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CONFIDENCE LIMITS ON PHYLOGENIES: AN APPROACH USING THE BOOTSTRAP

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- 573 Genetic characterization of the visual pigments of the red-eared turtle (*Trachemys scripta elegans*) and computational predictions of the spectral sensitivity. **2022**, 100141 ○
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- 571 Molecular insights on the conflicting generic boundaries in the *Carduncellus*-*Carthamus* complex (Compositae).
- 570 *Rhamphocottus nagaakii* (Cottoidea: Rhamphocottidae), a new species of grunt sculpin from the northwestern Pacific, with notes on the phylogeography of the genus *Rhamphocottus*.

- 569 Establishment of an allotetraploid fern species, *Lepisorus yamaokae* Seriz., between two highly niche-differentiated parental species.
- 568 Hexabothriidae and Monocotylidae (Monogenoidea) from the gills of neonate hammerhead sharks (*Sphyrnidae*) *Sphyrna gilberti*, *Sphyrna lewini*, and their hybrids from the western North Atlantic ocean. 1-48
- 567 *Croceicoccus hydrothermalis* sp. nov., isolated from shallow-sea hydrothermal system off Kueishantao Island. **2022**, 72,
- 566 Intra- and Inter-Cultivar Variability of Lavandin (*Lavandula intermedia* Emeric ex Loisel.) Landraces from the Island of Hvar, Croatia. **2022**, 12, 1864 1
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- 564 Identification of *Fusarium andiyazi* Associated with the Bakanae Disease of Rice in Turkey. **2022**, 79,
- 563 *Kazachstania surinensis* f.a., sp. nov., a novel yeast species isolated from Thai traditional fermented food. **2022**, 72,
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- 561 Comparative embryogenesis in ungulate domesticated species. 2
- 560 A sauropod from the Lower Jurassic La Quinta formation (Dept. Cesar, Colombia) and the initial diversification of eusauropods at low latitudes.
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- 545 The reevaluation of *Salacia lombardii* (Celastraceae) based on phylogenetic position and biogeographic implications. **2022**, 118, 103962
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- 538 Comparative genomic analysis of the genus *Marinomonas* and taxonomic study of *Marinomonas algarum* sp. nov., isolated from red algae *Gelidium amansii*. **2022**, 204, ○
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- 487 Proposal to transfer *Bacillus lacsalsi* Dong et al. 2021 to the genus *Alteribacter* as *Alteribacter lacsalsi* comb. nov.. **2022**, 72, ○
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- 485 Circulating Mutant of Foot and Mouth Disease virus serotype A-African- Genotype IV in Egypt during 2022. ○
- 484 Influence of pesticide-tolerant soil bacteria for disease control caused by *Macrophomina phaseolina* (Tassi.) Goid and plant growth promotion in *Vigna unguiculata* (L.) Walp. ○
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- 474 Screening of universal DNA barcodes for identifying grass species of Gramineae. 13, 0
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- 446 First occurrence of *Sclerotium rolfsii* associated with collar and root rot disease of faba bean and its in vitro chemical control. ○
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- 437 Genome-wide identification and expression analysis of glutathione S-transferase gene family to reveal their role in cold stress response in cucumber. 13, ○
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- 371 Cloning and characterization of thermophilic endoglucanase and its application in the transformation of ginsenosides. **2022**, 12, 1
- 370 *Kingella pumchi* sp. nov., an organism isolated from human vertebral puncture tissue. 0
- 369 Identification and antibacterial evaluation of endophytic actinobacteria from *Luffa cylindrica*. **2022**, 12, 0
- 368 Leucothoid amphipod and terebellid polychaete symbiosis with description of a new species of the genus *Leucothoe* Leach, 1814 (Crustacea: Amphipoda: Leucothoidae). **2022**, 20, 0
- 367 Canary Bornavirus (Orthobornavirus serini) Infections Are Associated with Clinical Symptoms in Common Canaries (*Serinus canaria dom.*). **2022**, 14, 2187 0
- 366 *Lysobacter selenitireducens* sp. nov., isolated from river sediment. **2022**, 72, 0
- 365 *Vivaria calvasensis* A new genus and species of Araceae (Araceae: Aroidea: Spathicarpeae) from southern Ecuador. **2022**, 17, e0273867 0
- 364 *Lactococcus intestinalis* sp. nov., a new lactic acid bacterium isolated from intestinal contents in Alzheimer's disease mice. 0
- 363 *Mucilaginibacter rivuli* sp. nov., isolated from a water rivulet. **2022**, 72, 0
- 362 Mollusc Crystallins: Physical and Chemical Properties and Phylogenetic Analysis. **2022**, 14, 827 0
- 361 Phylogeny and taxonomy of the genera of Erysiphaceae, part 2: Neoerysiphe. 1-14 0
- 360 Magnitude and genotype of hepatitis delta virus among chronic hepatitis B carriers with a spectrum of liver diseases in Ethiopia. **2022**, 100770 0
- 359 *Saccharothrix luteola* sp. nov., a novel cellulose-degrading actinobacterium isolated from soil and emended description of the genus *Saccharothrix*. **2022**, 72, 0
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- 357 *Hephaestia mangrovi* sp. nov., a novel endophytic bacterium isolated from *Aegiceras corniculatum*. **2022**, 72, 0
- 356 Identification of Forensically Important Carrion Beetles (Coleoptera: Staphilinidae) in China Based on COI and COII. 0
- 355 Morphology, Molecular Identification, and Pathogenicity of Two Novel *Fusarium* Species Associated with Postharvest Fruit Rot of Cucurbits in Northern Thailand. **2022**, 8, 1135 1
- 354 Genomic Analysis and Characterization of *Pseudotabrizicola formosa* sp. nov., a Novel Aerobic Anoxygenic Phototrophic Bacterium, Isolated from Sayram Lake Water. **2022**, 10, 2154 0

- 353 *Nocardioides ochotonae* sp. nov., *Nocardioides campestrisoli* sp. nov. and *Nocardioides pantholopis* sp. nov., isolated from the Qinghai-Tibet Plateau. **2022**, 72, ○
- 352 Genomic Data Mining Reveals Abundant Uncharacterized Transporters in *Coccidioides immitis* and *Coccidioides posadasii*. **2022**, 8, 1064 ○
- 351 *Salinimicrobium sediminilitoris* sp. nov., Isolated from a Tidal Flat. **2022**, 79, ○
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- 347 Daidzein Hydroxylation by CYP81E63 is involved in the Biosynthesis of Miroestrol in *Pueraria mirifica*. ○
- 346 *Gordonia zhenghanii* sp. nov. and *Gordonia liuliyuniae* sp. nov., isolated from bat faeces. **2022**, 72, ○
- 345 Detection and investigation of atypical porcine pestivirus in a swine production system. 9, ○
- 344 Phylogeny, origin and diversification of the *Dasyilirion* genus based on *matK* and *rbcl* sequences. 1-8 ○
- 343 A new species of *Impatiens* and updated checklist of Balsaminaceae in Nepal. **2022**, 17, e0274699 ○
- 342 *Fructobacillus cardui* sp. nov., isolated from a thistle (*Carduus nutans*) flower. **2022**, 72, ○
- 341 Plant autophagosomes mature into amphisomes prior to their delivery to the central vacuole. **2022**, 221, ○
- 340 Full-Length Genome of the Equine Influenza A Virus Subtype H3N8 from 2019 Outbreak in Saudi Arabia. **2022**, 12, 2720 ○
- 339 Genome-Wide Identification and Expression Analysis of Wall-Associated Kinase (WAK) Gene Family in *Cannabis sativa* L.. **2022**, 11, 2703 ○
- 338 The RNA Helicase Ski2 in the Fungal Pathogen *Cryptococcus neoformans* Highlights Key Roles in Azoles Resistance and Stress Tolerance. ○
- 337 Isolation and identification of endophytic actinobacteria from *Citrullus colocynthis* (L.) Schrad and their antibacterial properties. **2022**, 21, ○
- 336 Biofilm production in a novel polyextremophilic *Bacillus subtilis*: A strategic maneuver for survival. **2022**, 45, 102517 ○

- 335 Flower morphology and phylogenetic analysis of some *Dioscorea* species of the section *Stenophora* (Dioscoreaceae). **2022**, 308, 1
- 334 The Threat of Potentially Pathogenic Bacteria in the Feces of Bats. 0
- 333 *Acuticoccus kalidii* sp. nov., a 1-aminocyclopropane-1-carboxylate (ACC) deaminase-producing endophyte from a root of *Kalidium cuspidatum*. **2022**, 72, 0
- 332 Quantifying the uncertainty of assembly-free genome-wide distance estimates and phylogenetic relationships using subsampling. **2022**, 13, 817-829.e3 0
- 331 Phycological exploration of the global biodiversity hotspots of Northeast India: discovery of a new species of soil dwelling cyanobacteria, *Desikacharya kailashaharensis* sp. nov.. 0
- 330 Phylogeny and taxonomy of the genera of Erysiphaceae, part 1: *Golovinomyces*. 1-30 1
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- 328 Understanding the role of Ca²⁺ via transient receptor potential (TRP) channel in viral infection: implications in developing future antiviral strategies. **2022**, 198992 0
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- 325 *Glyptothorax* (Teleostei: Sisoridae) from the Middle East: An Integrated Molecular and Morphological Insight into Its Taxonomic Diversity. **2022**, 14, 884 0
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- 320 Molecular Detection of *Pentastiridius leporinus*, the Main Vector of the Syndrome Basses Richesses In Sugar Beet. **2022**, 13, 992 1
- 319 Serological and Molecular Evidence of the Circulation of the Venezuelan Equine Encephalitis Virus Subtype IIIA in Humans, Wild Vertebrates and Mosquitos in The Brazilian Amazon. **2022**, 14, 2391 0
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- 317 First Isolation and Identification of Homologous Recombination Events of Porcine Adenovirus from Wild Boar. **2022**, 14, 2400 0
- 316 *Roseovarius carneus* sp. nov., a novel bacterium isolated from a coastal phytoplankton bloom in Xiamen. **2022**, 72, 0
- 315 *Geminicoccus flavidas* sp. nov. and *Geminicoccus harenae* sp. nov., two IAA-producing novel rare bacterial species inhabiting desert biological soil crusts. 13, 0
- 314 Morphological, Pathological and Genetic Diversity of the *Colletotrichum* Species, Pathogenic on Solanaceous Vegetable Crops in Bulgaria. **2022**, 8, 1123 2
- 313 Phylogenomics and plastome evolution of a Brazilian mycoheterotrophic orchid, *Pogoniopsis schenckii*. 0
- 312 *Sutcliffiella rhizosphaerae* sp. nov. isolated from roots. **2022**, 72, 0
- 311 *Micromonospora antibiotica* sp. nov. and *Micromonospora humidisoli* sp. nov., two new actinobacterial species exhibiting antimicrobial potential. **2022**, 72, 2
- 310 Myo-D-inositol Trisphosphate Signalling in Oomycetes. **2022**, 10, 2157 0
- 309 Analysis of the population genetic structure using microsatellite markers in goat populations in Taiwan. 1-12 0
- 308 Resolution of inter/intraspecies variation in *Weissella* group requires multigene analysis and functional characterization. 0
- 307 The fifth family of the true crickets (Insecta: Orthoptera: Ensifera: Grylloidea), *Oecanthidae* defin. nov.: phylogenetic relationships and divergence times. 0
- 306 *Neobacillus rhizosphaerae* sp. nov., isolated from the rhizosphere, and reclassification of *Bacillus dielmonensis* as *Neobacillus dielmonensis* comb. nov.. **2022**, 72, 1
- 305 Biogeographical events, not cospeciation, might be the main drivers in the historical association between *Noctiliostrebla* species (Streblidae) and their bulldog bat hosts. 0
- 304 *Lysobacter sedimenti* sp. nov., Isolated from the Sediment, and Reclassification of *Luteimonas lumbrici* as *Lysobacter lumbrici* comb. nov. **2022**, 79, 0
- 303 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 0
- 302 Characterization of cuticular proteins in CPR family in the wolf spider, *Pardosa pseudoannulata*, and the response of one subfamily genes to environmental stresses. **2022**, 150, 103859 0
- 301 *Phedimus daeamensis* (Crassulaceae), a new species from Mt. Daeam in Korea. 212, 57-71 0
- 300 Glycogen-related genes play potential roles in immune response of *Ruditapes philippinarum* under *Vibrio parahaemolyticus* challenge. **2023**, 563, 738954 0

- 299 [Review] A Novel Mechanism of Glycerol Production is Indicated by *Candida versatilis* SN-18, Glycerol Production Yeast. **2017**, 7, 76-83 ○
- 298 Comparison of Gut Microbiota between Midgut of Healthy and Tiger Band Disease Infected Oak Tasar Silkworm, *Antheraea proylei* J. **2022**, 9, 1-11 ○
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- 296 Comparison of physicochemical properties by different parts of *Rhus verniciflua* and food properties of *Rhus verniciflua* seed. **2022**, 29, 873-883 ○
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- 293 Adaptive evolution of *scn4aa* in *Takifugu* and *Tetraodon*. **2022**, ○
- 292 Genetic Time Traveling: sequencing old herbarium specimens, including the oldest specimen sequenced from Kingdom Fungi, reveals the population structure of an agriculturally significant rust. ○
- 291 Initiation of speciation across multiple dimensions in a rock-restricted, tropical lizard. 1
- 290 Hundreds of billions of silent outbreaks: A historic outbreak record of the gall midge *Schizomyia castanopsisae* (Diptera: Cecidomyiidae) on the Izu Islands, Tokyo, Japan, and its potential mechanism. **2022**, 25, ○
- 289 Using FlowCam and molecular techniques to assess the diversity of *Cyanobacteria* species in water used for food production. **2022**, 12, ○
- 288 Comparative Analysis of Whole Chloroplast Genomes of Three Common Species of *Echinochloa* (Gramineae) in Paddy Fields. **2022**, 23, 13864 ○
- 287 Biodiversity of *Sargassum* (Fucales, Sargassaceae) from Eastern Samar (Philippines) inferred from nuclear ribosomal internal transcribed spacer (ITS) sequence data. **2022**, 3, 422-434 ○
- 286 MEDICC2: whole-genome doubling aware copy-number phylogenies for cancer evolution. **2022**, 23, 1
- 285 *Idiomarina rhizosphaerae* sp. nov. isolated from rhizosphere soil of *Kalidium cuspidatum*, and reclassification of *Idiomarina andamanensis* as *Pseudidiomarina andamanensis* comb. nov., and *Idiomarina mangrovi* as *Pseudidiomarina mangrovi* comb. nov. **2022**, 204, 1
- 284 Molecular and pathogenic characterization of *Fusarium oxysporum* and *Fusarium proliferatum* causing basal root rot in garlic in Turkey. **2022**, 17, ○
- 283 Predation capacity of *Bradymonabacteria*, a recently discovered group in the order *Bradymonadales*, isolated from marine sediments. **2022**, 204, ○
- 282 Apple Endophytic fungi and their antagonism against apple scab disease. 13, ○

- 281 Complete chloroplast genome sequence of *Hibiscus trionum* Linnaeus 1753 (Malvaceae). **2022**, 7, 1902-1903 ○
- 280 Enzymes analysis, degradation kinetics, response surface optimization and heavy metal tolerance of the biodegradation of malachite green by *Stenotrophomonas koreensis*. 1-23 ○
- 279 Mitochondrial DNA variation of the caracal (*Caracal caracal*) in Iran and range-wide phylogeographic comparisons. ○
- 278 Urinary Microbiome of Reproductive-Age Asymptomatic European Women. 2
- 277 A new Duck-billed Dinosaur (Ornithischia: Hadrosauridae) from the upper Campanian of Texas points to a greater diversity of early hadrosaurid offshoots. **2022**, 105416 ○
- 276 *Jiella avicenniae* sp. nov., a novel endophytic bacterium isolated from bark of *Avicennia marina*. **2022**, 204, ○
- 275 *Gramella sediminis* sp. nov., isolated from a tidal flat of the Yellow Sea. **2022**, 72, 1
- 274 *Glycomyces amatae* sp. nov., isolated from a yellow-ringed grass moth (*Amata spherbuis*). **2022**, 72, ○
- 273 Two ferric-reducing bacteria *Geothrix terrae* sp. nov. and *Geothrix alkalitolerans* sp. nov., isolated from paddy soil. **2022**, 204, 1
- 272 Morphology and molecular phylogeny reveal five new species of *Hydnellum* (Bankeraceae, Thelephorales) from China. 13, ○
- 271 Genome-wide Identification and Characterization of Plant-specific Transcription Factor YABBY Gene Family in Cucumber (*Cucumis sativus*) and its Comparison with *Arabidopsis* to Reveal its Role in Abiotic Stress Responses. **2022**, 3, 325-341 ○
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- 269 Genome-wide identification and expression analysis of anaphase promoting complex/cyclosome (APC/C) in rose. **2022**, ○
- 268 *Trichoderma reesei* as an elicitor triggers defense responses in tea plant and delays gray blight symptoms. **2022**, 188, 105279 ○
- 267 Integrative analysis reveals cryptic speciation linked to habitat differentiation within Albanian populations of the anomalous blues (*Lepidoptera*, *Lycaenidae*, *Polyommatus Latreille*, 1804). **2022**, 16, 211-242 1
- 266 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 ○
- 265 *Nocardia sputi* sp. nov. isolated from the sputum of patients with pulmonary infection. **2022**, 72, ○
- 264 Immunogenicity and effectiveness of a bivalent influenza A/H1N2 vaccine strain against seasonal human influenza A viruses in mice. **2022**, 20, ○

- 263 Phylogeny and mycotoxin profiles of pathogenic *Alternaria* and *Curvularia* species isolated from date palm in southern Tunisia. 13, ○
- 262 Plant growth promoting and antimicrobial functionalities of rhizosphere *Pseudomonas* species in flooded rice soils of coastal Odisha. ○
- 261 Application of Spectroscopic Methods for the Identification of Superoxide Dismutases in Cyanobacteria. **2022**, 23, 13819 1
- 260 *Shinella lacus* sp. nov., a novel microcystin-degrading alphaproteobacterium containing the bla carbapenemase gene. **2022**, 72, ○
- 259 Enhanced Biodegradation of Phenanthrene by *Comamonas testosteroni* Strain T in the Presence of Limiting Concentration of Triton x-100. **2022**, 9, ○
- 258 *Hymenobacter lucidus* sp. nov., and *Hymenobacter nitidus* sp. nov., isolated from soil. **2022**, 204, ○
- 257 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 ○
- 256 Taxonomic and genomic characterization of *Sporosarcina cyprini* sp. nov., moderately tolerant of Cr+6 and Cd+2 isolated from the gut of invasive fish *Cyprinus carpio* var. *communis* (Linn., 1758). ○
- 255 Molecular source attribution. **2022**, 18, e1010649 ○
- 254 NB-LRR Lineage-Specific Equipment Is Sorted out by Sequence Pattern Adaptation and Domain Segment Shuffling. **2022**, 23, 14269 ○
- 253 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 ○
- 252 Natural occurrence of entomopathogenic fungus, <i>Aschersonia aleyrodis</i> on citrus whitefly, <i>Dialeurodes citri</i> (Ashmead) in Kinnow mandarin in Punjab, India. 181-186 ○
- 251 Melanopsin expression in the retinas of owls with different daily activity patterns. **2022**, 100155 ○
- 250 Kaktüs Armut (*Opuntia ficus-indica* L.) Meyvesinden Stres Tolerant Mayaların Moleküler Tanımlanması ve Depo Karbonhidrat Birlikimleri. ○
- 249 Secondary Metabolites and their Biological Activities from Endophytic Fungal Strain *Aspergillus terreus* XJA8 Associated with *Vernonia anthelmintica*. **2022**, 12, 421-435 ○
- 248 A phylogenetic assessment of nematodes (Oxyuroidea: Pharyngodonidae) infecting Moroccan lizards. **2022**, 59, 275-283 ○
- 247 Description of a new strain of *Streptomonospora nanhaiensis* and reclassification of *Streptomonospora halotolerans* as a later heterotypic synonym of *Streptomonospora nanhaiensis*. **2022**, 72, ○
- 246 Transcriptome analysis of *Mesobuthus martensii* revealed the differences of their toxins between females and males. **2022**, 89, 1294-1311 ○

- 245 *Acetobacter vaccinii* sp. nov., a novel acetic acid bacterium isolated from blueberry fruit (*Vaccinium corymbosum* L.). **2022**, 72, ○
- 244 Jewel Orchid Biology and Physiological Response to Aquaponic Water as a Potential Fertilizer. **2022**, 11, 3181 ○
- 243 The L-Rhamnose Biosynthetic Pathway in *Trichomonas vaginalis*: Identification and Characterization of UDP-D-Glucose 4,6-dehydratase. **2022**, 23, 14587 ○
- 242 *Proteiniphilum propionicum* sp. nov., a novel member of the phylum Bacteroidota isolated from pit clay used to produce Chinese liquor. **2022**, 72, ○
- 241 Genetic variability, biomass parameters, elemental composition and energy content of the non-indigenous hydromedusa *Craspedacusta sowerbii* in North America. ○
- 240 Identification of a Novel Pleiotropic Transcriptional Regulator Involved in Sporulation and Secondary Metabolism Production in *Chaetomium globosum*. **2022**, 23, 14849 ○
- 239 Confirmation of the southern African distribution of the marine sponge *Hymeniacidon perlevis* (Montagu, 1814) in the context of its global dispersal. 10, e14388 ○
- 238 Prevalence of classes 1 and 2 integrons in multidrug-resistant *Acinetobacter baumannii* isolates recovered from some aquatic environment in South Africa. **2022**, 12, ○
- 237 Infection Status of Flower Thrips, <i>Frankliniella intonsa</i>(Trybom)(Thysanoptera: Thripidae), Collected from a Strawberry Field in Tochigi Prefecture with the Endosymbiont <i>Wolbachia</i>. **2022**, 66, 159-164 ○
- 236 Pharmacological potential of seaweed-associated heterotrophic bacterium *Bacillus atrophaeus*. **2023**, 205, ○
- 235 Increased energy sequestration in *Nicotiana tabacum* overexpressing UGPase and SPP genes in mesophyll. ○
- 234 *Roseicella aerolata* sp. nov., isolated from bioaerosols of electronic waste. **2022**, 72, ○
- 233 Reversible shifts between interstitial and epibenthic habitats in evolutionary history: Molecular phylogeny of the marine flatworm family Boniniidae (Platyhelminthes: Polycladida: Cotylea) with descriptions of two new species. **2022**, 17, e0276847 ○
- 232 Production and characterization of glycolipid biosurfactant from *Streptomyces enissocaesilis* HRB1 and its evaluation for biomedical and bioremediation applications. ○
- 231 Genomic landscape of the emerging XDR *Salmonella* Typhi for mining druggable targets clpP, hisH, folP and gpmI and screening of novel TCM inhibitors, molecular docking and simulation analyses. ○
- 230 *Anianabacter salinae* gen. nov., sp. nov. ASV31T, a Facultative Alkaliphilic and Extremely Halotolerant Bacterium Isolated from Brine of a Millennial Continental Saltern. **2022**, 14, 1009 ○
- 229 *Fulvivirga sedimenti* sp.nov, isolated from the sediment of oceanic tidal zone. **2022**, 204, ○
- 228 *Lactiseibacillus kribbianus* sp. nov., isolated from pig farm faeces dump. **2022**, 72, 1

- 227 Biodegradation of Chlorantraniliprole and Flubendiamide by Some Bacterial Strains Isolated from Different Polluted Sources. **2022**, 10, 2527 1
- 226 Four New Wood-Inhabiting Fungal Species of Peniophoraceae (Russulales, Basidiomycota) from the Yunnan-Guizhou Plateau, China. **2022**, 8, 1227 0
- 225 First Record of *Clonostachys rosea* (Ascomycota: Hypocreales) Entomopathogenic Fungus in the Mango Hopper *Amritodus atkinsoni* (Hemiptera: Cicadellidae). **2022**, 11, 1447 0
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- 223 Cyanophages as an important factor in the early evolution of oxygenic photosynthesis. **2022**, 12, 0
- 222 Phylogenomic analysis of *Citrobacter* sp. strain AAK_AS5 and its metabolic capabilities to support nitrogen removal behavior. 0
- 221 Structure and molecular evolution of the barcode fragment of cytochrome oxidase I (COI) in *Macrocheles* (Acari: Mesostigmata: Macrochelidae). **2022**, 12, 0
- 220 *Acinetobacter faecalis* Sp. Nov., Isolated from Elephant Faeces. **2023**, 80, 0
- 219 Testing for Phylogenetic Signal in Single-Cell RNA-Seq Data. 0
- 218 Parainfluenza and corona viruses in a fallow deer (*Dama dama*) with fatal respiratory disease. 9, 0
- 217 Characterization and identification of fungicide insensitive *Pestalotiopsis*-like species pathogenic to tea crop in India. **2023**, 39, 0
- 216 First DNA barcode efficiency assessment for an important ingredient in the Amazonian ayahuasca tea: *mariri/jagube*, *Banisteriopsis* (Malpighiaceae). 0
- 215 Characterization of *Penicillium* Species Isolated from *Dioscorea polystachya*; in Hokkaido, Japan. **2022**, 0
- 214 Characterizing corn-straw-degrading actinomycetes and evaluating application efficiency in straw-returning experiments. 13, 1
- 213 Screening and Identification of Thermotolerant and Osmotolerant *Bacillus amyloliquefaciens* BKHE Isolated from Kinema of Eastern Nepal for Alkaline Protease Production. **2022**, 2022, 1-11 0
- 212 Panmictic stock structure of milkfish (*Chanos chanos*, Forssk 1775) from Indian waters determined using mtDNA marker. **2023**, 102, 0
- 211 North-to-South diversity of lipomycetaceous yeasts in soils evaluated with a cultivation-based approach from 11 locations in Japan. **2022**, 0
- 210 Rice leaf endophytic *Microbacterium testaceum*: Antifungal actinobacterium confers immunocompetence against rice blast disease. 13, 0

- 209 *Actinotalea soli* sp. nov., isolated from Kubuqi Desert soil. **2022**, 72, 0
- 208 Insights into the phylogenetic inconsistencies of the genus *Amazonocrinis* and description of epilithic *Amazonocrinis malviyae* sp. nov. (Cyanobacteria, Nostocales) from Jammu and Kashmir, India. **2022**, 72, 0
- 207 *Drechlerella daliensis* and *D. xiaguanensis* (Orbiliiales, Orbiliaceae), two new nematode-trapping fungi from Yunnan, China. 10, 0
- 206 Diversity and antibacterial potential of the Actinobacteria associated with *Apis mellifera ligustica*. 13, 0
- 205 Microbial Characterization of *Streptomyces* Isolates from Oil Contaminated Soil. **2022**, 12, 545-559 0
- 204 *Paeniglutamicibacter quisquiliarum* sp. nov., isolated from midden soil waste. **2022**, 72, 0
- 203 Discovery of superinsecticide-resistant dengue mosquitoes in Asia: Threats of concomitant knockdown resistance mutations. **2022**, 8, 1
- 202 Omicron SARS-CoV-2 Variants in an In Silico Genomic Comparison Study with the Original Wuhan Strain and WHO-Recognized Variants of Concern. **2022**, 71, 577-587 0
- 201 Comparative Transcriptomics Sheds Light on Remodeling of Gene Expression during Diazotrophy in the Thermophilic Methanogen *Methanothermococcus thermolithotrophicus*. **2022**, 13, 0
- 200 *Rhizopogon pumilionum* (Ade) Bataille; a new false truffle (Basidiomycota) record for Turkish mycota. 303-307 0
- 199 *Torulaspora jiuxiensis* sp. nov., a novel yeast species isolated from rotting wood. **2022**, 72, 0
- 198 *Faunimonas pinastri* gen. nov., sp. nov., an endophyte from a pine tree of the family Pleomorphomonadaceae, class Alphaproteobacteria. **2022**, 72, 0
- 197 A new contribution to *Megasporoporia* sensu lato: Six new species and three new combinations. 13, 1
- 196 *Nitratireductor luteus* sp. nov. isolated from saline-alkali land. 0
- 195 Incidence and distribution of *Botryosphaeriaceae* species associated with dieback in walnut orchards in Australia. 0
- 194 *Caldovatus aquaticus* sp. nov., a moderately thermophilic bacterium isolated from hot spring microbial mat. **2022**, 72, 0
- 193 *Actinomyces ruminis* sp. nov., an obligately anaerobic bacterium isolated from the rumen of cattle. **2023**, 205, 0
- 192 *Streptomyces acidipaludis* sp. nov., an actinobacterium isolated from peat swamp forest soil. **2022**, 72, 0

- 191 Topiary: pruning the manual labor from ancestral sequence reconstruction. 1
- 190 Metabolites of endophytic fungi isolated from leaves of *Bauhinia variegata* exhibit antioxidant activity and agonist activity on peroxisome proliferator-activated receptors α and β , 0
- 189 Parallel evolution of opsin visual pigments in hawkmoths by tuning of spectral sensitivities during transition from a nocturnal to a diurnal ecology. **2022**, 225, 0
- 188 Alternative splicing of a carboxyl/choline esterase gene enhances the fenpropathrin tolerance of *Tetranychus cinnabarinus*. 0
- 187 Identification and characterization of *Dunaliella salina* OH214 strain newly isolated from a saltpan in Korea. **2022**, 37, 317-329 0
- 186 *Devosia ureilytica* sp. nov., isolated from Kuche River in China. **2022**, 72, 0
- 185 *Canibacter zhuwentaonis* sp. nov. and *Canibacter zhoujuaniae* sp. nov., isolated from *Marmota himalayana*. **2022**, 72, 0
- 184 *Streptomyces humicola* sp. nov., a novel actinobacterium isolated from peat swamp forest soil in Thailand. **2022**, 72, 0
- 183 Ger1 is a secreted aspartic acid protease essential for spore germination in *Ustilago maydis*. 0
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- 168 *Fundidesulfovibrio agrisoli* sp. nov., A Nitrogen-Fixing Bacterium Isolated from Rice Field. **2023**, 80, ○
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- 166 A phylogenetic and taxonomic study on *Steccherinum* (Polyporales, Basidiomycota): Focusing on three new *Steccherinum* species from southern China. 12, ○
- 165 Competitiveness and symbiotic efficiency in alfalfa of *Rhizobium favelukesii* ORY1 strain in which homologous genes of peptidases HrrP and SapA that negatively affect symbiosis were identified. 4, ○
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- 161 Characterization, pathogenicity and host range studies of *Paecilomyces formosus* associated with dieback of Christ's thorn trees (*Paliurus spina-christi* Mill.) in Iran. ○
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- 149 New record of anthiadine fish, *Plectranthias yamakawai* (Actinopterygii: Perciformes: Serranidae), from the Philippines. **2022**, 52, 299-307 ○
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- 140 *Streptomyces macrolidinus* sp. nov., a novel soil actinobacterium with potential anticancer and antimalarial activity. **2023**, 73, ○
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- 138 Response of an alpine plant to Quaternary climate change: a phylogeographic study of *Saxifraga tangutica* (Saxifragaceae) in the Qinghai-Tibetan Plateau and Himalayas. ○

- 137 Biotin pathway in novel *Fodinibius salsisoli* sp. nov., isolated from hypersaline soils and reclassification of the genus *Aliifodinibius* as *Fodinibius*. 13, ○
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- 130 Morphological and molecular characterization of *Neoscytalidium* isolates that cause canker and dieback in *Eucalyptus* and *Chinaberry* trees in Iraq. 2023, 59, 92-105 ○
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- 115 *Frateuria soli* sp. nov. and *Frateuria edaphi* sp. nov., isolated from greenhouse soil. **2023**, 73, ○
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- 91 *Barnettozyma menglunensis* f.a., sp. nov., a novel yeast species isolated from rotting wood. **2023**, 73, ○
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- 82 *Thermomonas paludicola* sp. nov., isolated from a lotus wetland. **2023**, 73, ○
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- 63 A new species of the red alga *Erythrotrichia* (*Erythropeltales*, *Rhodophyta*) from Korea: *Erythrotrichia johnawestii* sp. nov. and observations in culture. **2023**, ○
- 62 *Paenibacillus mangrovi* sp. nov., a novel endophytic bacterium isolated from bark of *Kandelia candel*. **2023**, 73, ○
- 61 *Cytobacillus citreus* sp. nov., isolated from citrus rhizosphere soil. **2023**, 73, ○
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- 56 *Solitalea lacus* sp. nov., isolated from pond sediment. **2023**, 73, ○
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- 54 *Citrobacter meridianamericanus* sp. nov., isolated from a soil sample. **2023**, 73, ○
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- 45 *Qipengyuania spongiae* sp. nov., isolated from marine sponge *Cinachyrella kuekenthali*. **2023**, 73, ○
- 44 Complete Genome Sequence of *Streptomyces* sp. HP-A2021, a Promising Bacterium for Natural Product Discovery. ○
- 43 Characterization of free fatty acid receptor family in rainbow trout (*Oncorhynchus mykiss*): towards a better understanding of their involvement in fatty acid signalisation. **2023**, 24, ○
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- 41 ??????DNA D-loop ?????Y ???<l>ZFY</l> ?????? ??????????????????. **2023**, 51, 11-18 ○
- 40 Phylogenetic and Palynological Study of the Genus *Epilobium* L. (Onagraceae) in Kurdistan Region-Iraq. **2022**, 14, 70-85 ○
- 39 Growth characteristics and phylogenetic analysis of the isolate mycelium, *Ophiocordyceps sinensis*. ○
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- 37 *Diddensiella parasantjacobensis* f.a., sp. nov., a yeast species from forest habitats. **2023**, 73, ○
- 36 *Alkalisalibacterium limicola* gen. nov., sp. nov., an Alkaliphilic Bacterium Isolated from an Alkaline, Saline Lake of Buryatia in Russia. **2023**, 92, 11-20 ○
- 35 *Sphingomonas cremea* sp. nov., isolated from ginseng soil. **2023**, 73, ○
- 34 *Chelativorans petroleitrophicus* sp. nov., a paraffin oil-degrading bacterium isolated from a mixture of oil-based drill cuttings and paddy soil. **2023**, 73, ○
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- 32 *Lolliginicoccus levis* gen. nov., sp. nov., a novel bacterium isolated from the brain of the *Chiroteuthis picteti* squid, and reclassification of two *Hoyosella* species as *Lolliginicoccus suaedae* comb. nov. and *Lolliginicoccus lacisalsi* comb. nov.. **2023**, 73, ○
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- 30 Genome-Wide Identification of β 1,3-Glucanase Genes in *Hevea brasiliensis*. **2023**, 52, 53-60 ○

- 29 *Flavobacterium pygoscelis* sp. nov., isolated from a chinstrap penguin chick (*Pygoscelis antarcticus*). **2023**, 73, ○
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- 27 Identification and genomic analyses of a novel endophytic actinobacterium *Streptomyces endophytica* sp. nov. with potential for biocontrol of yam anthracnose. 14, ○
- 26 *Paenibacillus auburnensis* sp. nov. and *Paenibacillus pseudetheri* sp. nov., isolated from the rhizosphere of *Zea mays*. **2023**, 73, ○
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- 22 *Parvularcula maris* sp. nov., an algicidal bacterium isolated from seawater. **2023**, 73, ○
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- 19 Purified cellulase-mediated simultaneous sugar utilization by *Bacillus albus* isolated from Similipal, Odisha, India. ○
- 18 Phylogenetic analysis of *Ziziphora* (Lamiaceae) using nuclear (nrITS) and plastid (trnL-F) DNA: Suggestions for new arrangements and status changes. 1-11 ○
- 17 *Sphaerisporangium perillae* sp. nov., isolated from the root of *Perilla frutescens* (Linn.) Britt. **2023**, 73, ○
- 16 *Mumia quercus* sp. nov., isolated from the root of *Quercus variabilis*. **2023**, 73, ○
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- 14 The Genetic Diversity of mtDNA of *Apostichopus japonicus* (Selenka, 1867) (Echinodermata: Holothuroidea) in Peter the Great Gulf, Sea of Japan. **2023**, 49, 38-46 ○
- 13 *Paraflavisolibacter caeni* gen. nov., sp. nov., a novel taxon within the family Chitinophagaceae isolated from sludge. **2023**, 73, ○
- 12 C-phycoerythrin production from *Anabaena* sp. BTA 903: Optimization, production kinetics, thermodynamic, and stability analysis. ○

- 11 The genus *Armadillo* Latreille, 1802 (Oniscidea, Armadillidae) from Cyprus, with descriptions of two new species. **2023**, 5270, 67-91
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- 3 *Salinimicrobium profundisediminis* sp. nov., isolated from deep-sea sediment of the Mariana Trench. **2023**, 73,
- 2 *Cystofilobasidium josepaulonis* sp. nov., a novel basidiomycetous yeast species. **2023**, 73,
- 1 *Antribacter soli* sp. nov., a novel actinobacterium isolated from soils of weathering dolomite. **2023**, 73,