generic designations. 2000 , 177, 145-158	8
1156	Phylogenetic Relationships among Six Flying Squirrel Genera Inferred from Mitochondrial Cytochrome b Gene Sequences. 2000 , 17, 485-489	1
1155	Phylogenetic Relationships of the Family Agamidae (Reptilia: Iguania) Inferred from Mitochondrial DNA Sequences. 2000 , 17, 527-537	4
1154	Two differentially regulated class II chitinases from parsley. 2000 , 381, 667-78	8
1153	MHC class II pseudogene and genomic signature of a 32-kb cosmid in the house finch (<i>Carpodacus mexicanus</i>). 2000 , 10, 613-23	60
1152	Postsymbiotic plasmid acquisition and evolution of the repA1-replicon in <i>Buchnera aphidicola</i> . 2000 , 97, 10855-60	41
1151	A distinctive clade B HIV type 1 is heterosexually transmitted in Trinidad and Tobago. 2000 , 97, 10532-7	51
1150	The sequence of a gastropod hemocyanin (HtH1 from <i>Haliotis tuberculata</i>). 2000 , 275, 5675-81	68
1149	Domain analysis of an archaeal RadA protein for the strand exchange activity. 2000 , 275, 33791-7	24
1148	Molecular cloning of cDNA encoding alpha-N-acetylgalactosaminidase from <i>Acremonium</i> sp. and its expression in yeast. 2000 , 384, 305-10	17
1147	cDNA cloning and expression of a C-terminus motor kinesin-like protein KLP-17, involved in chromosomal movement in <i>Caenorhabditis elegans</i> . 2000 , 267, 643-50	4
1146	TUBA8: A new tissue-specific isoform of alpha-tubulin that is highly conserved in human and mouse. 2000 , 270, 1111-8	51
1145	A sequence-specific RNA binding complex expressed in murine germ cells contains MSY2 and MSY4. 2000 , 221, 87-100	62
1144	Pax1/Pax9-Related genes in an agnathan vertebrate, <i>Lampetra japonica</i> : expression pattern of LjPax9 implies sequential evolutionary events toward the gnathostome body plan. 2000 , 223, 399-410	61
1143	Phylogenetic analysis of <i>Aspergillus</i> section <i>Circumdati</i> based on sequences of the internal transcribed spacer regions and the 5.8 S rRNA gene. 2000 , 30, 71-80	39

1142	Application of bootstrap techniques to physical mapping. 2000 , 69, 235-41	2
1141	Complete sequence of the mitochondrial genome of <i>Tetrahymena pyriformis</i> and comparison with <i>Paramecium aurelia</i> mitochondrial DNA. 2000 , 297, 365-80	94
1140	Identification of target amino acids that affect interactions of fungal polygalacturonases and their plant inhibitors. 2000 , 56, 117-130	104
1139	Microsporidia: accumulating molecular evidence that a group of amitochondriate and suspectedly primitive eukaryotes are just curious fungi. 2000 , 246, 1-8	175
1138	Identification of mammalian-like purple acid phosphatases in a wide range of plants. 2000 , 250, 117-25	125
1137	Cloning, expression analysis, and chromosomal mapping of GTPBP2, a novel member of the G protein family. 2000 , 256, 51-8	9
1136	Molecular cloning of an Atlantic salmon nucleoside diphosphate kinase cDNA and its pattern of expression during embryogenesis. 2000 , 257, 139-48	18
1135	Identification of two catalytic subunits of tRNA splicing endonuclease from <i>Arabidopsis thaliana</i> . 2000 , 257, 177-85	12
1134	Characterization of a ubiquitous expressed gene family encoding polygalacturonase in <i>Arabidopsis thaliana</i> . 2000 , 242, 427-36	88
1133	Genetic relationships within <i>Rhododendron</i> L. section <i>Pentanthera</i> G. Don based on sequences of the internal transcribed spacer (ITS) region. 2000 , 85, 123-135	12
1132	An accessory open reading frame (orf-x) of jaagsiekte sheep retrovirus is conserved between different virus isolates. 2000 , 66, 109-16	36
1131	Characterisation of PCV-2 isolates from Spain, Germany and France. 2000 , 66, 65-77	146
1130	What the evolution of the amyloid protein precursor supergene family tells us about its function. 2000 , 36, 175-84	157
1129	Molecular characterization of environmental mycobacterium strains by PCR-restriction fragment length polymorphism of hsp65 and by sequencing of hsp65, and of 16S and ITS1 rDNA. 2000 , 151, 629-38	23
1128	Recent progress in reconstructing angiosperm phylogeny. 2000 , 5, 330-6	56
1127	Phylogenetic analysis of <i>Phlebotomus</i> species belonging to the subgenus <i>Larrousius</i> (Diptera, psychodidae) by ITS2 rDNA sequences. 2000 , 30, 387-93	47
1126	Rapid evolution of NK cell receptor systems demonstrated by comparison of chimpanzees and humans. 2000 , 12, 687-98	253
1125	Cloning and sequencing of cDNAs encoding for a novel copper-specific metallothionein and two cadmium-inducible metallothioneins from the blue crab <i>Callinectes sapidus</i> . 2000 , 125, 325-32	20

1124	Phylogenetic relationships in the Ranidae. Independent origin of direct development in the genera <i>Philautus</i> and <i>Taylorana</i> . 2000 , 323, 287-97	18
1123	Phylogenetic analysis of mitochondrial LSU rRNA in oniscids. 2000 , 323, 827-37	27
1122	Extensive gene flow within sibling species in the deep-sea fish <i>Beryx splendens</i> . 2000 , 323, 315-25	22
1121	Intraspecific variability in <i>Peniophora aurantiaca</i> (Basidiomycetes). 2000 , 20, 713-716	2
1120	Phylogeny of epiphytic <i>Huperzia</i> (Lycopodiaceae): paleotropical and neotropical clades corroborated by rbcL sequences. 2000 , 20, 165-171	35
1119	Divergence of the Cytochrome b Gene in the <i>Lacerta raddei</i> Complex and Its Parthenogenetic Daughter Species: Evidence for Recent Multiple Origins. 2000 , 2000, 432-440	42
1118	ELUCIDATION OF THE PHYLOGENETIC RELATIONSHIP OF THREE THECOSTRACANS, <i>VERRUCA</i> , <i>PARALEPAS</i> , AND <i>DENDROGASTER</i> BASED ON 18S rDNA SEQUENCE. 2000 , 20, 385-392	9
1117	Comparative molecular phylogeography of North American softshell turtles (<i>Apalone</i>): implications for regional and wide-scale historical evolutionary forces. 2000 , 14, 152-64	62
1116	The expression of nonchordate deuterostome Brachyury genes in the ascidian <i>Ciona</i> embryo can promote the differentiation of extra notochord cells. 2000 , 96, 155-63	20
1115	Diversity in the integrase coding domain of a gypsy-like retrotransposon among wild relatives of rice in the <i>Oryza officinalis</i> complex. 2000 , 110, 43-53	10
1114	Molecular Phylogeny and Historical Biogeography of Pacific Island Boas (<i>Candoia</i>). 2000 , 2000, 341-352	25
1113	A NEW FOSSIL PHYLLOTINE (RODENTIA: MURIDAE) FROM NORTHWESTERN ARGENTINA AND RELATIONSHIPS OF THEREITHRODONGROUP. 2000 , 81, 37-51	17
1112	CRYPTIC SPECIES IN <i>SIGMODON HISPIDUS</i> : EVIDENCE FROM DNA SEQUENCES. 2000 , 81, 332-343	46
1111	Phylogenetic relationships of <i>Hepatozoon</i> (Apicomplexa: Adeleorina) based on molecular, morphologic, and life-cycle characters. 2000 , 86, 366-72	91
1110	SYSTEMATICS OF THE EUROPEAN ENDANGERED CRAYFISH SPECIES <i>AUSTROPOTAMOBIVS PALLIPES</i> (DECAPODA: ASTACIDAE). 2000 , 20, 522-529	54
1109	Independent adaptation to riverine habitats allowed survival of ancient cetacean lineages. 2000 , 97, 11343-7	167
1108	The dynamics of endemic diversification: Molecular phylogeny suggests an explosive origin of the thiarid gastropods of Lake Tanganyika. 2000 , 31, 331-354	32
1107	CLADISTIC ANALYSIS OF DASYUROMORPHIAN (MARSUPIALIA) PHYLOGENY USING CRANIAL AND DENTAL CHARACTERS. 2000 , 81, 1008-1024	33

1106	Geographic variation of <i>granulilittorina exigua</i> (littorinidae, gastropoda) in Korea based on the mitochondrial cytochrome b gene sequence. 2000 , 4, 267-272	1
1105	Molecular Phylogeny of Poecilostome Copepods Based on the 18S rDNA Sequences. 2000 , 4, 257-261	12
1104	MOLECULAR SYSTEMATICS OF <i>DIPODOMYS ELATOR</i> (RODENTIA: HETEROMYIDAE) AND ITS PHYLOGEOGRAPHIC IMPLICATIONS. 2000 , 81, 885-894	6
1103	TAXONOMIC STATUS OF <i>PEROMYSCUS BOYLII SACARENSIS</i> : INFERENCES FROM DNA SEQUENCES OF THE MITOCHONDRIAL CYTOCHROME-B GENE. 2000 , 81, 875-884	16
1102	Genetic relationships among six Korean <i>Rana</i> species (Amphibia; Ranidae) based on the mitochondrial cytochrome b gene. 2000 , 4, 117-121	4
1101	Phylogeny and biogeography of the Chilean <i>pseudopanax laetevirens</i> . 2000 , 38, 409-414	9
1100	A molecular analysis of the systematics of three Antarctic bivalves. 2000 , 67, 127-132	10
1099	Molecular phylogeny of the Aplodactylidae (Perciformes: Cirrhitidae), a group of Southern Hemisphere marine fishes. 2000 , 34, 2173-2185	14
1098	Patterns of diversification in <i>chionohebe</i> and <i>parahebe</i> (scrophulariaceae) inferred from ITS sequences. 2000 , 38, 389-407	26
1097	Convergent adaptive radiations in Madagascan and Asian ranid frogs reveal covariation between larval and adult traits. 2000 , 97, 6585-90	281
1096	BRANCHIOPOD MONOPHYLY AND INTERORDINAL PHYLOGENY INFERRED FROM 18S RIBOSOMAL DNA. 2000 , 20, 1-24	60
1095	Genetic Divergence and Origin of Mediterranean Populations of the River Blenny <i>Salaria fluviatilis</i> (Teleostei: Blenniidae). 2000 , 2000, 723-731	17
1094	Divergence estimates of <i>tetrachondra hamiltonii</i> and <i>T. Patagonica</i> (tetrachondraceae) and their implications for austral biogeography. 2000 , 38, 587-596	20
1093	Phylogenetic analysis and experimental approaches to study color vision in vertebrates. 2000 , 315, 312-25	41
1092	The phylogenetic position of the New Zealand batfly, <i>Mystacinobia zelandica</i> (Mystacinobiidae; Oestroidea) inferred from mitochondrial 16S ribosomal DNA sequence data. 2000 , 30, 155-168	13
1091	Ultraviolet pigments in birds evolved from violet pigments by a single amino acid change. 2000 , 97, 7366-71	112
1090	Emergence of new forms of human immunodeficiency virus type 1 intersubtype recombinants in central Myanmar. 2000 , 16, 1831-43	59
1089	Phylogenetic Tree Construction Using Markov Chain Monte Carlo. 2000 , 95, 493-508	125

1088	Examination of Trichoderma phylogenies derived from ribosomal DNA sequence data. 2000 , 104, 23-34	32
1087	Trichoderma stromaticum sp. nov., a parasite of the cacao witches broom pathogen. 2000 , 104, 760-764	82
1086	Taxonomy of Antrodiella inferred from morphological and molecular data. 2000 , 104, 92-99	11
1085	Covert transmission of hepatitis C virus during bloody fisticuffs. 2000 , 119, 507-11	17
1084	Molecular identification of Trichoderma species from Russia, Siberia and the Himalaya. 2000 , 104, 1117-1125	67
1083	Phylogeny of the Peronosporomycetes (Oomycota) based on partial sequences of the large ribosomal subunit (LSU rDNA). 2000 , 104, 1295-1303	72
1082	RAPD Analysis Reveals Geographic Differentiations within Allium schoenoprasum L. (Alliaceae). 2000 , 2, 297-305	14
1081	A NEW GENUS AND SPECIES OF PHYLLOTINE RODENT FROM BOLIVIA. 2000 , 81, 18-36	36
1080	FURTHER EVIDENCE FOR INCLUSION OF THE NEW ZEALAND SHORT-TAILED BAT (MYSTACINA TUBERCULATA) WITHIN NOCTILIONOIDEA. 2000 , 81, 865-874	30
1079	ON THE PHYLOGENETIC POSITIONING OF THE SOUTH AMERICAN FRESHWATER CRAYFISH GENERA (DECAPODA: PARASTACIDAE). 2000 , 20, 530-540	26
1078	A PRELIMINARY PHYLOGENETIC ANALYSIS OF METAPENAEOPSIS (DECAPODA: PENAEIDAE) BASED ON MITOCHONDRIAL DNA SEQUENCES OF SELECTED SPECIES FROM THE INDO-WEST PACIFIC. 2000 , 20, 541-549	32
1077	PHYLOGENETIC RELATIONSHIPS OF PLECOTINE BATS AND ALLIES BASED ON MITOCHONDRIAL RIBOSOMAL SEQUENCES. 2001 , 82, 131-137	28
1076	MOLECULAR EVIDENCE FOR EVOLUTION OF PISCIVORY IN NOCTILIO (CHIROPTERA: NOCTILIONIDAE). 2001 , 82, 748	13
1075	Identification of two powdery mildew fungi, Oidium neolycopersici sp. nov. and O. lycopersici, infecting tomato in different parts of the world. 2001 , 105, 684-697	111
1074	Phylogeographic divergences of nuclear ITS sequences in Coprinus species sensu lato. 2001 , 105, 1519-1526	11
1073	Molecular Identification of a Sexual Interloper: The Pear Pathogen, Venturia pirina, has Sex on Apple. 2001 , 91, 633-41	19
1072	Phylogenetic and biogeographical relationships among some holarctic frog lung flukes (Digenea: Haematoloechidae). 2001 , 87, 1433-40	111
1071	EVALUATING MONOPHYLY OF NATALOIDEA (CHIROPTERA) WITH MITOCHONDRIAL DNA SEQUENCES. 2001 , 82, 320-327	27

1070	STATUS OF PROECHIMYS ROBERTI AND P. ORIS (RODENTIA: ECHIMYIDAE) FROM EASTERN AMAZONIA AND CENTRAL BRAZIL. 2001 , 82, 109-122	13
1069	Phylogeny of nuclear small subunit rRNA genes of hemogregarines amplified with specific primers. 2001 , 87, 870-6	74
1068	Molecular phylogeny: Applications and implications for marine microbiology. 2001 , 30, 375-394	10
1067	Phylogenetic Relationships of New World Needlefishes (Teleostei: Belontiidae) and the Biogeography of Transitions between Marine and Freshwater Habitats. 2001 , 2001, 324-338	68
1066	Phylogenetic Relationships within the Stingray Genus <i>Dasyatis</i> (Chondrichthyes: Dasyatidae). 2001 , 2001, 615-627	21
1065	Variability of Mexican isolates of <i>Macrophomina phaseolina</i> based on pathogenesis and AFLP genotype. 2001 , 59, 257-264	65
1064	Nucleotide sequence of the pirital virus (family Arenaviridae) small genomic segment. 2001 , 280, 1402-7	6
1063	Molecular cloning and evolution of lobster hemocyanin. 2001 , 282, 887-92	25
1062	Isolation and characterization of the genes encoding a novel oxygenase component of angular dioxygenase from the gram-positive dibenzofuran-degrader <i>Terrabacter</i> sp. strain DBF63. 2001 , 283, 195-204	75
1061	<i>Drosophila</i> mitochondrial transcription factor A: characterization of its cDNA and expression pattern during development. 2001 , 287, 474-83	31
1060	Neuroglobins from the zebrafish <i>Danio rerio</i> and the pufferfish <i>Tetraodon nigroviridis</i> . 2001 , 287, 418-21	84
1059	Analysis of the complete genome of indigenous swine hepatitis E virus isolated in Japan. 2001 , 289, 929-36	172
1058	Two <i>sox9</i> genes on duplicated zebrafish chromosomes: expression of similar transcription activators in distinct sites. 2001 , 231, 149-63	248
1057	Phylogeny of cytokines: molecular cloning and expression analysis of sea bass <i>Dicentrarchus labrax</i> interleukin-1 β . 2001 , 11, 711-26	122
1056	A cluster of three novel Ca ²⁺ channel gamma subunit genes on chromosome 19q13.4: evolution and expression profile of the gamma subunit gene family. 2001 , 71, 339-50	90
1055	The complete nucleotide sequence of a plant root-inducing (Ri) plasmid indicates its chimeric structure and evolutionary relationship between tumor-inducing (Ti) and symbiotic (Sym) plasmids in Rhizobiaceae. 2001 , 307, 771-84	90
1054	Evolution of the Rab family of small GTP-binding proteins. 2001 , 313, 889-901	626
1053	<i>Trypanosoma cruzi</i> : presence of the two major phylogenetic lineages and of several lesser discrete typing units (DTUs) in Chile and Paraguay. 2001 , 78, 127-37	33

1052	Molecular analysis of HLA allelic frequencies and haplotypes in Jordanians and comparison with other related populations. 2001 , 62, 901-9	44
1051	Cloning of the bone Gla protein gene from the teleost fish <i>Sparus aurata</i> . Evidence for overall conservation in gene organization and bone-specific expression from fish to man. 2001 , 270, 77-91	47
1050	Phylogeny and origin of 82 zygomycetes from all 54 genera of the Mucorales and Mortierellales based on combined analysis of actin and translation elongation factor EF-1alpha genes. 2001 , 270, 113-20	112
1049	Molecular evolution of the cone visual pigments in the pure rod-retina of the nocturnal gecko, <i>Gekko gekko</i> . 2001 , 276, 117-25	36
1048	Characterization of the adenosine deaminase-related growth factor (ADGF) gene family in <i>Drosophila</i> . 2001 , 280, 27-36	28
1047	Extremely reduced evolutionary rate of TATA-box binding protein in higher vertebrates and its evolutionary implications. 2001 , 280, 169-73	10
1046	Phylogenetic analysis of the polymerase genes of five equine influenza A(H3N8) viruses isolated in France between 1993 and 1999. 2001 , 1219, 259-266	
1045	Population differentiation and phylogeography of <i>Hygrophila pogonocalyx</i> based on RAPDs fingerprints. 2001 , 70, 269-280	7
1044	Phylogenetic analysis of small ruminant lentiviruses from Southern Brazil. 2001 , 79, 117-23	26
1043	Verification of bluetongue virus S9 segment nucleotide sequences. 2001 , 81, 93-101	
1042	Rose MADS-box genes â€œMASAKO BP and B3â€œhomologous to class B floral identity genes. 2001 , 161, 549-557	23
1041	Phylogenetic systematics turns over a new leaf. 2001 , 16, 30-37	223
1040	Evidence from DNA that the mysterious 'linh duong' (<i>Pseudonovibos spiralis</i>) is not a new bovid. 2001 , 324, 71-80	9
1039	A comprehensive phylogeny of the Phaeophyceae based on nrDNA sequences resolves the earliest divergences. 2001 , 324, 305-19	33
1038	<i>Pseudomonas brenneri</i> sp. nov., a new species isolated from natural mineral waters. 2001 , 152, 493-502	23
1037	Nitric oxide synthase sequences in the marine fish <i>Stenotomus chrysops</i> and the sea urchin <i>Arbacia punctulata</i> , and phylogenetic analysis of nitric oxide synthase calmodulin-binding domains. 2001 , 130, 479-91	43
1036	Characterization, amino acid sequence and evolution of edema-inducing, basic phospholipase A2 from <i>Trimeresurus flavoviridis</i> venom. 2001 , 39, 1069-76	21
1035	Bootstrapping cluster analysis: assessing the reliability of conclusions from microarray experiments. 2001 , 98, 8961-5	345

1034	A novel microbial habitat in the mid-ocean ridge seafloor. 2001 , 98, 2158-63	107
1033	Protein structure: geometry, topology and classification. 2001 , 64, 517-590	43
1032	MULTIPLE COMPARISONS OF LOG-LIKELIHOODS AND COMBINING NONNESTED MODELS WITH APPLICATIONS TO PHYLOGENETIC TREE SELECTION. 2001 , 30, 1751-1772	31
1031	Quantifying the geographic range of <i>Pinus patula</i> var <i>longipedunculata</i> in Southern Mexico using morphologic and RAPD marker data. 2001 , 192, 19-30	1
1030	Population genetic analysis of Colombian <i>Trypanosoma cruzi</i> isolates revealed by enzyme electrophoretic profiles. 2001 , 96, 31-51	1
1029	Genetic variability in Brazilian populations of <i>Biomphalaria straminea</i> complex detected by simple sequence repeat anchored polymerase chain reaction amplification. 2001 , 96, 535-44	15
1028	Geographic Distribution and Genetic Diversity of Whitewater Arroyo Virus in the Southwestern United States. 2001 , 7, 403-407	50
1027	Galactosidases with a lectin-like domain are expressed in strawberry. 2001 , 52, 1635-1645	90
1026	HIV-1 genetic diversity in Galicia Spain: BG intersubtype recombinant viruses circulating among injecting drug users. 2001 , 15, 509-16	66
1025	Comparative Protein Structure Modeling. 2001 ,	5
1024	Trypanosomatidae from wild mammals in the neotropical rainforest of French Guiana. 2001 , 95, 157-166	12
1023	Systematic analysis of DNA microarray data: ordering and interpreting patterns of gene expression. 2001 , 11, 1149-55	23
1022	Does the Lake Mungo 3 mtDNA evidence stand up to analysis?. 2001 , 36, 163-165	6
1021	Sequencing mtDNA of the cave bear <i>Ursus spelaeus</i> from the Bavarian Alps is feasible by nested and touchdown PCR. 2001 , 46, 61-68	5
1020	Relationship of the genus <i>Cordyceps</i> and related genera, based on parsimony and spectral analysis of partial 18S and 28S ribosomal gene sequences. 2001 , 42, 503-517	32
1019	<i>Surculiseries rugispora</i> gen. et sp. nov., a new endophytic mitosporic fungus from leaves of <i>Bruguiera gymnorhiza</i> . 2001 , 42, 115-122	13
1018	Phylogenetic analysis of the non-pathogenic genus <i>Spiromastix</i> (Onygenaceae) and related onygenalean taxa based on large subunit ribosomal DNA sequences. 2001 , 42, 413-421	20
1017	Use of SSR fragment length homozygotes for orangutan systematics. 2001 , 42, 35-45	4

1016	Pachyphragma and Gargia (Brassicaceae) Revisited: Molecular data indicate close relationship to Thlaspi S.Str.. 2001 , 36, 293-302	10
1015	A phylogeny inferred from large ribosomal subunit (26S) rDNA sequences suggests that Cuscuta is a derived member of Convolvulaceae. 2001 , 53, 108-115	20
1014	Chloroplast DNA variation of Panax (Araliaceae) in Nepal and its taxonomic implications. 2001 , 53, 447-453	9
1013	Systematics and evolution of ruminal species of the genus Prevotella. 2001 , 46, 40-4	14
1012	Molecular phylogeny and biogeography of North American isolates of Anaplasma marginale (Rickettsiaceae: Ehrlichieae). 2001 , 97, 65-76	94
1011	Genetic studies of the Roma (Gypsies): a review. 2001 , 2, 5	100
1010	Structure and evolution of the mitochondrial DNA complete control region in the Drosophila subobscura subgroup. 2001 , 10, 573-8	31
1009	Recurrent gains and losses of large (84-109 bp) repeats in the rDNA internal transcribed spacer 2 (ITS2) of rhipicephaline ticks. 2001 , 10, 587-96	33
1008	Prey specialization may influence patterns of gene flow in wolves of the Canadian Northwest. 2001 , 10, 2787-98	89
1007	Assessing biogeographic relationships between North American and Chinese macrofungi. 2001 , 28, 271-281	52
1006	Evolutionary change of predicted cytotoxic T cell epitopes of dengue virus. 2001 , 1, 123-30	15
1005	European Lymnaeidae (Mollusca: Gastropoda), intermediate hosts of trematodiasis, based on nuclear ribosomal DNA ITS-2 sequences. 2001 , 1, 85-107	166
1004	A mitochondrial DNA control region phylogeny of the Cervinae: speciation in Cervus and implications for conservation. 2001 , 4, 1-11	97
1003	Determining the species status of one of the world's rarest frogs: a conservation dilemma. 2001 , 4, 29-35	30
1002	Conservation genetics of the endangered Shenandoah salamander (Plethodon shenandoah, Plethodontidae). 2001 , 4, 111-119	9
1001	Phylogenetic relationships within terrestrial mites (Acari: Prostigmata, Parasitengona) inferred from comparative DNA sequence analysis of the mitochondrial cytochrome oxidase subunit I gene. 2001 , 18, 47-53	26
1000	Molecular evolution of the small subunit ribosomal DNA in woodlice (Crustacea, Isopoda, Oniscidea) and implications for Oniscidean phylogeny. 2001 , 18, 54-65	31
999	Molecular systematics and evolutionary history of kalats (genus Sheppardia): a pre-Pleistocene radiation in a group of African forest birds. 2001 , 18, 74-83	45

998	Speciation and population structure in the morphospecies <i>Lutzomyia longipalpis</i> (Lutz & Neiva) as derived from the mitochondrial ND4 gene. 2001 , 18, 84-93	61
997	The ITS-2 of the nuclear rDNA as a molecular marker for populations, species, and phylogenetic relationships in Triatominae (Hemiptera: Reduviidae), vectors of Chagas disease. 2001 , 18, 136-42	141
996	Molecular phylogenetic analysis of the dragonfly genera <i>Libellula</i> , <i>Ladona</i> , and <i>Plathemis</i> (Odonata: Libellulidae) based on mitochondrial cytochrome oxidase I and 16S rRNA sequence data. 2001 , 18, 348-61	29
995	Molecular evidence of an African Phiomorpha-South American Caviomorpha clade and support for Hystricognathi based on the complete mitochondrial genome of the cane rat (<i>Thryonomys swinderianus</i>). 2001 , 18, 127-35	37
994	Preliminary phylogeny of <i>Encarsia</i> Förster (Hymenoptera: Aphelinidae) based on morphology and 28S rDNA. 2001 , 18, 306-23	52
993	Evidence of a cenozoic Betic-Kabilian connection based on freshwater fish phylogeography (<i>Luciobarbus</i> , Cyprinidae). 2001 , 18, 252-63	150
992	Molecular systematics of Xenocyprinae (teleostei: cyprinidae): taxonomy, biogeography, and coevolution of a special group restricted in East Asia. 2001 , 18, 163-73	202
991	The Coachella valley fringe-toed lizard (<i>Uma inornata</i>): genetic diversity and phylogenetic relationships of an endangered species. 2001 , 18, 327-34	15
990	Molecular insights into species phylogeny, biogeography, and morphological stasis in the ancient spider genus <i>Hypochilus</i> (Araneae: Hypochilidae). 2001 , 18, 238-51	40
989	A combined molecular approach to phylogeny of the jumping spider subfamily dendryphantinae (araneae: salticidae). 2001 , 18, 386-403	188
988	Gene-gene concordance and the phylogenetic relationships among rare and widespread pygmy sunfishes (genus <i>Elassoma</i>). 2001 , 18, 217-26	11
987	Mitochondrial DNA-Based phylogeography of North American rubber boas, <i>Charina bottae</i> (Serpentes: Boidae). 2001 , 18, 227-37	37
986	Perception and history: molecular phylogeny of a diverse group of neotropical frogs, the 30-chromosome hyla (anura: hylidae). 2001 , 18, 370-85	42
985	Phylogenetic utility of mitochondrial COI and nuclear Gpdh genes in <i>Drosophila</i> . 2001 , 18, 404-22	49
984	The phylogenetic relationships of "predatory water-fleas" (Cladocera: Onychopoda, Haplopoda) inferred from 12S rDNA. 2001 , 19, 105-13	15
983	Phylogenetic relationships of the five extant <i>Rhinoceros</i> species (Rhinocerotidae, Perissodactyla) based on mitochondrial cytochrome b and 12S rRNA genes. 2001 , 19, 34-44	58
982	Molecular phylogeny of the lemur family cheirogaleidae (primates) based on mitochondrial DNA sequences. 2001 , 19, 45-56	54
981	On the status of the Serranid fish genus <i>Epinephelus</i> : evidence for paraphyly based upon 16S rDNA sequence. 2001 , 19, 121-30	56

980	Partial combination applied to phylogeny of European cyprinids using the mitochondrial control region. 2001 , 19, 22-33	77
979	Phylogeny of <i>Limia</i> (Teleostei: Poeciliidae) based on NADH dehydrogenase subunit 2 sequences. 2001 , 19, 277-89	31
978	Relationships among "ancient araliads" and their significance for the systematics of Apiales. 2001 , 19, 259-76	46
977	Nuclear and mtDNA phylogenies of the Trimeresurus complex: implications for the gene versus species tree debate. 2001 , 19, 57-66	23
976	Phylogenetic utility of the major opsin in bees (Hymenoptera: Apoidea): a reassessment. 2001 , 19, 76-93	46
975	Evolutionary relationships among the true vipers (Reptilia: Viperidae) inferred from mitochondrial DNA sequences. 2001 , 19, 94-104	97
974	Phylogenetic relationships within <i>Diadasia</i> , a group of specialist bees. 2001 , 19, 144-56	30
973	Phylogeny and biogeography of the genus <i>Lycium</i> (Solanaceae): inferences from chloroplast DNA sequences. 2001 , 19, 246-58	102
972	Evolution of the mitochondrial DNA control region and cytochrome b genes and the inference of phylogenetic relationships in the avian genus <i>Lophura</i> (Galliformes). 2001 , 19, 187-201	46
971	Molecular phylogeny of tubificid oligochaetes with special emphasis on <i>Tubifex tubifex</i> (Tubificidae). 2001 , 19, 216-24	82
970	Molecular phylogeny of Eastern Pacific porcelain crabs, genera <i>Petrolisthes</i> and <i>Pachycheles</i> , based on the mtDNA 16S rDNA sequence: phylogeographic and systematic implications. 2001 , 19, 236-45	76
969	New clades of euthyneuran gastropods (Mollusca) from 28S rRNA sequences. 2001 , 19, 225-35	98
968	Phylogeny and biogeography of the flowering plant genus <i>Styrax</i> (Styracaceae) based on chloroplast DNA restriction sites and DNA sequences of the internal transcribed spacer region. 2001 , 19, 387-408	74
967	Phylogeny of the Celastraceae inferred from 26S nuclear ribosomal DNA, phytochrome B, <i>rbcl</i> , <i>atpB</i> , and morphology. 2001 , 19, 353-66	77
966	Molecular analysis of phylogenetic relationships among Myrmecophytic macaranga species (Euphorbiaceae). 2001 , 19, 331-44	118
965	Historical biogeography and a mitochondrial DNA phylogeny of grouse and ptarmigan. 2001 , 20, 149-62	62
964	Phylogeny of rodentia (Mammalia) inferred from the nuclear-encoded gene IRBP. 2001 , 19, 290-301	77
963	Relationships of scincid lizards (<i>Mabuya</i> spp; Reptilia: Scincidae) from the Cape Verde islands based on mitochondrial and nuclear DNA sequences. 2001 , 19, 311-6	22

962	Phylogenetic relationships inferred from ribosomal its sequences and biogeographic patterns in representatives of the genus <i>Calopteryx</i> (Insecta: Odonata) of the West Mediterranean and adjacent West European zone. 2001 , 20, 89-99	85
961	Molecular phylogeny of the subfamilies in Geometridae (Geometroidea: Lepidoptera). 2001 , 20, 65-77	48
960	Mapping of resistance to vegetable polyphenols among <i>Aedes</i> taxa (Diptera, Culicidae) on a molecular phylogeny. 2001 , 19, 317-25	17
959	Evolution and biogeography of <i>Alectryon</i> (Sapindaceae). 2001 , 20, 14-26	22
958	Molecular phylogenetics of the sexually deceptive orchid genus <i>Ophrys</i> (Orchidaceae) based on nuclear and chloroplast DNA sequences. 2001 , 20, 78-88	82
957	Utility and evolution of cytochrome b in insects. 2001 , 20, 196-210	103
956	Molecular phylogeny and evolution of the freshwater eel, genus <i>Anguilla</i> . 2001 , 20, 450-9	80
955	Molecular phylogenetics of Australo-Papuan possums and gliders (family Petauridae). 2001 , 20, 211-24	34
954	Retrieval of four adaptive lineages in duiker antelope: evidence from mitochondrial DNA sequences and fluorescence in situ hybridization. 2001 , 20, 409-25	24
953	Re: Phylogenetic relationships in Sphingidae (Insecta: Lepidoptera): initial evidence from two nuclear genes. 2001 , 20, 311-6	17
952	Chromosomal evolution among six mosquito species (Diptera: Culicidae) based on shared restriction fragment length polymorphisms. 2001 , 20, 316-21	13
951	A phylogeny of freshwater eels inferred from mitochondrial genes. 2001 , 20, 252-61	42
950	Molecular phylogeny of the chipmunks inferred from Mitochondrial cytochrome b and cytochrome oxidase II gene sequences. 2001 , 20, 335-50	67
949	Molecular systematics of the family Mormoopidae (Chiroptera) based on cytochrome b and recombination activating gene 2 sequences. 2001 , 20, 426-36	36
948	Classification and phylogenetic relationships of African tilapiine fishes inferred from mitochondrial DNA sequences. 2001 , 20, 361-74	62
947	Phylogenetic relationships among higher Nemertean (Nemertea) Taxa inferred from 18S rDNA sequences. 2001 , 20, 327-34	54
946	Examining monophyly in a large radiation of Madagascan butterflies (Lepidoptera: Satyrinae: Mycalesina) based on mitochondrial DNA data. 2001 , 20, 460-73	30
945	Molecular phylogeny and biogeography of West Indian toads (Anura: Bufonidae). 2001 , 20, 294-301	16

944	Phylogenetic relationships of the Cochliopinae (Rissooidea: Hydrobiidae): an enigmatic group of aquatic gastropods. 2001 , 21, 17-25	27
943	Phylogenetics of Planipapillus, lawn-headed onychophorans of the Australian Alps, based on nuclear and mitochondrial gene sequences. 2001 , 21, 103-16	32
942	Molecular phylogenies of fig wasps: partial cocladogenesis of pollinators and parasites. 2001 , 21, 55-71	98
941	The evolution of nuclear receptors: evidence from the coral Acropora. 2001 , 21, 93-102	44
940	Phylogenetic relationships within the cyst-forming nematodes (Nematoda, Heteroderidae) based on analysis of sequences from the ITS regions of ribosomal DNA. 2001 , 21, 1-16	147
939	Molecular evolution of viral fusion and matrix protein genes and phylogenetic relationships among the Paramyxoviridae. 2001 , 21, 128-34	15
938	Evolution of East Asian ninespine sticklebacks as shown by mitochondrial DNA control region sequences. 2001 , 21, 135-55	45
937	Molecular diversity and physical mapping of 5S rDNA in wild and cultivated oat grasses (Poaceae: Aveneae). 2001 , 21, 198-217	50
936	Phylogeny of Alariaceae, Laminariaceae, and Lessoniaceae (Phaeophyceae) based on plastid-encoded RuBisCo spacer and nuclear-encoded ITS sequence comparisons. 2001 , 21, 231-43	92
935	Molecular systematics of the western rattlesnake, <i>Crotalus viridis</i> (Viperidae), with comments on the utility of the D-loop in phylogenetic studies of snakes. 2001 , 21, 176-89	91
934	A total-evidence phylogeny of ticks provides insights into the evolution of life cycles and biogeography. 2001 , 21, 244-58	82
933	Molecular systematics of <i>Selene</i> (Perciformes: Carangidae) based on cytochrome B sequences. 2001 , 21, 468-75	16
932	Molecular systematics and evolution of <i>Regina</i> and the thamnophiine snakes. 2001 , 21, 408-23	75
931	Molecular phylogeny of <i>Larrea</i> and its allies (Zygophyllaceae): reticulate evolution and the probable time of creosote bush arrival to North America. 2001 , 21, 309-20	61
930	Variation in the nrDNA ITS of <i>Pinus</i> subsection <i>Cembroides</i> : implications for molecular systematic studies of pine species complexes. 2001 , 21, 449-67	69
929	MtDNA sequences support monophyly of <i>Hemispingus</i> tanagers. 2001 , 21, 424-35	26
928	Out of Asia: mitochondrial DNA evidence for an Oriental origin of tiger frogs, genus <i>Hoplobatrachus</i> . 2001 , 21, 398-407	79
927	NUCLEAR INTRON SEQUENCES FOR PHYLOGENETICS OF CLOSELY RELATED MAMMALS: AN EXAMPLE USING THE PHYLOGENY OF MUS. 2001 , 82, 280-288	26

926	A TEST OF THE GENETIC SPECIES CONCEPT: CYTOCHROME-bSEQUENCES AND MAMMALS. 2001 , 82, 960-973	430
925	Bacterial Diversity within Feedlot Manure. 2001 , 7, 59-66	27
924	Analysis of the Rumen Bacterial Diversity under two Different Diet Conditions using Denaturing Gradient Gel Electrophoresis, Random Sequencing, and Statistical Ecology Approaches. 2001 , 7, 119-134	165
923	Homoplasy and the early hominid masticatory system: inferences from analyses of extant hominoids and papionins. 2001 , 41, 167-94	61
922	Molecular characterization of the klebicin B plasmid of <i>Klebsiella pneumoniae</i> . 2001 , 45, 209-21	41
921	Nucleotide polymorphism in microcin V plasmids. 2001 , 46, 1-9	8
920	Genetic variation in the 3' non-coding region of dengue viruses. 2001 , 281, 75-87	100
919	Allpahuayo virus: a newly recognized arenavirus (arenaviridae) from arboreal rice rats (<i>oecomys bicolor</i> and <i>oecomys paricola</i>) in northeastern peru. 2001 , 284, 277-86	32
918	Extreme genetic diversity among Pirital virus (Arenaviridae) isolates from western Venezuela. 2001 , 285, 110-8	20
917	The AG recombinant IbNG and novel strains of group M HIV-1 are common in Cameroon. 2001 , 286, 168-81	72
916	Evidence for the presence of two novel pestivirus species. 2001 , 286, 456-65	98
915	Quasispecies heterogeneity of the carboxy-terminal part of the E2 gene including the PePHD and sensitivity of hepatitis C virus 1b isolates to antiviral therapy. 2001 , 289, 150-63	37
914	Heterogeneous distribution of TT virus of distinct genotypes in multiple tissues from infected humans. 2001 , 288, 358-68	91
913	Analysis of genetic diversity in <i>Agave tequilana</i> var. Azul using RAPD markers. 2001 , 119, 335-341	56
912	Effects of RNA editing on the <i>cox1</i> evolution and phylogeny reconstruction. 2001 , 118, 9-18	14
911	The genus <i>Schevoder</i> Borchmann: Phylogeny and historical biogeography, with description of a new species (Coleoptera: Tenebrionidae: Lagriinae). 2001 , 35, 3-27	
910	Phylogenetic Analyses of Aurantioideae (Rutaceae) Based on Non-Coding Plastid DNA Sequences and Phytochemical Features. 2001 , 3, 77-87	54
909	Secondary Structure of the ITS1 Transcript and its Application in a Reconstruction of the Phylogeny of Boraginales. 2001 , 3, 629-636	107

908	The utility of chemical signals as phylogenetic characters: an example from the Felidae. 2001 , 72, 1-15	29
907	Origin and evolution of the endemic Macaronesian Inuleae (Asteraceae): evidence from the internal transcribed spacers of nuclear ribosomal DNA. 2001 , 72, 77-97	29
906	Nucleotide sequence differences reveal genetic variation in <i>Neotricula aperta</i> (Gastropoda: Pomatiopsidae), the snail host of schistosomiasis in the lower Mekong Basin. 2001 , 73, 23-41	22
905	Patterns of genetic variation in Pacific island land snails: the distribution of cytochrome b lineages among Society Island <i>Partula</i> . 2001 , 73, 131-138	21
904	The evolutionary history of krill inferred from nuclear large subunit rDNA sequence analysis. 2001 , 73, 199-212	13
903	Genetic and morphological evidence for reproductive isolation between sympatric populations of <i>Galaxias</i> (Teleostei: Galaxiidae) in South Island, New Zealand. 2001 , 73, 287-298	33
902	Phylogenetic relationships and remarkable radiation in <i>Parartemia</i> (Crustacea: Anostraca), the endemic brine shrimp of Australia: evidence from mitochondrial DNA sequences. 2001 , 74, 59-71	19
901	Phylogenetics of gall-inducing thrips on Australian <i>Acacia</i> . 2001 , 74, 73-86	22
900	Simultaneous analysis of 16S, 28S, COI and morphology in the Hymenoptera: Apocrita - evolutionary transitions among parasitic wasps. 2001 , 74, 87-111	75
899	A phylogenetic analysis of variation in reproductive mode within an Australian lizard (<i>Saiphos equalis</i> , Scincidae). 2001 , 74, 131-139	36
898	A phylogenetic analysis of the monogenomic Triticeae (Poaceae) based on morphology. 2001 , 136, 75-97	35
897	Historical biogeography of <i>Androcymbium</i> Willd. (Colchicaceae) in Africa: evidence from cpDNA RFLPs. 2001 , 136, 379-392	32
896	A phylogenetic analysis of the Schisandraceae based on morphology and nuclear ribosomal ITS sequences. 2001 , 135, 401-411	23
895	Phylogenetic relationships among the Malagasy lemuriforms (Primates: Strepsirrhini) as indicated by mitochondrial sequence data from the 12S rRNA gene. 2001 , 133, 83-103	28
894	The phylogenetic relationships of argyrolagid marsupials. 2001 , 131, 481-496	27
893	Monophyly and affinities of albanerpetontid amphibians (Temnospondyli; Lissamphibia). 2001 , 131, 309-352	33
892	Avian louse phylogeny (Phthiraptera: Ischnocera): a cladistic study based on morphology. 2001 , 132, 81-144	32
891	Phylogenetic relationships of sponges with placochelae or related spicules (Poecilosclerida, Guitarridae) with a systematic revision. 2001 , 132, 411-428	4

890	A phylogenetic analysis of Myriapoda (Arthropoda) using two nuclear protein-encoding genes. 2001 , 132, 469-486		29
889	An endemic radiation of Malagasy songbirds is revealed by mitochondrial DNA sequence data. <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 1198-206	3.8	71
888	Phylogeography of the New Zealand cicada <i>Maoricicada campbelli</i> based on mitochondrial DNA sequences: ancient clades associated with cenozoic environmental change. <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 1395-407	3.8	89
887	Evolution of myrmecophytism in western Malesian <i>Macaranga</i> (Euphorbiaceae). <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 1542-59	3.8	65
886	Trends in the evolution of the euglenid pellicle. <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 2215-35	3.8	46
885	How lizards turn into snakes: a phylogenetic analysis of body-form evolution in anguid lizards. <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 2303-18	3.8	161
884	A single ancient origin of brood parasitism in African finches: implications for host-parasite coevolution. <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 2550-67	3.8	83
883	Genes meet geology: fish phylogeographic pattern reflects ancient, rather than modern, drainage connections. <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 1844-51	3.8	145
882	Molecular biogeography of cave life: a study using mitochondrial DNA from bathysciine beetles. <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 122-30	3.8	91
881	Phylogeography of the tailed frog (<i>Ascaphus truei</i>): implications for the biogeography of the Pacific Northwest. <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 147-60	3.8	128
880	Phylogeography of the plains killifish, <i>Fundulus zebrinus</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2001 , 55, 339-50	3.8	28
879	Molecular cloning, expression and evolution of the Japanese flounder goose-type lysozyme gene, and the lytic activity of its recombinant protein. 2001 , 1520, 35-44		108
878	Molecular phylogenetics: state-of-the-art methods for looking into the past. 2001 , 17, 262-72		311
877	Phylogenetic relationships within the polyopisthocotylean monogeneans (Platyhelminthes) inferred from partial 28S rDNA sequences. 2001 , 31, 393-401		103
876	Origin and evolution of African <i>Polystoma</i> (Monogenea: Polystomatidae) assessed by molecular methods. 2001 , 31, 697-705		36
875	Molecular evolution of <i>Mycobacterium tuberculosis</i> : phylogenetic reconstruction of clonal expansion. 2001 , 81, 291-302		23
874	<i>Gordonia namibiensis</i> sp. nov., a novel nitrile metabolising actinomycete recovered from an African sand. 2001 , 24, 510-5		27
873	Phylogenetic positions of <i>Urorychia transfuga</i> and <i>Diophrys appendiculata</i> (Euplotida, Hypotrichia, Ciliophora) within hypotrichous ciliates inferred from the small subunit ribosomal RNA gene sequences. 2001 , 37, 291-301		19

872	Character evolution in heterotrophic euglenids. 2001 , 37, 337-356	60
871	A phylogenetic analysis of the SSU rRNA from members of the Plasmodiophorida and Phagomyxida. 2001 , 152, 43-51	68
870	RAPD-PCR analysis of the genetic origin of sea beet (<i>Beta vulgaris</i> ssp. <i>maritima</i>) at Germany's Baltic Sea coast. 2001 , 2, 341-349	11
869	Revisiting recent challenges to the ancient fish-specific genome duplication hypothesis. 2001 , 11, R1005-8	46
868	Genotypic variability in subarctic Atlantic planktic foraminifera. 2001 , 43, 143-153	45
867	Chitin synthase 1 (Chs1) gene sequences of <i>Microsporium equinum</i> and <i>Trichophyton equinum</i> . 2001 , 78, 85-90	12
866	Major lineages of Dothideomycetes (Ascomycota) inferred from SSU and LSU rDNA sequences. 2001 , 105, 901-908	65
865	Phylogenetic structure of the genus <i>Leveillula</i> (Erysiphales: Erysiphaceae) inferred from the nucleotide sequences of the rDNA ITS region with special reference to the <i>L. taurica</i> species complex. 2001 , 105, 909-918	41
864	Molecular studies on intraspecific diversity and phylogenetic position of <i>Coniothyrium minitans</i> . 2001 , 105, 1065-1074	20
863	Phylogenetic analysis of nuclear and mitochondrial rDNA sequences supports the view that loculoascomycetes (Ascomycota) are not monophyletic. 2001 , 105, 1176-1181	45
862	Molecular data support the Laboulbeniales as a separate class of Ascomycota, Laboulbeniomycetes. 2001 , 105, 1182-1190	37
861	Ectomycorrhizas and molecular phylogeny of the hypogeous russuloid fungus <i>Arcangeliella borziana</i> . 2001 , 105, 1231-1238	16
860	Estimation and management of genetic diversity in small populations of plains zebra (<i>Equus quagga</i>) in KwaZulu-Natal, South Africa. 2001 , 29, 563-583	34
859	Phylogenetic relationships among four species of Mullidae (Perciformes) inferred from DNA sequences of mitochondrial cytochrome b and 16S rRNA genes. 2001 , 29, 901-909	17
858	Microbial community analysis in the denitrification process of saline-wastewater by denaturing gradient gel electrophoresis of PCR-amplified 16S rDNA and the cultivation method. 2001 , 92, 346-353	31
857	Molecular systematics supports the recognition of an additional order of Ascomycota: the Agryales. 2001 , 105, 16-23	30
856	Intragenic phylogeny of <i>Collybia</i> s. str. based on sequences of ribosomal ITS and LSU regions. 2001 , 105, 164-172	25
855	Common nuclear ribosomal internal transcribed spacer sequences occur in the sibling species <i>Ophiostoma piceae</i> and <i>O. quercus</i> . 2001 , 105, 331-337	12

854	ITS sequence data suggest variability of ascus types and support ontogenetic characters as phylogenetic discriminators in the Agyriales (Ascomycota). 2001 , 105, 265-274	29
853	Phylogenetic relationships in Auriculariales and related groupsâHypotheses derived from nuclear ribosomal DNA sequences. 2001 , 105, 403-415	130
852	Characterisation of a xylanase gene from <i>Cochliobolus sativus</i> and its expression. 2001 , 105, 352-359	16
851	DNA studies in the <i>Galerina marginata</i> complex. 2001 , 105, 432-440	17
850	An hydroxynaphtalene reductase gene from the wood-staining fungus <i>Ophiostoma floccosum</i> complements the buff phenotype in <i>Magnaporthe grisea</i> . 2001 , 105, 461-469	12
849	Natural groups and a revised system for the European poroid Hymenochaetales (Basidiomycota) supported by nLSU rDNA sequence data. 2001 , 105, 773-782	102
848	ITS and β -tubulin phylogeny of <i>Phaeoacremonium</i> and <i>Phaeomoniella</i> species. 2001 , 105, 651-657	63
847	<i>Pseudotulostoma</i> , a remarkable new volvate genus in the Elaphomycetaceae from Guyana. 2001 , 105, 1268-1272	31
846	Old World sources of the first New World human inhabitants: a comparative craniofacial view. 2001 , 98, 10017-22	91
845	Identification of an ATP-binding cassette transporter for export of the O-antigen across the inner membrane in <i>Rhizobium etli</i> based on the genetic, functional, and structural analysis of an <i>lps</i> mutant deficient in O-antigen. 2001 , 276, 17190-8	14
844	Comparison of chimpanzee and human leukocyte Ig-like receptor genes reveals framework and rapidly evolving genes. 2001 , 167, 5786-94	45
843	Phylogenetic Analysis of the Horned Lizards (Phrynosomatidae:Phrynosoma): Evidence from Mitochondrial DNA and Morphology. 2001 , 2001, 309-323	19
842	MOLECULAR PHYLOGENETICS OF THE NEOTOMA ALBIGULA SPECIES GROUP: FURTHER EVIDENCE OF A PARAPHYLETIC ASSEMBLAGE. 2001 , 82, 267-279	31
841	Phylogenetic Relationships among Populations of Northern Swordtails (<i>Xiphophorus</i>) as Inferred from Allozyme Data. 2001 , 2001, 65-81	26
840	On the origin of and phylogenetic relationships among living amphibians. 2001 , 98, 7380-3	94
839	Cluster analysis of human and animal pathogenic <i>Microsporum</i> species and their teleomorphic states, <i>Arthroderma</i> species, based on the DNA sequences of nuclear ribosomal internal transcribed spacer 1. 2001 , 45, 209-16	18
838	Diversity among strains of <i>Cryptococcus neoformans</i> var. <i>gattii</i> as revealed by a sequence analysis of multiple genes and a chemotype analysis of capsular polysaccharide. 2001 , 45, 757-68	38
837	Genetic variation within and among three Indian breeds of goat using heterologous microsatellite markers. 2001 , 12, 121-36	27

836	The genetic diversity of clinical isolates of <i>Malassezia pachydermatis</i> from dogs and cats. 2001 , 39, 329-34	42
835	Molecular evidence of homosexual transmission of HIV type 2 in Spain. 2001 , 17, 417-22	14
834	Speciation through homoploid hybridization between allotetraploids in peonies (<i>Paeonia</i>). 2001 , 98, 3915-9	74
833	Phylogenetics of <i>Scaphirhynchus</i> Based on Mitochondrial DNA Sequences. 2001 , 130, 359-366	26
832	Euteleost fish genomes are characterized by expansion of gene families. 2001 , 11, 781-8	172
831	A novel, nonclassical MHC class I molecule specific to the common chimpanzee. 2001 , 167, 3858-69	27
830	A cDNA for nuclear-encoded chloroplast translational initiation factor 2 from a higher plant is able to complement an <i>infB</i> <i>Escherichia coli</i> null mutant. 2001 , 276, 28388-94	9
829	Evolutionary relationships among self-incompatibility RNases. 2001 , 98, 13167-71	239
828	Evidence for clonal propagation in natural isolates of <i>Plasmodium falciparum</i> from Venezuela. 2001 , 98, 6725-9	41
827	An orphaned mammalian beta-globin gene of ancient evolutionary origin. 2001 , 98, 1101-6	47
826	Identification and functional expression of HCx31.9, a novel gap junction gene. 2001 , 8, 173-8	15
825	Molecular systematics of <i>Goniodidae</i> (Insecta: Phthiraptera). 2001 , 87, 862-9	36
824	Rediscovering <i>Rana onca</i> : Evidence for Phylogenetically Distinct Leopard Frogs from the Border Region of Nevada, Utah, and Arizona. 2001 , 2001, 339-354	17
823	<i>Atheris subocularis</i> (Serpentes: Viperidae) Revisited: Molecular and Morphological Evidence for the Resurrection of an Enigmatic Taxon. 2001 , 2001, 737-744	3
822	Phylogenetic Relationships of Cyprinid Fishes in Subgenus <i>Notropis</i> Inferred from Nucleotide Sequences of the Mitochondrially Encoded Cytochrome <i>b</i> Gene. 2001 , 2001, 656-667	16
821	Phylogenetic Relationships among Damselfishes (Teleostei: Pomacentridae) as Determined by Mitochondrial DNA Data. 2001 , 2001, 591-601	39
820	Mitochondrial Cytochrome <i>b</i> Sequences Support Recognition of Two Cryptic Species of Plains Killifish, <i>Fundulus zebrinus</i> and <i>Fundulus kansae</i> . 2001 , 146, 199-209	4
819	PATTERNS OF KARYOTYPIC MEGAEVOLUTION IN REITHRODONTOMYS: EVIDENCE FROM A CYTOCHROME- <i>b</i> PHYLOGENETIC HYPOTHESIS. 2001 , 82, 81-91	17

818	Systematics of <i>Etheostoma tippecanoe</i> and <i>Etheostoma denoncourtii</i> (Perciformes: Percidae). 2001 , 2001, 235-239	10
817	Evolutionarily Significant Units of Rare Pygmy Sunfishes (Genus <i>Elassoma</i>). 2001 , 2001, 514-520	12
816	Functional and structural similarity of V gamma 9V delta 2 T cells in humans and Aotus monkeys, a primate infection model for <i>Plasmodium falciparum</i> malaria. 2001 , 167, 6421-30	34
815	Afrotheria: plate tectonics meets genomics. 2001 , 98, 1-2	68
814	Identification of a membrane-associated cysteine protease with possible dual roles in the endoplasmic reticulum and protein storage vacuole. 2001 , 276, 742-51	16
813	Genetic Diversity of Eastern <i>Batrachuperus</i> (Caudata: Hynobiidae). 2001 , 2001, 1100-1107	11
812	ALLOZYME VARIATION AND SYSTEMATICS OF THE GENUS <i>APODEMUS</i> (RODENTIA: MURIDAE) IN ASIA MINOR AND IRAN. 2001 , 82, 799	24
811	The essential HupB and HupN proteins of <i>Pseudomonas putida</i> provide redundant and nonspecific DNA-bending functions. 2001 , 276, 16641-8	15
810	Molecular phylogenetic analyses of the mitochondrial ADP-ATP carriers: the Plantae/Fungi/Metazoa trichotomy revisited. 2001 , 98, 10202-7	29
809	The evolution of extracellular hemoglobins of annelids, vestimentiferans, and pogonophorans. 2001 , 276, 26391-7	13
808	Mitochondrial DNA sequences of triatomines (Hemiptera: Reduviidae): phylogenetic relationships. 2001 , 38, 675-83	43
807	Intraspecies diversity of <i>Cryptococcus albidus</i> isolated from humans as revealed by sequences of the internal transcribed spacer regions. 2001 , 45, 291-7	23
806	Expression Patterns of Smad Family Members during Embryogenesis of the Ascidian <i>Halocynthia roretzi</i> . 2001 , 18, 833-842	1
805	Ancient DNA Analysis of Brown Bear (<i>Ursus arctos</i>) Remains from the Archeological Site of Rebun Island, Hokkaido, Japan. 2001 , 18, 741-751	29
804	Chapter Five Transcription factors and metabolic engineering: Novel applications for ancient tools. 2001 , 35, 79-109	13
803	HIV type 1 genetic diversity is a major obstacle for antiretroviral drug resistance hybridization-based assays. 2001 , 17, 1415-21	8
802	Phylogenetic analyses of nuclear rDNA ITS sequences of Korean <i>Allium</i> l. subgenus <i>Rhizirideum</i> (Alliaceae). 2001 , 5, 283-290	
801	Feeding specialization and host-derived chemical defense in Chrysomeline leaf beetles did not lead to an evolutionary dead end. 2001 , 98, 3909-14	127

800	Molecular systematics of the tephritoidea (Insecta: Diptera): Phylogenetic signal in 16S and 28S rDNAs for inferring relationships among families. 2002 , 6, 145-151	11
799	Phylogenetic analysis of cecal microbiota in chicken by the use of 16S rDNA clone libraries. 2002 , 46, 371-82	83
798	Phylogenetic relationships of the Asian box turtles of the genus <i>Cuora</i> sensu lato (Reptilia: Bataguridae) inferred from mitochondrial DNA sequences. 2002 , 19, 1305-12	38
797	Variation in mitochondrial DNA of Vietnamese pigs: relationships with Asian domestic pigs and Ryukyu wild boars. 2002 , 19, 1329-35	37
796	Molecular phylogeography of the red deer (<i>Cervus elaphus</i>) populations in Xinjiang of China: comparison with other Asian, European, and North American populations. 2002 , 19, 485-95	51
795	The root of the angiosperms revisited. 2002 , 99, 6848-53	221
794	Reanalysis of ATP11B, a type IV P-type ATPase. 2002 , 277, 9736-40	12
793	Allopolyploidization and evolution of species with reduced floral structures in <i>Lepidium</i> L. (Brassicaceae). 2002 , 99, 16835-40	57
792	The first cytokine sequence within cartilaginous fish: IL-1 beta in the small spotted catshark (<i>Scyliorhinus canicula</i>). 2002 , 168, 3329-40	91
791	A hemocyanin from the Onychophora and the emergence of respiratory proteins. 2002 , 99, 10545-8	68
790	Soil on imported shipping containers provides a source of new <i>Pseudomonad</i> biodiversity into New Zealand. 2002 , 30, 19-27	1
789	Molecular identification of a new phytoplasma associated with alfalfa witches'-broom in oman. 2002 , 92, 1038-47	55
788	Molecular evidence of HIV-1 transmission in a criminal case. 2002 , 99, 14292-7	152
787	Otzi's last meals: DNA analysis of the intestinal content of the Neolithic glacier mummy from the Alps. 2002 , 99, 12594-9	91
786	Overcredibility of molecular phylogenies obtained by Bayesian phylogenetics. 2002 , 99, 16138-43	506
785	REANALYSIS OF THE RELATIONSHIPS AMONG THE CIRRIPIEDIA AND THE ASCOTHORACIDA AND THE PHYLOGENETIC POSITION OF THE FACETOTECTA (MAXILLOPODA: THECOSTRACA) USING 18S rDNA SEQUENCES. 2002 , 22, 661-669	11
784	A single origin of the peridinin- and fucoxanthin-containing plastids in dinoflagellates through tertiary endosymbiosis. 2002 , 99, 11724-9	314
783	Molecular Systematics and Historical Phylobiogeography of the <i>Neotoma Mexicana</i> Species Group. 2002 , 83, 20-30	22

782	Identification of <i>Taenia asiatica</i> in China: molecular, morphological, and epidemiological analysis of a Luzhai isolate. 2002 , 88, 758-64	64
781	Phylogenetic and biogeographic analysis of Devonian phyllocarid crustaceans. 2002 , 76, 271-286	16
780	MOLECULAR GENETIC ANALYSIS OF THE NATURALIZED HAWAIIAN POPULATION OF THE BRUSH-TAILED ROCK-WALLABY, <i>PETROGALE PENICILLATA</i> (MARSUPIALIA: MACROPODIDAE). 2002 , 83, 437-444	1
779	Molecular identification of <i>Trichophyton rubrum</i> isolate from a dog by chitin synthase 1 (CHS1) gene analysis. 2002 , 40, 439-42	11
778	mtDNA from fossils reveals a radiation of Hawaiian geese recently derived from the Canada goose (<i>Branta canadensis</i>). 2002 , 99, 1399-404	99
777	Positional cloning of the murine flavivirus resistance gene. 2002 , 99, 9322-7	221
776	Origin of plant glycerol transporters by horizontal gene transfer and functional recruitment. 2002 , 99, 14893-6	70
775	Ancient DNA Evidence for the Transition from Wild to Domestic Status in Neolithic Goats: A Case Study from the Site of Abu Gosh, Israel. 2002 , 4, 9-17	17
774	SYSTEMATICS OF THE EUROPEAN ENDANGERED CRAYFISH SPECIES <i>AUSTROPOTAMOBIOUS PALLIPES</i> (DECAPODA: ASTACIDAE) WITH A RE-EXAMINATION OF THE STATUS OF <i>AUSTROPOTAMOBIOUS BERNDHAUSERI</i> . 2002 , 22, 677-681	5
773	Evolutionary Relationships of the Plagopterins (Teleostei: Cyprinidae) from Cytochrome b Sequences. 2002 , 2002, 665-678	95
772	Phylogeny of the Reedocalymeninae (Trilobita): implications for Early Ordovician biogeography of Gondwana. 2002 , 194, 53-68	3
771	Monophyly and Phylogenetic Relationships of the Neotropical Annual Fish Genera <i>Austrolebias</i> and <i>Megalebias</i> (Cyprinodontiformes: Rivulidae). 2002 , 2002, 916-927	12
770	Complete hemocyanin subunit sequences of the hunting spider <i>Cupiennius salei</i> : recent hemocyanin remodeling in entelegyne spiders. 2002 , 277, 14451-7	22
769	Inter- and intra-genic intersubtype HIV-1 recombination in rural and semi-urban Uganda. 2002 , 16, 279-86	23
768	A Phylogenetic Review of <i>Charis</i> and <i>Calephelis</i> (Lepidoptera: Riodinidae). 2002 , 95, 407-421	9
767	Evolutionary behavioral genetics in <i>Drosophila</i> . 2002 , 47, 117-50	15
766	MOLECULAR PHYLOGENY OF GRAPSOID AND OCYPODOID CRABS WITH SPECIAL REFERENCE TO THE GENERA <i>METAPLAX</i> AND <i>MACROPHTHALMUS</i> . 2002 , 22, 682-693	35
765	Phylogenetic Relationships of the Oriental-Australian Rear-Fanged Water Snakes (Colubridae: Homalopsinae) Based on Mitochondrial DNA Sequences. 2002 , 2002, 906-915	19

- 764 Phytochemical, Morphological, and Molecular Evidence for the Occurrence of the Neotropical Liverwort *Plagiochila stricta* in the Canary Islands, New to Macaronesia. **2002**, 105, 363-372 22
- 763 Morphologic, Pathologic, and Genetic Investigations of *Bolbophorus* Species Affecting Cultured Channel Catfish in the Mississippi Delta. **2006**, 18, 235-46 32
- 762 Redescription, phylogenetic position, and stratigraphic significance of the dicynodont genus *Odontocyclops* (Synapsida: Anomodontia). **2002**, 76, 1047-1059 18
- 761 SYSTEMATICS OF *MYOTIS OCCULTUS*(CHIROPTERA: VESPERTILIONIDAE) INFERRED FROM SEQUENCES OF TWO MITOCHONDRIAL GENES. **2002**, 83, 386-395 21
- 760 Phylogenetic Analysis of Mitochondrial DNA Supports the Monophyly of Dacini Fruit Flies (Diptera: Tephritidae). **2002**, 95, 658-664 18
- 759 MACROGEOGRAPHIC STRUCTURE AND PATTERNS OF GENETIC DIVERSITY IN HARBOR SEALS (*PHOCA VITULINA*) FROM ALASKA TO JAPAN. **2002**, 83, 1111-1126 48
- 758 *Pseudocyphellaria perpetua*, a New Lichen from Western North America. **2002**, 105, 1-10 51
- 757 Diversity within the adenovirus fiber knob hypervariable loops influences primary receptor interactions. 1
- 756 A bacterial DNA repair pathway specific to a natural antibiotic.
- 755 Speciation in a biodiversity hotspot: phylogenetic relationships, species delimitation, and divergence times of the Patagonian ground frogs of *Eupsophus roseus* group (Alsodidae). 1
- 754 sp. nov. (Hericiaceae, Basidiomycota) from Australia. **2018**, 29-38
- 753 Polymorphism-aware species trees with advanced mutation models, bootstrap and rate heterogeneity.
- 752 Early signals of vaccine driven perturbation seen in pneumococcal carriage population genomic data.
- 751 Biological Control of White Stain Symptom on Grape Fruit by *Bacillus velezensis* MWS28. **2018**, 22, 345-355 1
- 750 Phylogenetic and morphological discord indicates introgressive hybridisation in two genera of Australian millipedes (Diplopoda, Polydesmida, Paradoxosomatidae). **2018**, 1-14 0
- 749 Phylogenetic analysis of coat protein gene of tomato mosaic virus isolates circulating in Ukraine. **2019**, 77, 44-50
- 748 Diversity and function of fungi associated with the fungivorous millipede, *Brachycybe lecontii*. 1
- 747 Diversity and Antibacterial Potential of Siderophore Producing Bacteria Isolated from Marine Fish Species. **2019**, 19, 343-348 1

- 746 HCF-2 inhibits cell proliferation and activates differentiation-gene expression programs.
- 745 *Spodoptera frugiperda* transcriptional response to infestation by *Steinernema carpocapsae*.
- 744 Isolation and identification of bacteriocin-producing lactic acid bacteria from plants in Mount Makiling Forest Reserve, Philippines. **2019**, 1-15
- 743 Intrinsically disordered proteins and structured proteins with intrinsically disordered regions have different functional roles in the cell. 1
- 742 Isolation and Diversity of Sediment Bacteria in the Hypersaline Aiding Lake, China. 0
- 741 Genetic diversity and phylogenetic analyses of 11 cohorts of captive rhesus macaques from Chinese zoos. **2019**, 7, e6957 2
- 740 sp. nov. (Erysiphaceae, Ascomycota), a powdery mildew species found on (Hydrangeaceae) with unusual appendages. **2019**, 51, 97-106
- 739 LIR-dependent LMX1A/LMX1B autophagy crosstalk shapes human midbrain dopaminergic neuronal resilience. 0
- 738 Evidence supporting a viral origin of the eukaryotic nucleus. 1
- 737 Identification of Polycomb Repressive Complex 1 and 2 Core Components in Hexaploid Bread Wheat.
- 736 Divulging diazotrophic bacterial community structure in Kuwait desert ecosystems and their N₂-fixation potential.
- 735 Description of a new species of (Polycladida, Stylochoidea) from Japan, with inference on the phylogenetic position of Plehniidae. **2019**, 864, 1-13 2
- 734 Integrative Genomic Analysis for the Bioprospection of Regulators and Accessory Enzymes Associated with Cellulose Degradation in a Filamentous Fungus (*Trichoderma harzianum*)
- 733 Multiple separate cases of pseudogenized meiosis genes Msh4 and Msh5 in Eurotiomycete fungi: associations with Zip3 sequence evolution and homothallism, but not Pch2 losses.
- 732 Asymmetrical diversification of the receptor-ligand interaction controlling self-incompatibility in *Arabidopsis*.
- 731 Resurrection of ancestral effector caspases identifies novel networks for evolution of substrate specificity.
- 730 Evolutionarily Conserved Transcription Factors Drive the Oxidative Stress Response in *Drosophila*. 1
- 729 A Fast and Memory-Efficient Implementation of the Transfer Bootstrap. 0

- 728 Rapidly Computing the Phylogenetic Transfer Index. o
- 727 Structural and functional analysis of genes with potential involvement in resistance to coffee leaf rust: a functional marker based approach.
- 726 Molecular Phylogeny of an Avipoxvirus Isolated from Red-Flanked Blue Robin in China. **2020**, 64, 2-6 o
- 725 Native plasmid-encoded mercury resistance genes are functional and demonstrate natural transformation in environmental bacterial isolates.
- 724 and Inhibitory Effects of Gaseous Chlorine Dioxide against *f. sp.* Isolated from Stored Sweetpotato: Study II. **2019**, 35, 437-444 1
- 723 Genomic characterization and curation of UCEs improves species tree reconstruction.
- 722 Spexin and a novel cichlid-specific spexin paralog both inhibit FSH and LH through a specific galanin receptor (Galr2b) in tilapia.
- 721 Human origin and migration deciphered from a novel genomic footprints of mitochondrial sequences.
- 720 Serpentine mountain uplift in northern Japan triggered the divergence of a narrow endemic from a widespread (sub)arctic Asia-Alaska species complex of *Lagotis* (Plantaginaceae).
- 719 Elucidating cryptic sympatric speciation in terrestrial orchids. o
- 718 Revision of the *Amerila syntomina* Species Complex with Description of a New Species from West Africa (Lepidoptera: Erebidae: Arctiinae). **2019**, 69, 703
- 717 In Silico Identification, Characterization and Diversity Analysis of RNAi Genes and their Associated Regulatory Elements in Sweet Orange (*Citrus sinensis* L).
- 716 Identification of *Photorhabdus* symbionts by MALDI-TOF mass spectrometry. o
- 715 The Role of Postcranial Skeleton Morphology in Species Identification and Phylogeny Inferences: Gerbillinae (Rodentia: Muridae) as a Case Study. **2020**, 45, 85
- 714 Network analysis reveals different strategies of *Trichoderma* spp. associated with XYR1 and CRE1 during cellulose degradation. 2
- 713 Bioinformatic analysis based genome-wide identification, characterization, diversification and regulatory transcription components of RNA silencing machinery genes in wheat (*Triticum aestivum* L.). o
- 712 Genetic architecture of a body color cline in *Drosophila americana*. 1
- 711 Characterization of the exopolysaccharide biosynthesis pathway in *Myxococcus xanthus*. o

- 710 The genus *Microniphargus* (Crustacea, Amphipoda): evidence for three lineages distributed across northwestern Europe and transfer to *Pseudoniphargidae*. o
- 709 A New Species of Nematoda from the *Bufo minshanicus* in Southwestern China. **2020**, 87, 121
- 708 Consequences of the divergence of Methionine AdenosylTransferase.
- 707 Previously unrecorded distribution of marine sediments derived yeast isolates revealed by DNA barcoding. 1
- 706 Genetic Diversity of Isopods in Hokkaido and Niigata, Northern Japan, Based on Mitochondrial DNA Analysis. **2020**, 37, 417-428 1
- 705 Negative correlation between mean female age at first birth and rates of molecular evolution in primates, with predictions of the reproductive age in early hominins.
- 704 Redescription of the Sea Hare *Phyllaplysia viridis* (Bergh, 1905) (Gastropoda: Heterobranchia: Aplysiida). **2020**, 63, 11
- 703 Multilocus phylogeny and historical biogeography of *Hypostomus* shed light on the processes of fish diversification in La Plata Basin.
- 702 Soft rot disease caused by *Dickeya fangzhongdai* in epiphytic orchids in Vietnam. o
- 701 Antimonite oxidation by microbial extracellular superoxide in *Pseudomonas* sp. SbB1. **2021**, 1
- 700 *Paenibacillus sinensis* sp. nov., a nitrogen-fixing species isolated from plant rhizospheres. **2021**, 1 1
- 699 Formulation and efficacy testing of bio-organic fertilizer produced through solid-state fermentation of agro-waste by *Burkholderia cenocepacia*. **2021**, 132762 o
- 698 Tick-Borne bacterial and protozoan animal pathogens shape the native microbiome within *Hyalomma anatolicum anatolicum* and *Rhipicephalus microplus* tick vectors. o
- 697 Tooth size apportionment, Bayesian inference, and the phylogeny of *Homo naledi*.
- 696 *Chlamydia gallinacea*: genetically armed as a pathogen however a phenotypical commensal?.
- 695 Speciation and Reticulation in the *Polystichum* Allotetraploids of the Costa Rican Cordillera Talamanca. **2020**, 110,
- 694 Unique Evolution of Among Amphibians of the Central Ryukyus, Japan (Anura: Hylidae). **2021**, 38, 112-121 o
- 693 Phylogenetic analysis of *Neottia japonica* (Orchidaceae) based on ITS and matK regions. **2020**, 50, 385-394

- 692 Identification, Screening, and Molecular Characterization of Bacterial Microbiota in the guts of Epinephelus sp.. **2020**, 73-81
- 691 Pseuduvaria khaosokensis (Annonaceae), a New Species from Southern Thailand as Evidenced by Plastid Phylogeny and Morphology. **2020**, 58,
- 690 Identification of three independent fern gametophytes and Hymenophyllum wrightii f. serratum from Korea based on molecular data. **2020**, 50, 403-412 2
- 689 Small mammals of a West African hotspot, the Zياما-Wonegizi-Wologizi transfrontier forest landscape. **2021**, 85, 127-144 0
- 688 A NEW RECORD OF Leishmania (Viannia) guyanensis (Trypanosomatidae) FROM THE PACIFIC COAST OF COLOMBIA. **2020**, 26, 135-138
- 687 Characterization and description of Faecalibacterium butyricigenerans sp. nov. and F. longum sp. nov., isolated from human faeces.
- 686 Genomic insights on DNase production in Streptococcus agalactiae ST17 and ST19 strains.
- 685 Comparative genomics and proposal of Streptomyces radices sp. nov., an endophytic actinomycete from roots of plants in Thailand. **2022**, 254, 126889
- 684 Deciphering reticulate evolution of the largest group of polyploid vertebrates, the subfamily cyprininae (Teleostei: Cypriniformes). **2022**, 166, 107323 2
- 683 Biodiversity, Bugs, and Barcodes: The Cicadellidae Associated with Grassland and Phytoplasmas in the Sabana de Bogotá Colombia. **2020**, 102, 755 1
- 682 Identification of species isolated from preputium of Aceh cattle based on 16S rRNA gene sequences analysis. **2019**, 12, 1540-1545 2
- 681 Molecular epidemiology of Japanese Encephalitis Virus in pig population of Odisha, Assam and Manipur states of India.
- 680 Charrs of the genus Salvelinus (Salmonidae): hybridization, phylogeny and evolution. 1
- 679 Genetic characterization and phylogenetic study of Indonesian cuscuses from Maluku and Papua Island based on gene. **2020**, 13, 2319-2325
- 678 Studies on the molecular biological peculiarities of bovine herpesvirus 4. **2020**, 23, 411-423
- 677 Incorporating phylogenetic information in microbiome abundance studies has no effect on detection power and FDR control.
- 676 Genomic variance of the 2019-nCoV coronavirus. 11
- 675 Origins of Nonnative Populations of Bufo japonicus formosus (Amphibia: Bufonidae) in Hokkaido, Japan, as Inferred by a Molecular Approach. **2020**, 39, 47 1

- 674 Build a Better Bootstrap and the RAWR Shall Beat a Random Path to Your Door: Phylogenetic Support Estimation Revisited.
- 673 Molecular phylogenetic analyses of the genus *Hypnea* (Cystocloniaceae, Rhodophyta) in Cuba. **2020**, 50, 74 1
- 672 Dually localized proteins found in both the apicoplast and mitochondrion utilize the Golgi-dependent pathway for apicoplast targeting in *Toxoplasma gondii*. 0
- 671 Ptr1 evolved convergently with RPS2 and Mr5 to mediate recognition of AvrRpt2 in diverse solanaceous species. 2
- 670 When species trees disagree: an approach consistent with the coalescent that quantifies phylogenomic support for contentious relationships.
- 669 Character evolution of modern fly-speck fungi and implications for interpreting thyriothelial fossils.
- 668 Systematics of the oil bee genus *Lanthanomelissa* and its implications to the biogeography of southern grasslands.
- 667 A giant new species of (Polycladida, Prosthiostomidae) from southwestern Japan. **2020**, 918, 15-28 2
- 666 Re-Estimation of Genetic Population Structure and Demographic History of the Whale Shark (*Rhincodon typus*) with Additional Japanese Samples, Inferred from Mitochondrial DNA Sequences. **2020**, 74, 31 1
- 665 Specificities of and functional coordination between the two Cas6 maturation endonucleases in *Anabaena* sp. PCC 7120 assign orphan CRISPR arrays to three groups.
- 664 Comparative genome and transcriptome analyses revealing interspecies variations in the expression of fungal biosynthetic gene clusters.
- 663 Unraveling the role of tomato Bcl-2-associated athanogene (BAG) proteins during abiotic stress response and fruit ripening. **2021**, 11, 21734 1
- 662 Molecular detection and characterization of African swine fever virus from field outbreaks in domestic pigs, Mizoram, India. **2021**, 0
- 661 Bot Fly Parasitism of Allegheny Woodrats (*Neotoma magister*) in Virginia. **2020**, 184, 1
- 660 Prevalence of Hepatitis B Virus (HBV) Basal Core Promoter/Precore region molecular variants among HIV/HBV co-infected and HBV mono-infected patients in Ile-Ife, Nigeria.
- 659 Phylogenetics analysis of TP53 gene in humans and its use in biosensors for breast cancer diagnosis.
- 658 ABCB-mediated auxin transport in outer root tissues regulates lateral root spacing in *Arabidopsis*.
- 657 Microbial ecology of *Ixodes scapularis* from Central Pennsylvania, USA.

- 656 Phylogenetic relationships and hybrid origin of Potamogeton species (Potamogetonaceae) distributed in China: insights from the nuclear ribosomal internal transcribed spacer sequence (ITS). **2007**, 267, 65
- 655 Algal Diversity and Evolution. **1996**, 53-63
- 654 Taxonomic considerations of a foliose Grateloupia species from the Straits of Messina. **2006**, 437-443
- 653 Transcriptomics: Translated and Untranslated RNA. **2009**, 153-166
- 652 Song and Molecular Data Identify Congruent but Novel Affinities of the Green Oropendola (Psarocolius viridis). **2004**, 121, 224-229
- 651 Mitochondrial DNA Phylogeny of Babblers (Timaliidae). **2003**, 120, 35-54
- 650 Plant endophytic bacteria: a potential resource pool of electroactive microorganisms. o
- 649 Reinvestigation of grain weight genes TaTGW6 and OsTGW6 casts doubt on their role in auxin regulation in developing grains.
- 648 Cryptic Diversity in the Genus Miniopterus with the Description of a New Species from Southern Africa. **2020**, 22, 1 o
- 647 Transovarial transmission fuels persistent infections of a core virome in the Chagas disease vector Rhodnius prolixus.
- 646 Nanotube mediated cell-to-cell communication and cannibalism in Halobacillus sp. GSS1 isolated from Sundarbans, India: A cryptic story of survival under nutrient-limiting condition.
- 645 Neotype designation and re-description of Forsskal's reticulate whipray Himantura uarnak.
- 644 Expression of Genes Involved in Offensive and Defensive Phenotype Induction in the Pituitary Gland of the Hokkaido Salamander (). **2020**, 37, 563-574 1
- 643 Evaluation of Nanopore sequencing technology to differentiate Salmonella serotypes and serotype variants with the same or closely related antigenic formulae.
- 642 Variability in the diet diversity of catfish highlighted through DNA barcoding. 2
- 641 Integrative taxonomy reveals hidden species within the western Atlantic Callichirus major s. l. (Decapoda, Axiidea, Callichiridae).
- 640 Sequence Analysis for SNP Detection and Phylogenetic Reconstruction of SARS-CoV-2 Isolated from Nigerian COVID-19 Cases.
- 639 Unraveling the world of halophilic and halotolerant bacteria in cheese by combining cultural, genomic and metagenomic approaches. 1

- 638 Increased and ectopic expression of *Triticum polonicum* VRT-A2 underlies elongated glumes and grains in hexaploid wheat in a dosage-dependent manner. 1
- 637 A scalable method for identifying recombinants from unaligned sequences. 0
- 636 Detection and molecular characterization of phytoplasma affecting vegetables in Eastern Visayas, Philippines. **2020**, 1-20 3
- 635 Descriptions of four new dextral land snails of the genus (Gastropoda, Eupulmonata, Camaenidae) from south China. **2020**, 996, 37-58
- 634 Culturable bacterial endophytes isolated from citrus leaves enhance seedling growth of *Solanum melongena* L.. **2020**, 67-74
- 633 *Hyphodermella aurantiaca* sp. nova (Polyporales, Basidiomycota) as Evidenced by Morphological Characters and Phylogenetic Analyses. **2020**, 58, 1
- 632 Genetic classification of two *Vibrio* species isolated from Florida Gulf Coast using multi-locus sequence analysis. **2020**, 6, 34-53
- 631 Demand forecasting model using hotel clustering findings for hospitality industry. **2022**, 59, 102816 0
- 630 Phylogenetic analysis and character evolution of tribe Arethuseae (Orchidaceae) reveal a new genus *Mengzia*. **2021**, 167, 107362 2
- 629 Functional and transcriptional analysis of chromosomal encoded hipBA type II toxin-antitoxin (TA) module from *Xenorhabdus nematophila*. **2021**, 162, 105309 0
- 628 Expression profiles of antimicrobial peptides in *Mytilus coruscus*. **2022**, 548, 737709 2
- 627 Multiple etiological factors led septicemic disease with mass mortality of fishes in freshwater reservoir of Odisha, India. **2022**, 548, 737696
- 626 *Deinococcus aestuarii* sp. nov. and *Deinococcus aquaedulcis* sp. nov., two novel resistant bacteria isolated from pearl river estuary. **2021**, 115, 59 1
- 625 Biochemical features and early adhesion of marine *Candida parapsilosis* strains on high-density polyethylene. **2021**, 0
- 624 Acclimation of liverwort to physiological drought reveals important roles of antioxidant enzymes, proline and abscisic acid in land plant adaptation to osmotic stress. **2021**, 9, e12419 0
- 623 A species dilemma: utilizing biological species concept to reconcile DNA barcode and morphological divergences for *Hypnea pseudomusciformis* (Gigartinales, Rhodophyta). 1
- 622 Seed-derived defensins from Scots pine: structural and functional features. **2021**, 254, 129 0
- 621 Helen's twins in the Balkans: discovery of two new Tonnoir, 1919 species closely related to *Peus*, 1958, with systematic revision of the "lacustris" group (Diptera, Ptychopteridae). **2021**, 1071, 63-81

620	Plant endophytic bacteria: A potential resource pool of electroactive micro-organisms. 2021 ,	0
619	Identification of Raf-Like Kinases B Subfamily Genes in Species Revealed Enhanced Salt Tolerance in Cotton. 2021 , 22,	0
618	Atp ₁ is an inhibitor of FF ATP synthase to arrest ATP hydrolysis during low-energy conditions in cyanobacteria. 2021 ,	3
617	Using the Evolutionary History of Proteins to Engineer Insertion-Deletion Mutants from Robust, Ancestral Templates Using Graphical Representation of Ancestral Sequence Predictions (GRASP). 2022 , 2397, 85-110	1
616	A new species of the genus (Urodela, Salamandridae) from western Thailand.. 2021 , 1072, 83-105	0
615	A SARS-CoV-2 Delta Variant Containing Mutation in the Probe Binding Region Used for qRT-PCR Test in Japan Exhibited Atypical PCR Amplification and Might Induce False Negative Result.	
614	Production of Cocktail Enzymes by Three Cladosporium Isolates and Bioconversion of Orange Peel Wastes into Valuable Enzymes.	0
613	Visual Intelligence through Human Interaction. 2021 , 257-314	2
612	Kaistella soli sp. nov., isolated from oil-contaminated experimental soil.. 2022 , 204, 118	1
611	Adaptive laboratory evolution triggers pathogen-dependent broad-spectrum antimicrobial potency in Streptomyces.. 2022 , 20, 1	0
610	Neobacillus paridis sp. nov., an endophyte of Paris polyphylla Smith var. yunnanensis.. 2022 , 204, 129	1
609	Characterization and application of a novel halotolerant protease with no collagenase activity for cleaner dehairing of goatskin. 2022 , 113, 203-215	1
608	The impact of prehistoric human dispersals on the presence of tobacco-related oral cancer in Northeast India.. 2021 , 813, 146098	0
607	Oxylipin biosynthesis in spikemoss Selaginella moellendorffii: Identification of allene oxide synthase (CYP74L2) and hydroperoxide lyase (CYP74L1). 2021 , 195, 113051	
606	Lyomyces fissuratus and L. fumosus (Schizoporaceae, Hymenochaetales), New Species from Southern China. 2021 , 58,	0
605	Fasciodontia yunnanensis (Schizoporaceae, Hymenochaetales), a New Species from Southern China. 2021 , 58,	0
604	Isolation, characterization and antibacterial activity of actinomycetes from soils of the Langun-Gobingob Cave Complex in Calbiga, Samar. 2021 , 67-75	
603	Dickeya colocasiae sp. nov. isolated from wetland taro, Colocasia esculentum.	0

- 602 Overexpression of Two New Acyl-CoA:Diacylglycerol Acyltransferase 2-Like Acyl-CoA:Sterol Acyltransferases Enhanced Squalene Accumulation in .. **2022**, 13, 822254 0
- 601 Response surface methodology mediated optimization of Lignin peroxidase from *Bacillus mycoides* isolated from Simlipal Biosphere Reserve, Odisha, India.. **2022**, 20, 2 1
- 600 Molecular detection, phylogenetic analysis and genetic diversity of recently isolated foot-and-mouth disease virus serotype A African topotype, 'Genotype IV.. **2022**, 19, 1 1
- 599 Statistically validated hierarchical clustering: Nested partitions in hierarchical trees. **2022**, 593, 126933
- 598 *Erythrobacter rubeus* sp. nov., a carotenoid-producing alphaproteobacterium isolated from coastal seawater.. **2022**, 204, 125 0
- 597 *Aureibaculum algae* sp. nov. isolated from the Pacific red alga *Ahnfeltia tobuchiensis*.. **2022**, 204, 153 0
- 596 Occurrence of Avian Reovirus and Picobirnavirus in Wild Birds in an Environmental Protection Area in the Amazon Biome, Pará, Brazil.
- 595 Two new species of *Tanichthys* (Teleostei: Cypriniformes) from China. **2022**, 71, 1
- 594 Description of two nitrogen-fixing bacteria, *Geomonas fuzhouensis* sp. nov. and *Geomonas agri* sp. nov., isolated from paddy soils.. **2022**, 115, 435 0
- 593 Surprisingly high genetic divergence of the mitochondrial DNA barcode fragment (COI) within Central European woodlice species (Crustacea, Isopoda, Oniscidea).. **2022**, 1082, 103-125 1
- 592 The Novel Strain *Acidomyces acidophilum* Isolated from Acidophilic Biofilms (Snottites) Located in the Sheki-Heh Cave (North Caucasus).. **2022**, 79, 63 0
- 591 *Natronococcus pandeyae* sp. nov., a Novel Haloarchaeon from Sambhar Salt Lake.. **2022**, 79, 51 1
- 590 Metagenomic insights into the environmental adaptation and metabolism of *Candidatus Haloplasmatales*, one archaeal order thriving in saline lakes.. **2022**, 0
- 589 *Rhabdonatronobacter sediminivivens* gen. nov., sp. nov. isolated from the sediment of Hutong Qagan Soda Lake.. **2022**, 204, 145 1
- 588 Extended bacterial diversity of the urinary microbiome of reproductive-age healthy European women captured by culturomics and long-read amplicon sequencing.
- 587 Heterotic prediction of hybrid performance based on genome-wide SNP markers and the phenotype of parental inbred lines in heading Chinese cabbage (*Brassica rapa* L. ssp. *pekinensis*). **2022**, 296, 110907 2
- 586 Morphological and genomic characteristics of two novel halotolerant actinomycetes, *Tomitella gaofuii* sp. nov. and *Tomitella fengzjianii* sp. nov. isolated from bat faeces.. **2022**, 45, 126294 1
- 585 The ACE genes in *Aphelenchoides besseyi* isolates and their expression correlation to the fenamiphos treatment.. **2022**, 12, 1975 1

- 584 Genome typing, histopathology, and evolution of BPV30, a novel Xipapillomavirus type isolated from Bovine papilloma in Costa Rica.. **2022**, 83, 101768
- 583 Genome-wide analysis of bromodomain gene family in Arabidopsis and Rice.
- 582 Rapid epidemic expansion of the SARS-CoV-2 Omicron variant in southern Africa. 12
- 581 Molecular and phenotypic reidentification of *Sporothrix schenckii* clinical isolates preserved under mineral oil for 34 to 64 years in a culture collection in Brazil. **2022**, 3, 100128
- 580 Two new species of Ceriporia (Irpiciaceae, Basidiomycota) from the Asia Pacific area. **2022**, 21, 39-48 o
- 579 Fungal diversity in the tropics: *Entoloma* spp. in Panama. **2022**, 21, 93-145
- 578 *Haloterrigena gelatinilytica* sp. nov., a new extremely halophilic archaeon isolated from salt-lake.. **2022**, 204, 176 o
- 577 Two Genetically Distinct yet Morphologically Indistinct *Bungarus* Species (Squamata, Elapidae) in Hong Kong. **2022**, 41,
- 576 Plant autophagosomes mature into amphisomes prior to their delivery to the central vacuole. o
- 575 The Relationship among Total Quality Management, Operational Performance and Competitive Advantage in the Jordanian Banking Sector. **2022**, 19, 599-613
- 574 Moderated Mediating Mechanism Effects of Chinese University Entrepreneurship Education on Independent Student Entrepreneurship.. **2022**, 13, 782386
- 573 Phylogeny and Morphology Of Fissidentaceae Schimp. in the South Atlantic Islands and Description of a New Species. **2022**, 43,
- 572 *Benna alternifolia* (Melastomataceae: Sonerileae), a new herbaceous genus and species from Guinea, West Africa. **2022**, 52,
- 571 Endocytosis-mediated vitellogenin absorption and lipid metabolism in the hindgut-derived pseudoplacenta of the viviparous teleost *Xenotoca eiseni*.
- 570 The origin, epidemiology and phylodynamics of HIV-1 CRF47_BF.
- 569 Phase Separation of a Nodulin Sec14-like protein Maintains Auxin Efflux Carrier Polarity at Arabidopsis Plasma Membranes. o
- 568 Revealing the microbial heritage of traditional Brazilian cheeses through metagenomics.
- 567 Coastal habitat evidences and biological data of *Alepisaurus ferox* (Aulopiform; Alepisauridae) from northwestern Iberian Peninsula. **2022**, 52, 1 1

- 566 Phylogenetics of Historical Host Switches in a Bacterial Plant Pathogen.. **2022**, e0235621 2
- 565 Diversity and Effect of Increasing Temperature on the Activity of Methanotrophs in Sediments of Fildes Peninsula Freshwater Lakes, King George Island, Antarctica.. **2022**, 13, 822552 1
- 564 Resolution of glycogen and glycogen-degrading activities reveals correlates of *Lactobacillus crispatus* dominance in a cohort of young African women. 1
- 563 Characterization of Morreton Virus (MORV) as a Novel Oncolytic Virotherapy Platform for Liver Cancers. 0
- 562 Cloning of Nine Glucocorticoid Receptor Isoforms from the Slender African lungfish (*Protopterus dolloi*). 1
- 561 Protocol combining tree-based Maximum Parsimony and web-like Phylogenetic Networks analyses to investigate reticulate human evolution.. **2022**, 3, 101191 0
- 560 Diatom Biodiversity and Speciation Revealed by Comparative Analysis of Mitochondrial Genomes.. **2022**, 13, 749982 1
- 559 *Hanamia caeni* gen. nov., sp. nov., a Member of the Family Chitinophagaceae Isolated from Activated Sludge in Korea.. **2022**, 79, 134 1
- 558 Phylogenetic Relationship, Symbiotic Effectiveness, and Biochemical Traits of Native Rhizobial Symbionts of Cowpea (*Vigna unguiculata* L. Walp) in South African Soil. 1
- 557 Antibacterial, antibiofilm and cytotoxic properties of prodigiosin produced by a newly isolated *Serratia* sp. C6LB from a milk collection center.. **2022**, 105449 0
- 556 Emergence of hyper insecticide-resistant dengue vectors in Indochina Peninsula: threats of concomitant knockdown resistance mutations. 1
- 555 Iterative deletion of gene trees detects extreme biases in distance-based phylogenomic coalescent analyses. 0
- 554 EXECUTER2 modulates the EXECUTER1 signalosome through its singlet oxygen-dependent oxidation.. **2021**, 4
- 553 *Pseudohalioglobus sediminis* sp. nov., isolated from coastal sediment.. **2022**, 204, 207 2
- 552 URSID ÆHERPESVIRUS TYPE 1-RELATED VIRUS IN CAPTIVE BORNEAN SUN BEARS () IN SABAH, MALAYSIA.. **2022**, 53, 92-99 1
- 551 Tracking of Diversity and Evolution in the Brown Rot Fungi , , and .. **2022**, 13, 854852 1
- 550 Phylogenetic Separation of Holotrichia Species (Insecta, Coleoptera, Scarabaeidae) Exhibiting Circadian Rhythm and Circadian Rhythm. **2022**, 39, 1
- 549 Molecular survey of *Toxoplasma gondii* in cattle and buffaloes and phylogenetic position of Pakistani isolates based on ITS-1 gene.. **2022**, 84, 101782 1

- 548 Identification of the shell-boring parasite *Polydora hoplura* (Annelida: Spionidae) on wild stocks of *Pecten maximus* in Galician waters, NW Spain.. **2022**, 190, 107750
- 547 Optimized resting cell method for green synthesis of selenium nanoparticles from a new *Rhodotorula mucilaginosa* strain. **2022**, 116, 197-205 0
- 546 Phylogenetic independence in the variations in leaf functional traits among different plant life forms in an arid environment.. **2022**, 272, 153671 1
- 545 The potential of tannin degrading bacteria isolated from rumen of Iranian Urial ram as silage additives. **2022**, 18, 101024 2
- 544 Taxonomic revision of the mid-Cretaceous genus *Sanaungulus* Fanti, Damgaard et Ellenberger, 2018 (Coleoptera, Cantharidae) from northern Myanmar based on a morphology-based phylogeny. **2022**, 135, 105217 0
- 543 Canker and leaf scorch on olive (*Olea europaea* L.) caused by *Neoscytalidium dimidiatum* in Turkey. **2022**, 157, 105985 2
- 542 A DNA barcode library for the water mites of Montenegro.. **2021**, 9, e78311 2
- 541 Isolation and Molecular Identification of Xylanase and Glucose-Isomerase Producer *Geobacillus* and *Brevibacillus* Strains from Hot Springs in Turkey. **2021**, 48, S34-S46
- 540 Egypt as one of the centers of lettuce domestication: morphological and genetic evidence. **2022**, 218, 1
- 539 Potent γ -amino butyric acid producing psychobiotic *Lactococcus lactis* LP-68 from non-rhizospheric soil of *Syzygium cumini* (Black plum).. **2021**, 204, 82 0
- 538 *Williamsia soli* sp. nov., an actinobacterium isolated from soil at a thermal power plant in Yantai, China.. **2021**, 204, 102 0
- 537 *Pyramidanthe* and *Mitrella* (Annonaceae, Uvarieae) unified: molecular phylogenetic and morphological congruence, with new combinations in *Pyramidanthe*. **2021**, 51, 1
- 536 *Propioniciclava soli* sp. nov., isolated from forest soil, Yunnan, China, and reclassification of the genus *Brevilactibacter* into the genus *Propioniciclava*, and *Brevilactibacter sinopodophylli*, *Brevilactibacter flavus*, and *Brevilactibacter coleopterorum* as *Propioniciclava sinopodophylli* comb. nov., *Propioniciclava flava* comb. nov., and *Propioniciclava coleopterorum* comb. nov., respectively.. **2021**, 204, 102 0
- 535 TopHap: Rapid inference of key phylogenetic structures from common haplotypes in large genome collections with limited diversity.. **2021**, 204, 82 1
- 534 New Insights into Molecular Basis Identification of Three Novel Strains of the *Bacillus Subtilis* Group Produce Cry Proteins Isolated from Soil Samples in Adana, Turkey. 0
- 533 Nuclear localization and transactivation of SYS-1/ β -catenin is the result of serial gene duplications and subfunctionalizations.
- 532 DNA Barcoding and Renewed Taxonomy of South American Clouded Sulphurs (Lepidoptera: Pieridae: Colias). **2021**, 46,
- 531 Three new species of Flint microcaddisflies from Peru (Insecta: Trichoptera) including DNA-based larval associations.. **2021**, 9, e12645

- 530 Selective isolation, antimicrobial screening, and phylogenetic diversity of marine actinomycetes derived from the Coast of Bejaia City (Algeria), a polluted and microbiologically unexplored environment.. **2021**, 0
- 529 *Pseudaminobacter soli* sp. nov., Isolated from Paddy Soil Contaminated with Heavy Metals.. **2021**, 79, 19
- 528 Phylogenetic analyses of the lotus root parasitic nematodes <i>Hirschmanniella diversae</i> and <i>H. imamuri</i> based on the 18S ribosomal RNA (rRNA) gene and 5.8S rRNA gene/internal transcribed spacer region. **2021**, 51, 5-9 1
- 527 The diversity of bacterial endophytes from *Iris pseudacorus* L. and their plant beneficial traits. **2022**, 3, 100133
- 526 Use of sugarcane mosaic virus for virus-induced gene silencing in maize.
- 525 The effect of different treatment durations with indole-3-acetic acid (IAA)-producing endophytic *Bacillus* spp. on tomato under saline conditions.
- 524 Genome-based classification of *Streptomyces pinistramenti* sp. nov., a novel actinomycete isolated from a pine forest soil in Poland with a focus on its biotechnological and ecological properties.. **2022**, 1 1
- 523 Identifying and characterizing causing spot blight on in China.. **2022**, 10, e13278
- 522 Species delimitation and molecular diagnosis of *Cyrtomium yamomotoi* (Dryopteridaceae). **2022**, 308, 1
- 521 Image_1.PDF. **2018**,
- 520 Image_10.PDF. **2018**,
- 519 Image_11.PDF. **2018**,
- 518 Image_12.PDF. **2018**,
- 517 Image_13.PDF. **2018**,
- 516 Image_14.PDF. **2018**,
- 515 Image_15.PDF. **2018**,
- 514 Image_2.PDF. **2018**,
- 513 Image_3.PDF. **2018**,

512 Image_4.PDF. **2018,**

511 Image_5.PDF. **2018,**

510 Image_6.PDF. **2018,**

509 Image_7.PDF. **2018,**

508 Image_8.PDF. **2018,**

507 Image_9.PDF. **2018,**

506 Table_1.XLSX. **2018,**

505 Data_Sheet_1.PDF. **2018,**

504 Data_Sheet_1.PDF. **2018,**

503 Image_1.PDF. **2018,**

502 Table_1.XLSX. **2018,**

501 Table_2.XLSX. **2018,**

500 Table_3.XLSX. **2018,**

499 Table_4.XLSX. **2018,**

498 Table_5.XLSX. **2018,**

497 Table_6.XLSX. **2018,**

496 Table_7.XLSX. **2018,**

495 Table_8.XLSX. **2018,**

494 Data_Sheet_1.CSV. **2020**,

493 Data_Sheet_2.CSV. **2020**,

492 Table_1.DOCX. **2020**,

491 Data_Sheet_1.docx. **2020**,

490 Data_Sheet_1.PDF. **2019**,

489 Table_1.XLSX. **2019**,

488 Data_Sheet_1.PDF. **2020**,

487 Data_Sheet_2.pdf. **2020**,

486 Data_Sheet_1.docx. **2020**,

485 Data_Sheet_1.PDF. **2020**,

484 Table_1.doc. **2017**,

483 Data_Sheet_1.DOCX. **2020**,

482 Table_1.DOCX. **2020**,

481 Table_2.DOCX. **2020**,

480 Image_1.jpeg. **2020**,

479 Image_2.jpeg. **2020**,

478 Table_1.DOCX. **2020**,

477 Table_2.XLSX. **2020**,

476 Image_1.PDF. **2018**,

475 Image_2.pdf. **2018**,

474 Table_1.XLS. **2018**,

473 Table_2.XLS. **2018**,

472 Table_3.XLS. **2018**,

471 Table_4.XLS. **2018**,

470 Table_5.XLS. **2018**,

469 Table_6.XLS. **2018**,

468 Table_7.XLS. **2018**,

467 Table_8.XLS. **2018**,

466 Data_Sheet_1.PDF. **2020**,

465 Table_1.XLSX. **2020**,

464 Anomalous Phylogenies Based on Bacterial Catalase Gene Sequences. **1996**, 42, 469-471

463 Spongiibacter thalassae sp. nov., a marine gammaproteobacterium isolated from seawater.. **2022**, 204, 273

1

462 Examination of the generic concept and species boundaries of the genus (Lachnaceae, Helotiales, Ascomycota) with the proposal of new species and new combinations based on the Japanese materials.. **2022**, 87, 1-52

461 Understanding the Role of Ca ²⁺ via Transient Receptor Potential (TRP) Channel in Viral Infection: Implications in Developing Future Antiviral Strategies.

460 Molecular Detection and Characterization of *Toxoplasma Gondii* Isolates from Nigerian Wild Rats.

459 Identification of BAHD acyltransferases associated with acylinositol biosynthesis in *Solanum quitoense* (naranjilla).

- 458 Molecular systematics and morphological variation in the Mesopotamian spiny eel *Mastacembelus mastacembelus* (Teleostei: Mastacembelidae). **2022**, 89, 546-555
- 457 Outline, Divergence Times, and Phylogenetic Analyses of Trechisporales (Agaricomycetes, Basidiomycota).. **2022**, 13, 818358 o
- 456 The evolving SARS-CoV-2 epidemic in Africa: Insights from rapidly expanding genomic surveillance. o
- 455 Third Generation Genome Sequencing Reveals That Endobacteria in Nematophagous Fungi Contain Multiple Genes Encoding for Nematicidal Proteins.. **2022**, 13, 842684
- 454 Comparative analysis of the outcomes of COVID-19 between patients infected with SARS-CoV-2 Omicron and Delta variants: a retrospective cohort study. o
- 453 Bioprospection of l-asparaginase producing microorganisms and cloning of the l-asparaginase type II gene from a *Pseudomonas putida* species group isolate. o
- 452 *Pontibacter qinzhouensis* sp. nov., isolated from rhizosphere soil of a mangrove plant *Rhizophora stylosa*.. **2022**, 204, 298 1
- 451 Molecular authentication of the medicinal crop *Portulaca oleracea* and discrimination from its adulterants in herbal markets using PCR-restriction fragment length polymorphism (PCR-RFLP) analysis. **2022**, 183, 114934
- 450 Fast and Accurate Branch Support Calculation for Distance-Based Phylogenetic Placements. **2022**, 33-51
- 449 *Carica papaya* Represents a New Host of 16Srl-B Subgroup Phytoplasma Associated with Yellow Symptoms in China.. **2022**,
- 448 Antimicrobial potential of culturable actinobacteria isolated from the Pacific oyster *Crassostrea gigas* (Bivalvia, Ostreidae).
- 447 Geodesics to characterize the phylogenetic landscape.
- 446 Radiation and diversification of GATA-domain-containing proteins in the genus *Caenorhabditis*.
- 445 A single helix repression domain is functional across eukaryotes.
- 444 Candidate effector proteins from the maize tar spot pathogen *Phyllachora maydis* localize to diverse plant cell compartments.
- 443 The Reevaluation of *Salacia Lombardii* (Celastraceae) Based on Phylogenetic Position and Biogeographic Implications.
- 442 New Insights into the Taxonomy of Bacteria in the Genomic Era and a Case Study with *Rhizobia*. **2022**, 2022, 1-19 o
- 441 Identification of branching order within the kingdom *Bamfordvirae*.

- 440 Fast and Accurate Species Trees from Weighted Internode Distances.
- 439 Prevalence of *Vibrio coralliilyticus* in stony coral *Porites* sp. in the Gulf of Aqaba, Jordan. 0
- 438 Genomic characterization of the recent monkeypox outbreak. 1
- 437 Modeling the Orthosteric Binding Site of the G Protein-Coupled Odorant Receptor OR5K1. 0
- 436 Phylogenetic affinities of the poorly known bivalve genus *Xenocardita* Vokes, 1946 (Bivalvia: Carditidae): new data on the evolution of the tripartite radial ribs. **2022**, 137, 105260 0
- 435 Two strategies of stubborn biofouling strains surviving from NaClO membrane cleaning: EPS shielding and/or quorum sensing. **2022**, 838, 156421 1
- 434 Characterization of Cuticular Proteins in Cpr Family in the Wolf Spider, *Pardosa Pseudoannulata*, and the Response of One Subfamily Genes to Environmental Stresses.
- 433 *Marinilactibacillus kalidii* sp. nov., an Indole Acetic Acid-Producing Endophyte Isolated from a Shoot of Halophyte *Kalidium cuspidatum*. **2022**, 79, 2
- 432 Using molecular phylogenetic and stable isotopic analysis to identify species, geographical origin and production method of mullet roes. **2022**, 109206 0
- 431 Virtual Bioprospecting of Interfacial Enzymes: Relating Sequence and Kinetics. **2022**, 12, 7427-7435 1
- 430 *Saccharopolyspora soli* sp. nov., isolated from Northern Cyprus soil. **2022**, 204, 1
- 429 *Retiboletus atrofuscus* (Boletaceae, Boletales), a new species from China. **2022**, 204, 0
- 428 SARS-CoV-2 Spike Glikoproteinlerinin Farklı Kelerde Karşı Farklı Biyoinformatik Analizleri. 68-73
- 427 The Prmt5-Vasa module is essential for dichotomous spermatogenesis in *Bombyx mori*.
- 426 Phylogeny and genetic diversity of the Philippine eucheumatoid genus *Mimica* (Solieriaceae, Rhodophyta), and the proposal for *Kappaphycopsis* gen. nov. to include the anomalous species of *Kappaphycus*, *K. cottonii*. 1-8 1
- 425 Phylogenetic and morphological characteristics of *Uromycladium falcatariae*, the fungal pathogen that causes gall rust epidemics of *Falcataria moluccana* in Indonesia.
- 424 *Sphingopyxis lutea* sp. nov., a novel moderately halotolerant bacterium isolated from pebbles. **2022**, 204,
- 423 Multilocus Sequence Typing and Virulence Potential of *Vibrio parahaemolyticus* Strains Isolated from Aquatic Bird Feces. 0

- 422 Lignocellulosic hydrolysate based biorefinery for marine exopolysaccharide production and application of the produced biopolymer in environmental clean-up. **2022**, 359, 127499
- 421 An acceleration of carotenoid production and growth of *Haematococcus lacustris* induced by host-microbiota network interaction. **2022**, 262, 127097 1
- 420 Monkeypox virus: A comprehensive review of taxonomy, evolution, epidemiology, diagnosis, prevention, and control regiments so far. **2022**, 2, 1-15 0
- 419 Do cheese factory-specific mites (Acari: Astigmata) exist in the cheese-ripening cabinet?. **2022**, 87, 49-65 0
- 418 Establishing and validating axenic cultures of the microalga *Haematococcus lacustris* (Chlorophyceae). **2022**, 3, 82-97 0
- 417 Occurrence of Honey Bee (*Apis mellifera* L.) Pathogens in Wild Pollinators in Northern Italy. 12, 0
- 416 *Ancylobacter gelatini* sp. nov., isolated from beach sediment of Zhairuo Island, China. **2022**, 204, 1
- 415 *Basidioidendron yunnanense* (Auriculariales), a New Species from Southern China Based on Morphological and Molecular Evidence. **2022**, 59,
- 414 *Cohnella mopanensis* sp. nov., a new Gram-negative bacterium isolated from soil in Xinping Mountain National Forest Park. **2022**, 204,
- 413 Jointly Modeling Species Niche and Phylogenetic Model in a Bayesian Hierarchical Framework.
- 412 Identification and prevalence of seedborne *Botrytis* spp. in dry pea, lentil, and chickpea in Montana. 0
- 411 Genome-based reclassification of *Actinopolyspora righensis* Meklat et al. 2013 as a later heterotypic synonym of *Actinopolyspora lacussalsi* Guan et al. 2013 and description of *Actinopolyspora lacussalsi* subsp. *lacussalsi* subsp. nov. and *Actinopolyspora lacussalsi* subsp. *indonesiensis* sp. nov. **2022**, 884,
- 410 High-throughput degraded DNA sequencing of subfossil shells of a critically endangered stenoendemic land snail in the Aegean. **2022**, 175, 107561 0
- 409 Seasonal survey, risk factor's analysis and genotyping of *Theileria annulata* infecting cattle in Punjab province, Pakistan. **2022**, 234, 106587 0
- 408 Can the combination of DWI and T2WI radiomics improve the diagnostic efficiency of cervical squamous cell carcinoma?. **2022**, 92, 197-202
- 407 Asteroid: a new minimum balanced evolution supertree algorithm robust to missing data.
- 406 *Curtobacterium*, A Foliar Pathogen Isolated from Maize in Central Argentina. **2022**, 79,
- 405 Taxonomy and Multi-Gene Phylogeny of Poroid *Panellus* (Mycenaceae, Agaricales) With the Description of Five New Species From China. 13,

404 Appendices. **2006**, 311-318

403 Preface. **2006**, vii-x

402 Dedication. **2006**, v-vi

401 Copyright Page. **2006**, iv-iv

400 Preface. **2014**, vii-viii

399 Copyright Page. **2014**, iv-iv

398 Foreword. **2014**, v-vi

397 THE GENUS MACROBRACHIUM (CRUSTACEA, CARIDEA, PALAEMONIDAE): A TAXONOMIC SYNOPSIS FROM THE CRADLE OF EVOLUTION IN AFRICA TO ASIA AND THE AMERICAS.. **2022**, 41-43

396 Selective inference after feature selection via multiscale bootstrap.

395 Identification and full genome analysis of the first putative virus of sea buckthorn (*Hippophae rhamnoides* L.).

394 *Rhodococcus pseudokoreensis* sp. nov. isolated from the rhizosphere of young M26 apple rootstocks. **2022**, 204,

1

393 Biocatalytic routes to stereo-divergent iridoids. **2022**, 13,

392 An expanded phylogeny of *Setaria* (Poaceae, Panicoideae, Paniceae) and its relationships within the subtribe Cenchrinae.

0

391 Dye Decolorization by *Rhodococcus ruber* Strain TES III Isolated from Textile Effluent Wastewater Contaminated Soil. **2022**, 7,

390 Exocarp structure in the genus *Atraphaxis* (Polygonaceae, Polygoneae). **2022**, 308,

389 *Monacha samsunensis* (Pfeiffer, 1868): another Anatolian species introduced to Western Europe, where it is known as *Monacha ataxis* Gittenberger & de Winter, 1985 (Gastropoda: Eupulmonata: Hygromiidae). **2022**, 89, 966-990

388 Imbalanced immune response and dysregulation of neural functions underline fatal opportunistic encephalitis caused by astrovirus.

387 Diversification of *Hemidactylus* geckos (Squamata: Gekkonidae) in coastal plains and islands of southwestern Arabia with descriptions and complete mitochondrial genomes of two endemic species to Saudi Arabia.

- 386 Arabidopsis Leucine Rich Repeat-Malectin Receptor Kinases in immunity triggered by cellulose and mixed-linked glucan oligosaccharides.
- 385 Evaluation of genetic diversity and population structure in elite south Indian tea [*Camellia sinensis* (L.) Kuntze] using RAPD and ISSR markers.
- 384 Two new species add to the diversity of Eoniphargus in subterranean waters of Japan, with molecular phylogeny of the family Mesogammaridae (Crustacea, Amphipoda). 44, 21-50
- 383 Two New Species of *Meiogyne* (Annonaceae) from Vietnam, Based on Molecular Phylogeny and Morphology. **2022**, 59,
- 382 First Report of Strawberry Wilt Caused by *Fusarium oxysporum* Schltdl. in Jordan.
- 381 Characterization of UV-screening pigment scytonemin from cyanobacteria inhabiting diverse habitats of Varanasi, India. 2
- 380 Assessing phenovariant species pairs of moray eels: Hybridization, introgression, and morphology. o
- 379 The identification of phage vB_1086 of multidrug-resistant *Klebsiella pneumoniae* and its synergistic effects with ceftriaxone. **2022**, 105722 1
- 378 Evidence of Viral Communities in Three Species of Bats from Rural Environment in Mexico. **2022**, 24,
- 377 CD45 in ocular tissues during larval and juvenile stages and early stages of *V. anguillarum* infection in young lumpfish (*Cyclopterus lumpus*). **2022**, 128, 523-535
- 376 Physiological characterisation of *Corynebacterium uterequi* associated with pregnancy complications in mares. **2022**, 273, 109522
- 375 Novel Ehrlichia and Hepatozoon genotypes in white-eared opossums (*Didelphis albiventris*) and associated ticks from Brazil. **2022**, 13, 102022 o
- 374 Oxidative potential of two Brazilian endophytic fungi from *Handroanthus impetiginosus* towards progesterone. **2022**, 187, 109101
- 373 *Rodentolepis microstoma* isolated from different species of Sigmodontinae rodents (Rodentia: Cricetidae) in the Cuenca del Plata, Argentina: Morphological aspects and molecular characterization. **2022**, 19, 56-67
- 372 *Sphingosinicella terrae* sp. nov. Isolated from a Desert Soil and Reclassification of *Sphingomonas deserti* as *Sphingosinicella deserti* comb. nov.. **2022**, 79, o
- 371 Growth, biofiltration and photosynthetic performance of *Ulva* spp. cultivated in fishpond effluents: An outdoor study. 9, o
- 370 Halotolerant rhizobacteria isolated from a mangrove forest alleviate saline stress in *Musa acuminata* cv. Berangan. **2022**, 265, 127176 o
- 369 Determination of Genetic Variation Among *Beauveria Bassiana* and *Metarhizium Anisopliae* Isolates from Palestine and Other Geographic Regions Using its and β Tubulin Sequences, RFLP and Issr Data. o

- 368 Divergent Tooth Development Mechanisms of Mexican Tetra Fish (*Astyanax Mexicanus*) of Pachon Cave Origin. o
- 367 Genetic Diversity and Population Structure of Sorghum [*Sorghum Bicolor* (L.) Moench] Genotypes in Ethiopia as Revealed by Microsatellite Markers. o
- 366 First detection of *Wilsonomyces carpophilus*, causing leaf spot and shot-hole on *Vitis vinifera*. o
- 365 Red Rubiscos and opportunities for engineering green plants. 1
- 364 *Streptomyces pimonensis* sp. nov., isolated from the Taklimakan desert in Xinjiang, China. **2022**, 204, o
- 363 Discovery and Genomic Characterization of a Novel Henipavirus, Angavokely Virus, from Fruit Bats in Madagascar. **2022**, 96, o
- 362 *Nocardiopsis akebiae* sp. nov., a novel endophytic actinomycete isolated from fruits of *Akebia trifoliata*. **2022**, 204, o
- 361 Circulating Mutant of Foot and Mouth Disease virus serotype A-African- Genotype IV in Egypt during 2022. o
- 360 The dimerized pentraxin-like domain of the adhesion G protein-coupled receptor 112 (ADGRG4) suggests function in sensing mechanical forces. o
- 359 Delving of a Promising Bioemulsifier Producing Bacterium from an Oil Contaminated Coastal Site and its Enhanced Production. **2022**, 19, 727-735 o
- 358 *Streptomyces*-mediated growth enhancement and Bacterial Panicle Blight disease suppression in rice plants under greenhouse conditions. **2022**, 1
- 357 *Robiginitalea marina* sp. nov., isolated from coastal sediment. **2022**, 204, 1
- 356 Data Integration in Bayesian Phylogenetics. **2023**, 10, o
- 355 *Deinococcus taeanensis* sp. nov., a Radiation-Resistant Bacterium Isolated from a Coastal Dune. **2022**, 79, o
- 354 Modification of the helper-component protease of papaya ringspot virus Vietnam isolate to generate attenuated mutants for disease management by cross protection. o
- 353 *Enterobacter cloacae* PNE2 As Promising Plant Growth Promoting Bacterium, Isolated From The Kadi Vegetable Market Waste, Gujarat.. **2022**, 19, 773-786 o
- 352 The structure of a *Plasmodium vivax* Tryptophan Rich Antigen suggests a lipid binding function for a pan-*Plasmodium* multi-gene family. o
- 351 New TNT Routines for Parallel Computing with MPI. **2022**, 107643 o

- 350 Molecular Characterization and In Silico Analyses of Maurolipin Structure as a Secretory Phospholipase A 2 (. **2022**, 2022, 1-11 o
- 349 *Toxoplasma gondii* importin B shows weak auto-inhibition. o
- 348 The first complete mitochondrial genome of *Diadema antillarum* (Diadematoida, Diadematidae). o
- 347 New insights on thioredoxins (Trxs) and glutaredoxins (Grxs) by in silico amino acid sequence, phylogenetic and comparative structural analyses in organisms of three domains of life. **2022**, 8, e10776 o
- 346 The transmission of "The West Saxon Royal Genealogy" a phylogenetic approach. o
- 345 Description of five novel thermophilic species of the genus *Thermus*: *Thermus hydrothermalis* sp. nov., *Thermus neutrinimicus* sp. nov., *Thermus thalpophilus* sp. nov., *Thermus albus* sp. nov., and *Thermus altitudinis* sp. nov., isolated from hot spring sediments. **2022**, 45, 126361 2
- 344 Effects of high-strength landfill leachate effluent on stress-induced microalgae lipid production and post-treatment micropollutant degradation. **2022**, 324, 116367 o
- 343 Phylogeny, taxonomy, and character evolution in *Entoloma* subgenus *Nolanea*. **2022**, o
- 342 Systematic Analysis of the Functional Overlap among Plant YTHDF proteins. o
- 341 New Record of Echinoderms from Gili Ketapang Island by Combining DNA Barcoding and Morphology: A Baseline Report. o
- 340 Mitochondrial genome and phylogenetic analysis of Chaohu duck. **2022**, 147018 o
- 339 *Arthrobacter polaris* sp. nov., a new cold-adapted member of the family Micrococcaceae isolated from Antarctic fellfield soil. **2022**, 72, o
- 338 Systematics and evolution of predatory flower flies (Diptera: Syrphidae) based on exon-capture sequencing. 1
- 337 West Side Story: A molecular and morphological study of *Caridina longicarpus* Roux, 1926 (Decapoda, Caridea, Atyidae) from New Caledonia reveals a new species. **2022**, 44, o
- 336 Genome Sequence of the Diploid Yeast *Debaryomyces hansenii* TMW 3.1188. o
- 335 Magnitude and genotype of hepatitis delta virus among chronic hepatitis B carriers with a spectrum of liver diseases in Ethiopia. **2022**, 100770 o
- 334 Identification of Forensically Important Carrion Beetles (Coleoptera: Staphilinidae) in China Based on COI and COII. o
- 333 Environmental gradients reveal stress hubs predating plant terrestrialization. o

- 332 Luminescent characteristics and mitochondrial COI barcodes of nine cohabitated Taiwanese fireflies. 10, e14195 ○
- 331 Compost-derived thermophilic microorganisms producing glycoside hydrolase activities as new potential biocatalysts for sustainable processes. ○
- 330 Whole-genome sequencing and genome-scale metabolic modeling of *Chromohalobacter canadensis* 85B to explore its salt tolerance and biotechnological use. **2022**, 11, ○
- 329 Quantifying the uncertainty of assembly-free genome-wide distance estimates and phylogenetic relationships using subsampling. **2022**, 13, 817-829.e3 ○
- 328 Understanding the role of Ca²⁺ via transient receptor potential (TRP) channel in viral infection: implications in developing future antiviral strategies. **2022**, 198992 ○
- 327 Suramin action in African trypanosomes involves a RuvB-like DNA helicase. ○
- 326 Phylogenetic and molecular dating analyses of *Catasetum* (Orchidaceae) indicate a recent origin and artificial subgeneric groups. ○
- 325 Studies on antimicrobial stress with reference to biofilm formation of faecal microbial communities from Apatani tribe of Arunachal Pradesh. **2022**, ○
- 324 A new oerstediid discovered from wood falls in the Sea of Kumano, Japan: Description of *Rhombonemertes rublinea* gen. et sp. nov. (Nemertea: Eumonostilifera). **2022**, 301, 154-162 ○
- 323 Glycogen-related genes play potential roles in immune response of *Ruditapes philippinarum* under *Vibrio parahaemolyticus* challenge. **2023**, 563, 738954 ○
- 322 Functional Characterization and Structural Modeling of a Novel Glycine Oxidase from *Variovorax paradoxus* Iso1. ○
- 321 *Clostridium aromaproducens* sp. nov., isolated from pit mud used for producing Wuliangye baijiu. ○
- 320 MALDI-TOF MS database expansion for identification of *Bacillus* and related genera isolated from a pharmaceutical facility. **2022**, 106625 ○
- 319 A new â€œDuck-billedâ€ dinosaur (*Ornithischia*: *Hadrosauridae*) from the upper Campanian of Texas points to a greater diversity of early hadrosaurid offshoots. **2022**, 105416 ○
- 318 Genome-wide identification and expression analysis of anaphase promoting complex/cyclosome (APC/C) in rose. **2022**, ○
- 317 Inference of Phylogenetic Networks from Sequence Data using Composite Likelihood. ○
- 316 Extreme harmful algal blooms, climate change, and potential risk of eutrophication in Patagonian fjords: insights from an exceptional *Heterosigma akashiwo* fish-killing event. **2022**, 102921 ○
- 315 Alkaline protease production by thermotolerant *Bacillus* sp. KU-K2, from non-rubber skim latex through the non-sterile system and its enzymatic characterization. **2022**, 102542 ○

- 314 Exploration of the autonomous replication region and its utilization for expression vectors in cyanobacteria.. o
- 313 *Onchobothrium malakhovi* n. sp. (Cestoda: Onchoproteocephalidea) ex *Bathyraja* (Arctoraja) *sexoculata* (Rajiformes: Arhynchobatidae) from Kuril Islands (Russia), with comments on the status of the genus *Onchobothrium*. **2022**, 102709 o
- 312 Genetic diversity in *Babesia bovis* from southern Africa and estimation of *B. bovis* infection levels in cattle using an optimised quantitative PCR assay. **2022**, 102084 o
- 311 Characterization of an Amylolytic Enzyme from *Massilia timonae* of the GH13_19 Subfamily with Mixed Maltogenic and CGTase Activity. o
- 310 The *Ruminococcus bromii* amylosome protein Sas6 binds single and double helical β -glucan structures in starch.. o
- 309 Eco-friendly degradation of reactive red 195, reactive blue 214, and reactive yellow 145 by *Klebsiella pneumoniae* MW815592 isolated from textile waste. **2023**, 204, 106659 o
- 308 SMRT sequencing and characterization of putative hydroxycinnamoyl-CoA: Quinate/shikimate acid hydroxycinnamoyl transferase (HQT/HCT) genes responsible for biosynthesis of structurally diverse chlorogenic acids in *Bidens pilosa*. **2023**, 152, 92-105 o
- 307 *Corynebacterium antarcticum* sp. nov., *Corynebacterium marambiense* sp. nov., *Corynebacterium meridianum* sp. nov., and *Corynebacterium pygosceleis* sp. nov., isolated from Adlie penguins (*Pygoscelis adeliae*). **2023**, 46, 126390 o
- 306 Bioactivity of bacteria associated with Red Sea nudibranchs and whole genome sequence of *Nocardiopsis dassonvillei* RACA-4. **2023**, 67, 101004 o
- 305 Phylogenetic analysis of the genus *Miscanthus* and its relative genera (Poaceae) in China. **2023**, 192, 116113 o
- 304 Functional identification of moss PpGATA1 provides insights into the evolution of LLM-domain B-GATA transcription factors in plants. **2023**, 855, 147103 o
- 303 Genetic and kinship analysis of *Kenanga* (*Cananga odorata*) from North Sumatra. **2022**, o
- 302 Description of *Pseudogemmobacter faecipullorum* sp. nov., isolated from poultry manure. **2022**, 369, o
- 301 Evaluation of Genetic Variability among Three *Pistacia* Species Using Internal Transcribed Spacer 1 (ITS1) Marker. **2022**, 14, 1051 o
- 300 Inclusion Body Disease and Columbid Alphaherpesvirus 1 Infection in a Eurasian Eagle-Owl (*Bubo bubo*) of Central Italy. **2022**, 66, o
- 299 Genetic variability, biomass parameters, elemental composition and energy content of the non-indigenous hydromedusa *Craspedacusta sowerbii* in North America. o
- 298 Five new species of the giant pill-millipedes of the genera *Zephronia* and *Sphaerobelum*, from China (Diplopoda: Sphaerotheriida: Zephroniidae). **2022**, 58, 499-524 o
- 297 Genetic Diversity of *Paryphthimoides poltys* (Nymphalidae: Satyrinae: Euptychiina) in a Fragmented Agricultural Landscape in the Brazilian Atlantic Forest. **2022**, 76, o

- 296 Genetic diversity and pathogenicity of *Fusarium fujikuroi* species complex (FFSC) causing sugarcane pokkah boeng disease in China. o
- 295 Co-infection of Peruvian horse sickness virus and West Nile virus associated with neurological diseases in horses from Brazil. **2022**, 8, e12097 o
- 294 Characterization and identification of fungicide insensitive *Pestalotiopsis*-like species pathogenic to tea crop in India. **2023**, 39, o
- 293 Emergence of *Anaplasma* Species Related to *A. phagocytophilum* and *A. platys* in Senegal. **2023**, 24, 35 o
- 292 Prevalence and Molecular Characterization of *Babesia ovis* Infecting Sheep in Nigeria. **2022**, 14, 16974 o
- 291 Identification of beneficial Lebanese *Trichoderma* spp. wheat endophytes. 13, o
- 290 Genome Analysis of *Halomonas elongata* Strain 153B and Insights Into Polyhydroxyalkanoate Synthesis and Adaptive Mechanisms to High Saline Environments. **2023**, 80, o
- 289 Bioinformatics analyses of embryoid genes in oil palm tissue culture (*Elaeis guineensis* Jacq.). **2022**, 1115, 012034 o
- 288 Perils of Underestimating Species Diversity: Revisiting Systematics of *Psammocambeva* Catfishes (Siluriformes: Trichomycteridae) from the Rio Paraíba do Sul Basin, South-Eastern Brazil â **2022**, 2, 491-523 2
- 287 Chicken GLUT4 undergoes complex alternative splicing events and its expression in striated muscle changes dramatically during development. **2022**, 102403 o
- 286 Dynamics of extended-spectrum cephalosporin resistance genes in *Escherichia coli* from Europe and North America. **2022**, 13, 1
- 285 *Ehrlichia canis*: Molecular characterization and genetic diversity based on the p28 and trp36 genes. **2022**, o
- 284 18 S r DNA sequenceâstructure phylogeny of the Euglenophyceae (Euglenozoa, Euglenida). o
- 283 *Allium sulaimanicum*: A new *Allium* species and section from Pakistan. 13, o
- 282 *Chryseolinea lacunae* sp. nov. and *Piscinibacter lacus* sp. nov. Isolated from Artificial Pond Water. **2023**, 80, o
- 281 Distribution, cholesterol-lowering and immunomodulation effects of lactic acid bacteria from fermented mussel (Hoi-dong). **2022**, 8, e12272 o
- 280 Chemical Constituents and Anti-Angiogenic Principles from a Marine Algicolous *Penicillium sumatraense* SC29. **2022**, 27, 8940 o
- 279 *Fervidobacterium pennivorans* subsp. *keratinolyticus* subsp. nov., a Novel Feather-Degrading Anaerobic Thermophile. **2023**, 11, 22 o

- 278 The Utility of 28S rDNA for Barcoding of Freshwater Sponges (Porifera, Spongillida). **2022**, 14, 1126 ○
- 277 *Devosia oryzae* sp. nov., a novel moderately halotolerant bacterium isolated from the roots of rice plants and genome mining revealed the biosynthesis potential as plant growth promoter. ○
- 276 Molecular Phylogeny Supports the Monophyly of the Mite Supercohort Eupodides (Acariformes: Trombidiformes) and Greatly Coincides with Traditional Morphological Definition of the Taxon. **2022**, 72, ○
- 275 Phylogenetic Position of *Centroglossa* and *Dunstervillea* (Ornithocephalus Clade: Oncidiinae: Orchidaceae) Based on Molecular and Morphological Data. **2022**, 47, 927-937 ○
- 274 Diversity of human astroviruses in Germany 2018 and 2019. **2022**, 19, ○
- 273 *Sphingomonas liriopsis* sp. nov., *Sphingomonas donggukensis* sp. nov., and *Sphingomonas tagetis* sp. nov., isolated from *Liriope platyphylla* fruit, soil, and *Tagetes patula* roots. **2023**, 205, ○
- 272 Development of a specific and sensitive diagnostic PCR for rapid molecular authentication of the medicinal plant *Portulaca oleracea*. **2022**, 101890 ○
- 271 Novel Plant Growth Regulator Guvermectin from Plant Growth-Promoting Rhizobacteria Boosts Biomass and Grain Yield in Rice. ○
- 270 A Novel Subfamily GH13_46 of the α -Amylase Family GH13 Represented by the Cyclomaltodextrinase from *Flavobacterium* sp. No. 92. **2022**, 27, 8735 1
- 269 Molecular Characterization of Five Novel Plasmids from *Enterococcus italicus* SD1 Isolated from Fermented Milk: An Insight into Understanding Plasmid Incompatibility. **2022**, 147154 ○
- 268 Additional Taxonomic Information for *Lamproglana hemprichii* (Copepoda: Lernaeyidae) Based on Scanning Electron Microscopy and Genetic Characterization, Alongside Some Aspects of Its Ecology. **2022**, 40, ○
- 267 The MHC-E Locus Is the Most Well Conserved of All Known Primate Class I Histocompatibility Genes. **1998**, 160, 189-196 8
- 266 Use of an Integrated Approach Involving AlphaFold Predictions for the Evolutionary Taxonomy of Duplodnaviria Viruses. **2023**, 13, 110 ○
- 265 Genome-Wide Analysis of Lipoxygenase (LOX) Genes in Angiosperms. **2023**, 12, 398 ○
- 264 Contribution of integrative taxonomy of ichthyoplankton to knowledge on mesopelagic fish biodiversity in the Northeastern Mediterranean. **2023**, 53, ○
- 263 Associations between media exposure and mental health among children and parents after the Great East Japan Earthquake. **2023**, 14, ○
- 262 Systematics and Phylogenetic Placement of *Panicum* L. Species within the Melinidinae Based on Morphological, Anatomical, and Molecular Data (Poaceae, Panicoideae, Paniceae). **2023**, 12, 399 ○
- 261 The complete mitochondrial genome of the Brambling *Fringilla montifringilla* (Passeriformes: Fringillidae) from Maor Mountain, China. **2023**, 8, 34-37 ○

- 260 Molecular Cloning and Characterization of a Novel CD1 Gene from the Pig. **1999**, 162, 6562-6571 5
- 259 Analysis of a 26-kb Region Linked to the Mhc in Zebrafish: Genomic Organization of the Proteasome Component ~~β~~Transporter Associated with Antigen Processing-2 Gene Cluster and Identification of Five New Proteasome ~~β~~Subunit Genes. **1999**, 163, 2657-2666 4
- 258 Alleviation of salt stress in winter wheat by *Pantoea* spp. endophytes isolated from spontaneous desert plants of the Sahara. 1-22 0
- 257 The Embryonic Origin of Primordial Germ Cells in the Tardigrade *Hypsibius exemplaris*. 0
- 256 *Weizmannia acidilactici* sp. nov., a lactic acid producing bacterium isolated from soils. **2023**, 46, 126389 0
- 255 Isolation of Novel Bacterial Strains *Pseudomonas extremaustralis* CSW01 and *Stutzerimonas stutzeri* CSW02 from Sewage Sludge for Paracetamol Biodegradation. **2023**, 11, 196 0
- 254 Genetic Divergence and Connectivity among Gene Pools of *Polyprion americanus*. **2023**, 13, 302 0
- 253 Enchytraeidae (Annelida: Oligochaeta) from the North-Western Caucasus, Russia, with the Description of *Fridericia gongalskyi* sp. nov.. **2023**, 15, 106 0
- 252 Genetic diversity and population structure of sorghum [*Sorghum bicolor* (L.) Moench] genotypes in Ethiopia as revealed by microsatellite markers. **2023**, 9, e12830 0
- 251 Sensing of viral RNA in plants via a DICER-LIKE Ribonuclease. 0
- 250 Identification and taxonomy of *Streptomyces justiciae* strain RA-WS2: a novel setomimycin producing actinobacterium. **2023**, 13, 0
- 249 Insecticidal activities of *Streptomyces* sp. KSF103 ethyl acetate extract against medically important mosquitoes and non-target organisms. **2023**, 13, 1
- 248 The complete mitochondrial genome of *Dascyllus trimaculatus* (R~~ö~~pell, 1829). **2023**, 8, 105-106 1
- 247 Members of *Ensifer* and *Rhizobium* genera are new bacterial endosymbionts nodulating *Pisum sativum* (L.). 0
- 246 MtCLE08, MtCLE16, and MtCLE18 Transcription Patterns and Their Possible Functions in the Embryogenic Calli of *Medicago truncatula*. **2023**, 12, 435 0
- 245 Variability in Nutrient Use by Orchid Mycorrhizal Fungi in Two Medium Types. **2023**, 9, 88 0
- 244 Utilization of microalgae, *Chlorella* sp. UMT LF2 for bioremediation of *Litopenaeus vannamei* culture system and harvesting using bio-flocculant, *Aspergillus niger*. **2023**, 47, 102596 0
- 243 dentist: Computing uncertainty by sampling points around maximum likelihood estimates. 0

- 242 Evolutionary Landscape of SOX Genes to Inform Genotype-to-Phenotype Relationships. **2023**, 14, 222 o
- 241 Molecular characterization of haemosporidian and haemogregarine diversity in southwestern Iberian amphibians and reptiles. o
- 240 *Curtobacterium uspiensis* sp. nov., an endophytic bacterium isolated from *Citrus sinensis* (sweet orange) in Brazil. o
- 239 Detection and genetic diversity of porcine rotavirus A, B and C in eastern Australian piggeries. o
- 238 Differentiation of *Escherichia fergusonii* and *Escherichia coli* Isolated from Patients with Inflammatory Bowel Disease/Ischemic Colitis and Their Antimicrobial Susceptibility Patterns. **2023**, 12, 154 o
- 237 Three Phages One Host: Isolation and Characterization of *Pantoea agglomerans* Phages from a Grasshopper Specimen. **2023**, 24, 1820 o
- 236 Thrips composition in cotton agroecosystem: a single species or a species complex?. o
- 235 Detection of "Candidatus *Phytoplasma prunorum*" in Apricot Trees and its Associated Psyllid Samples. **2023**, 13, 199 o
- 234 Morphological and molecular identification of plant pathogenic fungi associated with necrotic wood tissues of pomegranate trees in Iran. o
- 233 Isolation and Identification of Autochthonous Lactic Acid Bacteria from Commonly Consumed African Indigenous Leafy Vegetables in Kenya. **2023**, 2, 1-20 1
- 232 A new *Pipistrelle* bat from the oceanic Island of Príncipe (Western Central Africa). o
- 231 Molecular and Morphometric Update on Italian *Salicornia* (Chenopodiaceae), with a Focus on the Species *S. procumbens* s. l.. **2023**, 12, 375 o
- 230 Genetic basis underlying Lassa fever endemics in the Mano River region, West Africa. **2023**, 579, 128-136 o
- 229 Microbial detoxification of 3,5-xyleneol via a novel process with sequential methyl oxidation by *Rhodococcus* sp. CHJ602. **2023**, 220, 115258 o
- 228 First report on the molecular characteristics of mcr-1 colistin resistant *E. coli* isolated from retail broiler meat in Bangladesh. **2023**, 388, 110065 o
- 227 Molecular characterization and estimation of cellulolytic potential of gut bacteria isolated from four white grub species native to Indian Himalayas. **2023**, 26, 102036 o
- 226 Description and genomic characterization of *Nocardioides bruguiera* sp. nov., isolated from *Bruguiera gymnorhiza*. **2023**, 46, 126391 o
- 225 Description of *Vishniacozyma terrae* sp. nov. and *Dioszegia terrae* sp. nov., Two Novel Basidiomycetous Yeast Species Isolated from Soil in Korea. **2022**, 50, 439-447 o

- 224 Asteroid: a new algorithm to infer species trees from gene trees under high proportions of missing data. **2023**, 39, ○
- 223 Probing of an Appreciable Antimicrobial Compound Producing *Lactobacillus* Strain from Milk Products of Thanjavur Region, Tamil Nadu and its Enhanced Production. **2022**, 19, 917-925 1
- 222 Preservation Methods in Isolates of *Sporothrix* Characterized by Polyphasic Approach. **2023**, 9, 34 ○
- 221 *Thauera* sp. in Hydrogen-Based Denitrification: Effects of Plentiful Bicarbonate Supplementation on Powerful Nitrite Reducer. **2023**, 15, 277 ○
- 220 Molecular Epidemiology of Cystic Echinococcosis in Rural Baluchistan, Pakistan: A Cross-Sectional Study. **2023**, 12, 40 ○
- 219 Diversity of Filamentous Fungi Associated with Dairy Processing Environments and Spoiled Products in Brazil. **2023**, 12, 153 ○
- 218 Biofilm Inhibitory Activity of Actinomycete-Synthesized AgNPs with Low Cytotoxic Effect: Experimental and In Silico Study. **2023**, 11, 102 ○
- 217 New record of larval-pupal endoparasitoid *Exorista deligata* parasitising Indian Tea looper *Hyposidra talaca* from India. ○
- 216 Identifying equally scoring trees in phylogenomics with incomplete data using Gentrus. ○
- 215 Genomic analysis of an ultrasmall freshwater green alga, *Medakamo hakoo*. **2023**, 6, ○
- 214 Polyploid hybrid speciation in the *Calcarata* species complex of *Viola* section *Melanium* (Violaceae): relating hybrid species to parent species distribution and ecology. ○
- 213 Unreported cytochalasins from an acid-mediated transformation of cytochalasin J isolated from *Diaporthe* cf. *ueckeri*. **2023**, 105434 ○
- 212 Molecular phylogeny and taxonomy of the remarkable genus *Leptoporus* (Polyporales, Basidiomycota) with description of a new species from Southwest China. 12, ○
- 211 *Penicillium citreosulfuratum* Isolated from Corroded Parts of a Hydroelectric Power Plant: Characterization and Control with Essential Oils. 66, ○
- 210 High-throughput sequencing application in the detection and discovery of viruses associated with the regulated citrus leprosis disease complex. 13, ○
- 209 Selection of the methylotrophic yeast *Ogataea minuta* as a high-producing host for heterologous protein expression. **2023**, ○
- 208 C-, N-, S-, and P-Substrate Spectra in and the Impact of Abiotic Factors on Assessing the Biotechnological Potential of *Paracoccus pantotrophus*. **2023**, 3, 175-198 ○
- 207 First report of *Achlya bisexualis* infection in captive-reared endangered golden mahseer *Tor putitora*. ○

- 206 Compost-derived thermophilic microorganisms producing glycoside hydrolase activities as new potential biocatalysts for sustainable processes. **2023**, 10, ○
- 205 Phylogenetic Relationships in the Group Caespitosa of Paspalum L. (Poaceae, Panicoideae, Paspaleae). **2023**, 15, 134 ○
- 204 Partially Recursively Induced Structured Moderation (PRISM) for modeling racial differences in endometrial cancer survival. **2023**, 18, e0268221 ○
- 203 Oceanic photosynthetic picoeukaryotes make a significant contribution to global oceanic meta-metabolism, indicating that cellular and genome streamlining confer ecological success. ○
- 202 Identification, Characterization, and Control of Black Spot on Chinese Kale Caused by *Sphaerobolus cuprophilus* sp. nov.. **2023**, 12, 480 ○
- 201 Description and Genomic Analysis of the First Facultatively Lithoautotrophic, Thermophilic Bacteria of the Genus *Thermaerobacter* Isolated from Low-temperature Sediments of Lake Baikal. ○
- 200 *Chryseobacterium paludis* sp. nov. and *Chryseobacterium foetidum* sp. nov. Isolated from the Aquatic Environment, South Korea. **2023**, 61, 37-47 ○
- 199 Comparative genomic and functional annotation of *Pseudomonas* spp. genomes responsible for blue discoloration of Brazilian fresh soft cheese. **2023**, 140, 105605 ○
- 198 Description of *Defluviimonas salinarum* sp. nov. with the potential of benzene-degradation isolated from saltern in the Yellow Seacoast. **2023**, 370, ○
- 197 Unraveling Polyphyly in *Flourensia* (Asteraceae, Heliantheae, Enceliinae) and the Establishment of a New Genus *Austroflourensia*. **2023**, 95, ○
- 196 Molecular data confirm the presence of the Southern Crested Newt *Triturus karelinii* (Strauch, 1870) in Anatolia. **2023**, 69, 13-18 ○
- 195 X-ray microtomography of the late Carboniferous whip scorpions (Arachnida, Thelyphonida) *Geralinura britannica* and *Proschizomus petrunkevitchi*. **2023**, 21, ○
- 194 Quality analysis of genomic DNA and authentication of fisheries products based on distinct methods of DNA extraction. **2023**, 18, e0282369 ○
- 193 Assessing Growth-Promoting Activity of Bacteria Isolated from Municipal Waste Compost on *Solanum lycopersicum* L.. **2023**, 9, 214 ○
- 192 Bioleaching of Sulfide Minerals by *Leptospirillum ferriphilum* CC from Polymetallic Mine (Armenia). **2023**, 13, 243 ○
- 191 Diversity, Distribution, and Habitat Association of Anuran Species from Keffa, Southwest Ethiopia. **2023**, 15, 300 ○
- 190 Evolutionary History and Taxonomic Reclassification of the Critically Endangered Daggernose Shark, a Species Endemic to the Western Atlantic. **2023**, 2023, 1-16 ○
- 189 Those Nematode-Trapping Fungi That are not Everywhere: Hints Towards Soil Microbial Biogeography. ○

- 188 Development of control strategies for bacteria and fungi associated with a micropropagated new cultivar of orange-fleshed sweet potato (*Ipomoea batatas* cv. AgrosaviaâAurora). o
- 187 Isolation and Screening of Polyhydroxybutyrate (PHB) Producing Bacteria from Soils. o
- 186 Long Eared Owls (*Asio otus* Linnaeus, 1758) as Field-Assistants in an Integrative Taxonomy Survey of a Peculiar *Microtus savii* (Rodentia, Cricetidae) Population. **2023**, 13, 4703 o
- 185 Rediscovery and conservation of *Actinodaphne quercina* Blume (Lauraceae), an endemic and Critically Endangered tree last collected in 1841. **2023**, 72, 126349 o
- 184 First Report of Multiple *Rickettsia* sp., *Anaplasma* sp., and *Ehrlichia* sp. in the San Miguel Department of El Salvador from Zoonotic Tick Vectors. **2023**, 106909 o
- 183 Clinical Outcomes and Phylogenetic analysis in Reflection with Three Predominant Clades of SARS-CoV -2 Variants. o
- 182 Genome-Wide Identification and Characterization of Olfactory Receptor Genes in Silver Sillago (*Sillago sihama*). **2023**, 13, 1232 o
- 181 *Fusarium mindanaoense* sp. nov., a New *Fusarium* Wilt Pathogen of Cavendish Banana from the Philippines Belonging to the *F. fujikuroi* Species Complex. **2023**, 9, 443 o
- 180 Southernmost record of *Rhachotropis aculeata* (Lepechin, 1780) (Crustacea: Amphipoda: Eusiridae) in the Pacific Ocean with notes on the geographical genetic divergence. **2023**, 53, o
- 179 Isolation and characterization of a novel l-Methionine producer from Mahanadi river site in Sambalpur district of Odisha, India. **2023**, 49, 102659 o
- 178 A proteomic overview of the major venom components from *Tityus championi* from Panama. **2023**, 227, 107082 o
- 177 Multi-faceted analysis of bacterial transformation of nitrofurantoin. **2023**, 874, 162422 o
- 176 *Trichoderma reesei* induces defense-related biochemical markers associated with resistance to *Fusarium dieback* in tea crop. **2023**, 180, 105200 o
- 175 The embryonic origin of primordial germ cells in the tardigrade *Hypsibius exemplaris*. **2023**, 497, 42-58 o
- 174 Population structure and genetic diversity of tobacco mild green mosaic virus variants in Western Anatolia of Turkey. **2023**, 125, 102008 o
- 173 *Ancylobacter mangrovi* sp. nov., a novel endophytic bacterium isolated form mangrove plant. **2023**, 46, 126419 o
- 172 In silico characterization of Ajmaline biosynthesis pathway genes in plants. **2023**, 34, 100420 o
- 171 Phylogenomics reconciles molecular data with the rich fossil record on the origin of living turtles. **2023**, 183, 107773 o

- 170 Molecular identification and genetic diversity of equine ocular setariasis in Thailand based on the COI, 12S rDNA, and ITS1 regions. **2023**, 110, 105425 ○
- 169 Mechanisms of nucleation and defect growth in undercooled melt containing oxide clusters. **2023**, 118942 ○
- 168 Mercury remediation potential of mercury-resistant strain *Rheinheimera metallidurans* sp. nov. isolated from a municipal waste dumping site. **2023**, 257, 114888 ○
- 167 Effect of propionate-cultured sludge augmentation on methane production from upflow anaerobic sludge blanket systems treating fresh landfill leachate. **2023**, 881, 163434 ○
- 166 Raising the suspicion of a non-autochthonous infection: identification of *Leishmania guyanensis* from Costa Rica exhibits a Leishmanivirus related to Brazilian north-east and French Guiana viral genotypes. 117, ○
- 165 New genetic lineage of whipworm present in Bactrian camel (*Camelus bactrianus*). **2023**, 315, 109886 ○
- 164 Avian Reoviruses from Clinical Cases of Tenosynovitis: An Overview of Diagnostic Approaches and 10-Year Review of Isolations and Genetic Characterization. **2023**, 66, ○
- 163 Morpho-Molecular Discordance? Re-Approaching Systematics of *Cambeva* (Siluriformes: Trichomycteridae) from the Guaratuba-Babitonga-Itapocu Area, Southern Brazil. **2023**, 8, 63 1
- 162 Molecular Detection of some Staphylococcal species with the newly developed folp gene sequences. **2022**, 5099-5105 ○
- 161 An updated analysis of hominin phylogeny with an emphasis on re-evaluating the phylogenetic relationships of *Australopithecus sediba*. **2023**, 175, 103311 ○
- 160 Impact of Starch Binding Domain Fusion on Activities and Starch Product Structure of 4- α -Glucanotransferase. **2023**, 28, 1320 ○
- 159 New Insights on Endophytic Microbacterium-Assisted Blast Disease Suppression and Growth Promotion in Rice: Revelation by Polyphasic Functional Characterization and Transcriptomics. **2023**, 11, 362 ○
- 158 Assessing Outlier Probabilities in Transcriptomics Data When Evaluating a Classifier. **2023**, 14, 387 ○
- 157 Multi-modality data-driven analysis of diagnosis and treatment of psoriatic arthritis. **2023**, 6, ○
- 156 Molecular surveillance of Kelch-13 gene in *Plasmodium falciparum* field isolates from Mayurbhanj District, Odisha, India, and in silico artemisinin-Kelch-13 protein interaction study. **2023**, 122, 717-727 ○
- 155 *Arthrobacter hankyongi* sp. nov., Isolated From Wet Land. **2023**, 80, ○
- 154 Serological and Molecular Evidence of Pathogenic *Leptospira* spp. in Stray Dogs and Cats of Sicily (South Italy), 2017–2021. **2023**, 11, 385 ○
- 153 Expanding the Bacterial Diversity of the Female Urinary Microbiome: Description of Eight New *Corynebacterium* Species. **2023**, 11, 388 ○

- 152 TEMPRANILLO homologs in apple regulate flowering time in the woodland strawberry *Fragaria vesca*. **2023**, 13, ○
- 151 Next-Generation Sequencing of the Complete Huaibei Grey Donkey Mitogenome and Mitogenomic Phylogeny of the Equidae Family. **2023**, 13, 531 ○
- 150 Genetic diversity analysis of severely infesting invasive thrips, *Thrips parvispinus* (Karny) in chilli (*Capsicum annuum* L.) in India. **2023**, 51, 227-239 ○
- 149 Four New Species of *Russula* Subsection *Sardoninae* from China. **2023**, 9, 199 ○
- 148 Competitiveness and Phylogenetic Relationship of Rhizobial Strains with Different Symbiotic Efficiency in *Trifolium repens*: Conversion of Parasitic into Non-Parasitic Rhizobia by Natural Symbiotic Gene Transfer. **2023**, 12, 243 ○
- 147 *Nocardiopsis changdeensis* sp. nov., an endophytic actinomycete isolated from the roots of *Eucommia ulmoides* Oliv. **2023**, 76, 191-197 ○
- 146 Study on the insecticidal activity of entomopathogenic fungi for the control of the fruit fly (*Anastrepha obliqua*), the main pest in mango crop in Colombia. **2023**, 205, ○
- 145 *Lactiplantibacillus argentoratensis* and *Candida tropicalis* Isolated from the Gastrointestinal Tract of Fish Exhibited Inhibitory Effects against Pathogenic Bacteria of Nile Tilapia. **2023**, 10, 129 ○
- 144 An Update of the *Cenchrinae* (Poaceae, Panicoideae, Paniceae) and a New Genus for the Subtribe to Clarify the Dubious Position of a Species of *Panicum* L.. **2023**, 12, 749 ○
- 143 Revealing the potential regulatory relationship between HSP70, HSP90 and HSF genes under temperature stress. **2023**, 134, 108607 ○
- 142 Cowpox Viruses: A Zoo Full of Viral Diversity and Lurking Threats. **2023**, 13, 325 ○
- 141 Molecular Detection and Phylogenetic Analysis of Deformed Wing Virus and Sacbrood Virus Isolated from Pollen. **2023**, 10, 140 ○
- 140 Potential of carvacrol as plant growth-promotor and green fungicide against fusarium wilt disease of perennial ryegrass. 14, ○
- 139 Evidence of phenotypic plasticity in *Alloteuthis media* (Linnaeus, 1758) from morphological analyses on North Sea specimens and DNA barcoding of the genus *Alloteuthis* Wlker, 1920 across its latitudinal range. **2023**, 170, ○
- 138 Enhanced uricase production using novel *Escherichia marmotae* strain (DJDSS001): Characterization and optimization. **2023**, 48, 102649 ○
- 137 New Features of Acidophilic Bacteria of the Genus *Sulfobacillus*: Polysaccharide Biosynthesis and Degradation Pathways. **2023**, 13, 255 ○
- 136 Evaluating the Fungal Pathogens' Inhibition Efficiency of Composite Film Combined with Antagonistic Yeasts and Sodium Alginate on Peach. **2023**, 13, 417 ○
- 135 *Nonomurea sediminis* sp. nov., a novel actinobacterium with antimicrobial activity, isolated from sediment of Dianchi Lake. **2023**, 205, ○

- 134 Validation of an in-house *Sarcosystis fusiformis* glycoprotein-based ELISA for the serodiagnosis of sarcocystosis in buffaloes. o
- 133 *Lactococcus intestinalis* sp. nov., a new lactic acid bacterium isolated from intestinal contents in Alzheimer's disease mice. o
- 132 Molecular-Based Taxonomic Inferences of Some Spider Mite Species of the Genus *Oligonychus* Berlese (Acari, Prostigmata, Tetranychidae). **2023**, 14, 192 1
- 131 *Maribacter halichondris* sp. nov., isolated from the marine sponge *Halichondria panicea*. o
- 130 The genetic equidistance and maximum genetic diversity hypothesis: Smoke and mirrors?. o
- 129 Experimental Infection of Domestic Pigs (*Sus scrofa*) with Rift Valley Fever Virus. **2023**, 15, 545 o
- 128 Three new yeast species from flowers of *Camellia sinensis* var. *assamica* collected in Northern Thailand and their tannin tolerance characterization. 14, o
- 127 The alga *Bracteacoccus bullatus* (Chlorophyceae) isolated from snow, as a source of oil comprising essential unsaturated fatty acids and carotenoids. **2023**, 35, 649-660 o
- 126 Extended-spectrum β -lactamases -producing Enterobacteriaceae from abattoir wastes. 1-12 o
- 125 Individual and Geographic Variation in Non-Harmonic Phases of Male Capercaillie (*Tetrao urogallus*) Song. **2023**, 13, 765 o
- 124 Segregation of the genus *Parahypoxylon* (Hypoxylaceae, Xylariales) from *Hypoxylon* by a polyphasic taxonomic approach. 95, 131-162 2
- 123 Insights into the Bioinformatics and Transcriptional Analysis of the Elongator Complexes (ELPs) Gene Family of Wheat: TaELPs Contribute to Wheat Abiotic Stress Tolerance and Leaf Senescence. **2023**, 12, 952 o
- 122 Risk of Exposure to *Coccidioides* spp. in the Temblor Special Recreation Management Area (SRMA), Kern County, CA. **2023**, 11, 518 o
- 121 Identification and Characterization of *Fusarium* Species Causing Watermelon Fruit Rot in Northern Thailand. **2023**, 12, 956 o
- 120 Characterization of cereal cyst nematodes in wheat using morphometrics, SCAR markers, RFLP, and rDNA-ITS sequence analyses. **2023**, 48, 207-216 o
- 119 New Insights into the Taxonomy of Malacopsylloidea Superfamily (Siphonaptera) Based on Morphological, Molecular and Phylogenetic Characterization of *Phthiropsylla agenoris* (Malacopsyllidae) and *Polygenis (Polygenis) rimatus* (Rhopalopsyllidae). **2023**, 15, 308 o
- 118 Application of a novel biological-nanoparticle pretreatment to *Oscillatoria acuminata* biomass and coculture dark fermentation for improving hydrogen production. **2023**, 22, o
- 117 Impact of environmental factors on diversity of fungi in sediments from the Shenzhen River Estuary. **2023**, 205, o

- 116 DNA Barcoding of the Genus *Magnisudis* (Aulopiformes: Paralepididae) with a Coastal Record and Biological Features of *Magnisudis atlantica*. **2023**, 12, 349 ○
- 115 *Azospirillum Aestuarii* sp. nov., a Novel Nitrogen-Fixing and Aerobic Denitrifying Bacteria Isolated from an Estuary of a Freshwater River. **2023**, 80, ○
- 114 Roadmap to the study of gene and protein phylogeny and evolutionâA practical guide. **2023**, 18, e0279597 ○
- 113 Exposure to sulfur in soil explains pigmentation by pheomelanin in birds inhabiting Iceland. ○
- 112 New insights into the phylogenetic relationships of Japanese knotweed (*Reynoutria japonica*) and allied taxa in subtribe *Reynoutriinae* (Polygonaceae). 220, 83-108 ○
- 111 Potential Activity of *Arthrospira platensis* as Antioxidant, Cytotoxic and Antifungal against Some Skin Diseases: Topical Cream Application. **2023**, 21, 160 ○
- 110 Characteristics of the complete mitochondrial genome of Douhua chicken (*Gallus gallus*) and phylogenetic considerations. **2023**, 101, ○
- 109 Pangenome analysis of the genus *Herbiconiux* and proposal of four new species associated with Chinese medicinal plants. 14, ○
- 108 DNA metabarcoding of trawling bycatch reveals diversity and distribution patterns of sharks and rays in the central Tyrrhenian Sea. ○
- 107 Robustness of Felsensteinâ versus Transfer Bootstrap Supports with respect to Taxon Sampling. ○
- 106 Morphology, phylogeny, and pathogenicity of *Colletotrichum siamense* associated with leaf blight and pod rot of *Theobroma cacao* in Malaysia. ○
- 105 New records of water mites (Acari, Hydrachnidia) from Portugal revealed by DNA barcoding, with the description of *Atractides marizae* sp. nov.. 1151, 205-222 ○
- 104 Unveiling the evolutionary relationships and the high cryptic diversity in Andean rainfrogs (*Craugastoridae*: *Pristimantis myersi* group). 11, e14715 ○
- 103 Investigating an Unknown Biodiversity: Evidence of Distinct Lineages of the Endemic Chola Guitarfish *Pseudobatos percellens* Walbaum, 1792 in the Western Atlantic Ocean. **2023**, 15, 344 ○
- 102 Molecular phylogenetic study of flavonoids in medicinal plants: a case study family Apiaceae. ○
- 101 Primary study on the probiotic properties of *Lactobacillus casei* LC 304.08 following international standard. **2022**, 60, 982-992 ○
- 100 A novel durian (*Durio zibethinus* L.) homeodomain-leucine zipper (DzHD-ZIP) transcription factor 1.8 regulates the production of volatile sulfur compounds during fruit ripening. ○
- 99 Thyroid Hormone Signaling Is Required for Dynamic Variation in Opsins in the Retina during Metamorphosis of the Japanese Flounder (*Paralichthys olivaceus*). **2023**, 12, 397 ○

- 98 Diversity and roles of cysteine desulfurases in photosynthetic organisms. o
- 97 Comparative structural analysis of plant uridine diphosphate (UDP)-dependent glycosyltransferases (UGTs) in plant specialized metabolism: structures of plant UGTs for biosynthesis of steviol glycosides. o
- 96 Discovery of a novel filamentous prophage in the genome of the *Mimosa pudica* microsymbiont *Cupriavidus taiwanensis* STM 6018. 14, o
- 95 Multi-Gene Phylogeny and Taxonomy of the Wood-Rotting Fungal Genus *Phlebia* 'sensu lato' (Polyporales, Basidiomycota). **2023**, 9, 320 o
- 94 Marketed Quinoa (*Chenopodium quinoa* Willd.) Seeds: A Mycotoxin-Free Matrix Contaminated by Mycotoxigenic Fungi. **2023**, 12, 418 o
- 93 Short-chain dehydrogenases in *Haemonchus contortus*: changes during life cycle and in relation to drug-resistance. **2023**, 54, o
- 92 Molecular Identification, Pathogenesis, and Life Cycle of *Sarcocystis cruzi* from Cattle (*Bos taurus*) in New Valley Governorate, Egypt. **2023**, 2023, 1-16 o
- 91 Serological, Morphological and Molecular Diagnosis of *Mycobacterium bovis* in Cattle at Sulaimani Province of Iraq. o
- 90 Phosphate and potash solubilizing bacteria from Moroccan phosphate mine showing antagonism to bacterial canker agent and inducing effective tomato growth promotion. 14, o
- 89 The identification of retro-DNAs in primate genomes as DNA transposons mobilizing via retrotransposition. 12, 255 o
- 88 Lignin deconstruction by anaerobic fungi. **2023**, 8, 596-610 o
- 87 DNA barcoding reveals hidden nemertean diversity from the marine protected area Namuncurá-Burdwood Bank, Southwestern Atlantic. **2023**, 46, 215-234 o
- 86 Genetic tracing of the white-bellied pangolin's trade in western central Africa. o
- 85 Exclusive Biosynthesis of Pullulan Using Taguchi's Approach and Decision Tree Learning Algorithm by a Novel Endophytic *Aureobasidium pullulans* Strain. **2023**, 15, 1419 o
- 84 Hiding in Plain Sight: Phylogenomics Reveals a New Branch on the Noctuoidea Tree of Life. o
- 83 Endangered spined loach *Cobitis* species in Southwest Germany: A complex network of native, hybrid and newly emerged populations. o
- 82 Development of a colorimetric loop-mediated isothermal amplification diagnostic assay for deer tick virus. **2023**, 94, o
- 81 Survey of Edible *Amanita* in Northern Thailand and Their Nutritional Value, Total Phenolic Content, Antioxidant and α -Glucosidase Inhibitory Activities. **2023**, 9, 343 o

79	Molecular detection and phylogenetic analysis of <i>Trypanosoma evansi</i> infections in dogs from Punjab state, India.	o
78	Cloning and identification of <i>CmCC</i> and <i>NB</i> and <i>ARC</i> ; a chrysanthemum white rust resistance gene. 2023 , 3, 0-0	o
77	Five new species of Schizoporaceae (Basidiomycota, Hymenochaetales) from East Asia. 96, 25-56	o
76	<i>Golovinomyces inulae</i> U. Braun & H.D. Shin is the causative agent of powdery mildew on <i>Telekia speciosa</i> L. in Germany.	o
75	Phylogenetic Analysis of the Genus <i>Planaphrodes</i> Hamilton (Hemiptera, Cicadellidae, Aphrodinae) Based on Morphological Characteristics, with Revision of Species from China, Korea and Japan. 2023 , 14, 291	o
74	Molecular characterization of haemosporidian and haemogregarine diversity in southwestern Iberian amphibians and reptiles. 2023 , 122, 1139-1149	o
73	<i>Micromonospora thermarum</i> sp. nov., an actinobacterium isolated from hot spring soil. 2023 , 205,	o
72	De Novo Transcriptome Sequencing of <i>Codonopsis lanceolata</i> for Identification of Triterpene Synthase and Triterpene Acetyltransferase. 2023 , 24, 5769	o
71	The whole-genome shotgun sequence of a chitinolytic actinomycete, <i>Streptomyces californicus</i> TBG-201, and the in-silico studies of its chitinase-19 genes.	o
70	New insights into the phylogenetic relationships among wild onions (<i>Allium</i> , Amaryllidaceae), with special emphasis on the subgenera <i>Anguinum</i> and <i>Rhizirideum</i> , as revealed by plastomes. 14,	o
69	A contribution to the genus <i>Steccherinum</i> (Steccherinaceae, Polyporales): Introducing two new species and two new combinations of the genus. 14,	o
68	Studies on Argentine <i>Phylacia</i> species (Hypoxylaceae) using a polythetic taxonomic approach. 2023 , 22,	o
67	<i>Coccoloba</i> -associated xerocomoid boletes (Boletaceae) from the Caribbean and Mexico: <i>Tropicoboletus rubroculus</i> gen. et comb. nov., revision of <i>Xerocomus coccolobae</i> , phylogenetic assessment of <i>Singerocomus guadelupae</i> comb. nov., and type studies of <i>Xerocomus caeruleonigrescens</i> , <i>X. canripes</i> , and <i>X. pseudoboletinus</i> var. <i>pini-caribaeae</i> . 2023 , 22,	o
66	Characterization of plastic degrading bacteria isolated from sewage wastewater. 2023 , 103628	o
65	Characterization of a cyanobacterial rep protein with broad-host range and its utilization for expression vectors. 14,	o
64	New insights into the neuroprotective and beta-secretase1 inhibitor profiles of tirandamycin B isolated from a newly found <i>Streptomyces composti</i> sp. nov.. 2023 , 13,	o
63	Description of <i>Ornithinimicrobium cryptoxanthini</i> sp. nov., a Novel Actinomycete Producing β -cryptoxanthin Isolated from the Tongtian River Sediments.	o

- 62 Marek disease in chicken farms from Northwest Ethiopia: gross pathology, virus isolation, and molecular characterization. **2023**, 20, ○
- 61 Bioprospecting of desert actinobacteria with special emphases on griseoviridin, mitomycin C and a new bacterial metabolite producing *Streptomyces* sp. PU-KB10. **2023**, 23, ○
- 60 Characterization of stilbene synthase genes by comparative genome sequencing of *Vitis flexuosa* with high contents of stilbene compounds to *Vitis vinifera* genome. ○
- 59 Exaptation and vulnerability to introduced mammal herbivores on Balearic endemic flora. ○
- 58 Characteristics of Leaf Spot Disease Caused by *Didymella* Species and the Influence of Infection on Tea Quality. **2023**, 113, 516-527 ○
- 57 Culturable Endophyte Fungi of the Well-Conserved Coastal Dune Vegetation Located on the East Coast of the Korean Peninsula. **2023**, 11, 734 ○
- 56 Genomics of Invasive *Cutibacterium acnes* Isolates from Deep-Seated Infections. **2023**, 11, ○
- 55 Deep-sea anglerfish (Lophiiformes: Ceratioidei) diversity from the western North Atlantic throughout morphology and DNA barcoding. **2023**, 53, ○
- 54 Description of a Novel Fish Pathogen, *Plesiomonas shigelloides* subsp. *oncorhynchi*, Isolated from Rainbow Trout (*Oncorhynchus mykiss*): First Genome Analysis and Comparative Genomics. **2023**, 8, 179 ○
- 53 *Sulfurospirillum tamanensis* sp. nov., a Facultatively Anaerobic Alkaliphilic Bacterium from a Terrestrial Mud Volcano. **2023**, 92, 21-29 ○
- 52 Genetic diversity and population structure assessment of *Hellenia speciosa* from Indian agro-ecological regions using inter-simple sequence repeat markers. ○
- 51 Fingerprinting of Plum (*Prunus domestica*) Genotypes in Lithuania Using SSR Markers. **2023**, 12, 1538 ○
- 50 Case report: *Sarcocystis speeri*, *Aspergillus fumigatus*, and novel *Treponema* sp. infections in an adult Atlantic spotted dolphin (*Stenella frontalis*). 10, ○
- 49 DNA Barcoding and Sequence Analysis of the cpDNA *rbcl* Region in Some *Pyrus communis* L. (Rosaceae) Genotypes from Ardahan/Türkiye. ○
- 48 Primera evidencia de actividad enzimática nitrilasa en *Xylaria* sp., y su relación con la biosíntesis de ácido indol-3-actico. **2023**, ○
- 47 Identification and pathogenicity of *Nigrospora sphaerica* and *Curvularia penniseti* associated with leaf spot disease of cowpea (*Vigna unguiculata* (L.) Walp.) in Nigeria. **2023**, 56, 397-409 ○
- 46 The complete mitochondrial genome of the Critically Endangered Saba Green Iguana, *Iguana iguana* (Squamata: Iguanidae). **2023**, 8, 475-478 ○
- 45 Revisiting the bipolarity of *Roaldia revoluta* (Mitt.) P.E.A.S. Cñara & Carv.-Silva (Bryophyta, Pylaisiaceae). 1-11 ○

- 44 ATG8-dependent LMX1B-autophagy crosstalk shapes human midbrain dopaminergic neuronal resilience. **2023**, 222, ○
- 43 Phylogenetic Relationship and Molecular Divergence Dating Using SRY Gene Polymorphism about Four Ladoum Sheep Lineages in Senegal. **2023**, 13, 179-198 ○
- 42 Bee breweries: The unusually fermentative, lactobacilli-dominated brood cell microbiomes of cellophane bees. 14, ○
- 41 *Shewanella subflava* sp. nov., a novel multi-resistant bacterium, isolated from the estuary of the Fenhe River into the Yellow River. ○
- 40 *Arthrobotrys blastospora* sp. nov. (Orbiliomycetes): A Living Fossil Displaying Morphological Traits of Mesozoic Carnivorous Fungi. **2023**, 9, 451 ○
- 39 Phylogenetic Analysis of the Economically Important Hymenopterans using cytochrome oxidase 1 Enzyme Sequences. **2023**, 20, 109-119 ○
- 38 Species diversity of environmentally-transmitted bacteria colonizing *Riptortus pedestris* (Hemiptera: Alydidae) and symbiotic effects of the most dominant bacteria. ○
- 37 Crystal Structure of a Classical MHC Class I Molecule in Dogs; Comparison of DLA-88*0 and DLA-88*5 Category Molecules. **2023**, 12, 1097 ○
- 36 Genome-based classification of *Pedobacter polysacchareus* sp. nov., isolated from Antarctic soil producing exopolysaccharide. ○
- 35 DIVERISTY and enzymatic potential of indigenous bacteria from unexplored contaminated soils in Faisalabad. **2023**, 9, e15256 ○
- 34 Isolation and Genomic Characteristics of Cat-Borne *Campylobacter felis* sp. nov. and Sheep-Borne *Campylobacter ovis* sp. nov. **2023**, 11, 971 ○
- 33 Valorization of Wastewater from the Beverage Industry for Polyhydroxyalkanoate Production with Its Improved Applicability to Agricultural Use. **2023**, 234, ○
- 32 Molecular identification of *Cerodontha australis* (Diptera: Agromyzidae) and its associated pupal endoparasitoids (Hymenoptera). ○
- 31 Evaluation of the Deterioration of Untreated Commercial Polystyrene by Psychrotrophic Antarctic Bacterium. **2023**, 15, 1841 ○
- 30 Redisposition of apiosporous genera *Induratia* and *Muscodor* in the Xylariales, following the discovery of an authentic strain of *Induratia apiospora*. **2023**, 64, ○
- 29 Gibberellin 2-Oxidases in Potato (*Solanum tuberosum* L.): Cloning, Characterization, In Silico Analysis and Molecular Docking. ○
- 28 Effect of Green Synthesized ZnO-NPs on Growth, Antioxidant System Response and Bioactive Compound Accumulation in *Echinops macrochaetus*, a Potential Medicinal Plant, and Assessment of Genome Size (2C DNA Content). **2023**, 12, 1669 ○
- 27 Biochemical basis for the formation of organ-specific volatile blends in mint. 14, ○

- 26 Genetic Characterization of Raspberry Bushy Dwarf Virus Isolated from Red Raspberry in Kazakhstan. **2023**, 15, 975 ○
- 25 Genome-wide SNP analyses reveal a substantial gene flow and isolated-genetic structure of sea cucumber *Holothuria leucospilota* populations in Western Central Pacific. **2023**, 264, 106718 ○
- 24 A tough nutlet to crack: resolving the phylogeny of *Thesium* (Thesiaceae), the largest genus in Santalales. ○
- 23 Evolution and expression analysis of the caffeoyl-CoA 3-O-methyltransferase (CCoAOMT) gene family in jute (*Corchorus* L.). **2023**, 24, ○
- 22 Molecular Phylogeny, Taxonomy and Distribution Patterns of Trichomycterine Catfishes in the Middle Rio Grande Drainage, South-Eastern Brazil (Siluriformes: Trichomycteridae). **2023**, 8, 206 ○
- 21 Morpho-anatomical, and chemical characterization of some calcareous Mediterranean red algae species. **2023**, 64, ○
- 20 Heterologous Expression and Characterization of ToxA1 haplotype from India and its interaction with Tsn1 for Spot Blotch Susceptibility in spring wheat. ○
- 19 *Enterocloster alcoholdehydrogenati* sp. nov., a Novel Bacterial Species Isolated from the Feces of a Patient with Alcoholism. **2023**, 80, ○
- 18 Genetic diversity among sea snakes of the genus *Hydrophis* (Elapidae, Reptilia) in the Persian Gulf and Gulf of Oman. 1158, 121-131 ○
- 17 Taxonomy and phylogeny of *Sidera* (Hymenochaetales, Rickenella clade) from China and North America revealing two new species. 96, 173-191 ○
- 16 Diversity of Plant Growth-Promoting Endophytic Bacteria, Genome Analysis of Strain Sx8-8 and Its Rice Germination Promoting Activity. **2023**, 92, 269-283 ○
- 15 Host-Specific Diversity of Culturable Bacteria in the Gut Systems of Fungus-Growing Termites and Their Potential Functions towards Lignocellulose Bioconversion. **2023**, 14, 403 ○
- 14 Comparative genomics of the brown rot fungi *Monilinia fructicola*, *M. laxa* and *M. fructigena*. **2023**, 31-38 ○
- 13 First Isolation and Genome Sequence Analysis of West Nile Virus in Mosquitoes in Brazil. **2023**, 8, 237 ○
- 12 Lineage diversity in a widely distributed New World passerine bird, the House Wren. ○
- 11 The phylogenetic structure and coalescent species delimitation of an endemic trapdoor spider genus, *Stasimopus* (Araneae, Mygalomorphae, Stasimopidae) in the Karoo region of South Africa. **2023**, 107798 ○
- 10 A molecular phylogeny of the subfamily Plusiinae (Lepidoptera: Noctuidae) in India inferred from mitochondrial and nuclear ribosomal DNA sequences. ○
- 9 Morphological and molecular characterization of *Lasiodiplodia theobromae* associated with leaf spot and blight disease of *Coscinium fenestratum* (Gaertn.) Colebr. a new host record from India. **2023**, 76, ○

- 8 Isolation and characterization of tumorigenic bacteria associated with crown gall disease of *Prunus humilis* Bunge in China. ○
- 7 Antibigram, Genomic and Phylogeny of Stool and Seafood Isolates from Some Cholera-Prone Coastal Communities in Rivers State, Nigeria. **2023**, 11, 385-406 ○
- 6 Phenotypic Characterization and Phylogeny of *Godronia myrtilli* (Anamorph: *Topospora myrtilli*)—Causal Agent of *Godronia* Canker on Highbush Blueberry. **2023**, 12, 642 ○
- 5 A New Assessment of Robust Capuchin Monkey (*Sapajus*) Evolutionary History Using Genome-Wide SNP Marker Data and a Bayesian Approach to Species Delimitation. **2023**, 14, 970 ○
- 4 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 ○
- 3 Genome-wide identification and expression profile analysis of metal tolerance protein gene family in *Eucalyptus grandis* under metal stresses. **2023**, 23, ○
- 2 Phylogenetic and Evolutionary Analysis of Plant Small RNA 2'-O-Methyltransferase (HEN1) Protein Family. ○
- 1 *Clostridium aromativorans* sp. nov., isolated from pit mud used for producing Wuliangye baijiu. ○