

# CITATION REPORT

List of articles citing

ITS primers with enhanced specificity for basidiomycetes--application to the identification of mycorrhizae and rusts

DOI: 10.1111/j.1365-294x.1993.tb00005.x  
Molecular Ecology, 1993, 2, 113-8.

**Source:** <https://exaly.com/paper-pdf/23893479/citation-report.pdf>

**Version:** 2024-04-27

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

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

#	Paper	IF	Citations
2218	Cuautepetalorin, a 7,8-DihydrochromeneOxoisochromane Adduct Bearing a Hexacyclic Scaffold from <i>Pestalotiopsis</i> sp. IQ-011.		
2217	Dioxomorpholines and Derivatives from a Marine-Facultative <i>Aspergillus</i> Species.		
2216	" <i>Cladonia verticillata</i> " (" <i>Cladoniaceae</i> ", <i>Ascomycota</i> ), new record to Iberian Peninsula. <b>1970</b> , 37, 21		1
2215	A quantitative assay for the cytoplasmic androgen receptor using [3H]dihydrotestosterone in the presence of NAD <sup>+</sup> -nucleosidase. <b>1983</b> , 102, 153-60		6
2214	Ectomycorrhizae in reforestation. <b>1990</b> , 20, 438-451		89
2213	Factors of Importance to Some Lichen Species of Deciduous Broad-Leaved Woods in Southern Sweden. <b>1992</b> , 24, 255-266		43
2212	Field meeting in Gower, South Wales. <b>1992</b> , 24, 299-304		6
2211	Variation in thallus morphology in response to climatic and geographical distribution in an <i>Usnea</i> complex. <b>1992</b> , 24, 229-248		14
2210	<i>Ramonia Calcicola</i> , A New Lichen Species from Catalonia, Spain. <b>1992</b> , 24, 308-311		10
2209	Molecular tools for the identification of ectomycorrhizal fungi--taxon-specific oligonucleotide probes for suilloid fungi. <i>Molecular Ecology</i> , <b>1993</b> , 2, 233-42	5.7	107
2208	Impact of Arbuscular Mycorrhizas on Sustainable Agriculture and Natural Ecosystems. <b>1994</b> ,		49
2207	Spatial distribution and temporal persistence of discrete genotypes of the ectomycorrhizal fungus <i>Laccaria bicolor</i> (Maire) Orton. <b>1994</b> , 127, 547-556		67
2206	Molecular markers in plant ecology. <b>1994</b> , 126, 403-418		120
2205	Identification of the ectomycorrhizal basidiomycete <i>Tylospora fibrillosa</i> Donk by RFLP analysis of the PCR-amplified ITS and IGS regions of ribosomal DNA. <b>1994</b> , 126, 525-532		121
2204	Monitoring the persistence of <i>Laccaria bicolor</i> as an ectomycorrhizal symbiont of nursery-grown Douglas fir by PCR of the rDNA intergenic spacer. <i>Molecular Ecology</i> , <b>1994</b> , 3, 571-580	5.7	64
2203	Typing truffle species by PCR amplification of the ribosomal DNA spacers. <b>1994</b> , 98, 37-43		230
2202	Length variation in the internal transcribed spacer of ribosomal DNA in chanterelles. <b>1994</b> , 98, 614-618		65

2201	Comparative evolutionary analysis of rDNA ITS regions in <i>Drosophila</i> . <b>1994</b> , 11, 513-22	185
2200	Abundance of <i>Tylospora fibrillosa</i> ectomycorrhizas in a South Swedish spruce forest measured by RFLP analysis of the PCR-amplified rDNA ITS region. <b>1995</b> , 99, 1425-1428	40
2199	Generation of RAPD-PCR primers for the identification of isolates of <i>Glomus mosseae</i> , an arbuscular mycorrhizal fungus. <i>Molecular Ecology</i> , <b>1995</b> , 4, 61-8	5-7 70
2198	Thoughts on the processes that maintain local species diversity of ectomycorrhizal fungi. <b>1995</b> , 170, 63-73	270
2197	Strain typing of ectomycorrhizal basidiomycetes from subalpine Tyrolean forest areas by random amplified polymorphic DNA analysis. <b>1995</b> , 6, 35-41	4
2196	Diversity of fungal symbionts in arbuscular mycorrhizas from a natural community. <b>1995</b> , 130, 259-265	336
2195	Coincidence Between Molecularly or Morphologically Classified Ectomycorrhizal Morphotypes and Fruitbodies in a Spruce Forest. <b>1995</b> , 41-52	11
2194	Biotechnology of Ectomycorrhizae. <b>1995</b> ,	1
2193	Mycorrhizae: Ectomycorrhiza and Ectendomycorrhiza. <b>1995</b> , 430-456	
2192	Molecular analysis of ectomycorrhizal fungal communities. <b>1995</b> , 73, 1415-1422	121
2191	Truffles. <b>1995</b> , 139-149	19
2190	Molecular Characterization of Some Truffle Species. <b>1995</b> , 161-169	6
2189	Species Diagnostics Protocols. <b>1995</b> ,	1
2188	ITS-RFLP matching for identification of fungi. <b>1996</b> , 50, 177-86	43
2187	Ectomycorrhizae of <i>Lactarius lignyotus</i> on Norway spruce, characterized by anatomical and molecular tools. <b>1995</b> , 5, 175-180	50
2186	Identification of ribosomal DNA polymorphisms among and within spores of the Glomales: application to studies on the genetic diversity of arbuscular mycorrhizal fungal communities. <b>1995</b> , 130, 419-427	272
2185	Identification at strain level of <i>Rhizoctonia solani</i> AG4 isolates by direct sequence of asymmetric PCR products of the ITS regions. <b>1996</b> , 29, 174-81	81
2184	Reclassification of the <i>Penicillium roqueforti</i> group into three species on the basis of molecular genetic and biochemical profiles. <b>1996</b> , 142 ( Pt 3), 541-549	116

2183	Community structure of ectomycorrhizal fungi in a <i>Pinus muricata</i> forest: above- and below-ground views. <b>1996</b> , 74, 1572-1583		535
2182	Internal transcribed spacer sequences from 38 recognized species of <i>Suillus sensu lato</i> : Phylogenetic and taxonomic implications. <b>1996</b> , 88, 776-785		138
2181	Construction of genomic phage libraries of the arbuscular mycorrhizal fungi <i>Glomus mosseae</i> and <i>Scutellospora castanea</i> and isolation of ribosomal RNA genes. <b>1996</b> , 6, 167-173		36
2180	Rapid typing of truffle mycorrhizal roots by PCR amplification of the ribosomal DNA spacers. <b>1996</b> , 6, 417-421		27
2179	Relationships Among Group IV Phytophthora Species Inferred by Restriction Analysis of the ITS2 Region. <b>1996</b> , 144, 363-369		22
2178	Molecular diversity of fungi from ericoid mycorrhizal roots. <i>Molecular Ecology</i> , <b>1996</b> , 5, 123-131	5-7	91
2177	Identification of nematode-trapping fungi using RFLP analysis of the PCR-amplified ITS region of ribosomal DNA. <b>1996</b> , 100, 531-534		12
2176	Variability of nuclear and mitochondrial ribosomal DNA of a truffle species ( <i>Tuber aestivum</i> ). <b>1996</b> , 100, 547-550		23
2175	Variations in symbiotic efficiency, phenotypic characters and ploidy level among different isolates of the ectomycorrhizal basidiomycete <i>Laccaria bicolor</i> strain S 238. <b>1996</b> , 100, 1315-1324		88
2174	Detection and identification of <i>Laccaria</i> species using a repeated DNA sequence from <i>Laccaria proxima</i> . <b>1996</b> , 100, 1515-1521		7
2173	Genetic differentiation within the European race of <i>Gremmeniella abietina</i> . <b>1996</b> , 100, 49-56		48
2172	Phylogenetic studies in <i>Peniophora</i> . <b>1996</b> , 100, 179-187		21
2171	Identification of ectomycorrhizae from <i>Tuber</i> species by rflp analysis of the its region. <b>1996</b> , 18, 821-826		22
2170	Diversity of the ribosomal internal transcribed spacers within and among isolates of <i>Glomus mosseae</i> and related mycorrhizal fungi. <b>1996</b> , 133, 103-111		150
2169	Mycorrhizal diversity in arctic and alpine tundra: an open question. <b>1996</b> , 133, 147-157		159
2168	The genetic diversity of arbuscular mycorrhizal fungi in natural ecosystems is a key to understanding the ecology and functioning of the mycorrhizal symbiosis. <b>1996</b> , 133, 123-134		115
2167	Evolution of extreme specialization within a lineage of ectomycorrhizal epiparasites. <b>1996</b> , 379, 63-66		135
2166	Internal Transcribed Spacer Sequences from 38 Recognized Species of <i>Suillus sensu lato</i> : Phylogenetic and Taxonomic Implications. <b>1996</b> , 88, 776		89

2165	Phylogeny of <i>Gremmeniella</i> spp. based on sequences of the 5.8S rDNA and internal transcribed spacer region. <b>1997</b> , 75, 693-698	20
2164	Diagnosis and Identification of Plant Pathogens. <b>1997</b> ,	1
2163	Intersterility Groups in <i>Collybia subnuda</i> . <b>1997</b> , 89, 566	2
2162	Heterokaryosis Is Not Required for Virulence of <i>Heterobasidion annosum</i> . <b>1997</b> , 89, 92	23
2161	A Study on the Phylogeny of the Dyer's Woad Rust Fungus and Other Species of <i>Puccinia</i> from Crucifers. <b>1997</b> , 87, 565-71	39
2160	Independent, specialized invasions of ectomycorrhizal mutualism by two nonphotosynthetic orchids. <b>1997</b> , 94, 4510-5	226
2159	Russulaceous ectomycorrhizae of <i>Abies lasiocarpa</i> and <i>Picea engelmannii</i> . <b>1997</b> , 75, 1843-1850	33
2158	Fungal endophytes from the roots of alpine and boreal Ericaceae. <b>1997</b> , 75, 1570-1581	87
2157	Illudinic acid, a novel illudane sesquiterpene antibiotic. <b>1997</b> , 60, 188-90	9
2156	Species diversity and distribution of biomass above and below ground among ectomycorrhizal fungi in an old-growth Norway spruce forest in south Sweden. <b>1997</b> , 75, 1323-1335	226
2155	Characterization of mycobionts of photomorph pairs in the peltigerineae (lichenized ascomycetes) based on internal transcribed spacer sequences of the nuclear ribosomal DNA. <b>1997</b> , 21, 228-37	56
2154	Growth characteristics and symbiotic efficiency of rhizobia isolated from cowpea nodules of the north-east region of Brazil. <b>1997</b> , 29, 1005-1010	41
2153	Identification of arbuscular mycorrhizal fungi from <i>Artemisia californica</i> using the polymerase chain reaction. <b>1997</b> , 89, 547-550	10
2152	Heterokaryosis is not required for virulence of <i>Heterobasidion annosum</i> . <b>1997</b> , 89, 92-102	36
2151	Intersterility groups in <i>Collybia subnuda</i> . <b>1997</b> , 89, 566-577	3
2150	Development of multiple genetic markers for studies of genetic variation in arbuscular mycorrhizal fungi using AFLP <i>Molecular Ecology</i> , <b>1997</b> , 6, 821-829	5-7 88
2149	Molecular identification of mycorrhizal fungi by direct amplification of microsatellite regions. <b>1997</b> , 101, 425-432	111
2148	Taxonomic position and intraspecific variability of the nodule forming <i>Penicillium nodositatum</i> inferred from RFLP analysis of the ribosomal intergenic spacer and Random Amplified Polymorphic DNA. <b>1997</b> , 101, 465-472	54

2147	Phylogenetic relationships within the Cantharellaceae inferred from sequence analysis of the nuclear large subunit rDNA. <b>1997</b> , 101, 1423-1430		27
2146	Molecular characterization of dematiaceous root endophytes. <b>1997</b> , 101, 1397-1404		33
2145	Quantification of an arbuscular mycorrhizal fungus, <i>Glomus mosseae</i> , within plant roots by competitive polymerase chain reaction. <b>1997</b> , 101, 1440-1444		57
2144	Detection of <i>Penicillium</i> species in complex food samples using the polymerase chain reaction. <b>1997</b> , 35, 169-77		38
2143	Identification of <i>Rhizoctonia solani</i> associated with field-grown tulips using ITS rDNA polymorphism and pectic zymograms. <b>1997</b> , 103, 607-622		31
2142	Radiocaesium in fruitbodies and mycorrhizae in ectomycorrhizal fungi. <b>1997</b> , 37, 115-125		23
2141	Fine-scale structure of populations of the ectomycorrhizal fungus <i>Hebeloma cylindrosporum</i> in coastal sand dune forest ecosystems. <i>Molecular Ecology</i> , <b>1997</b> , 6, 353-364	5-7	110
2140	Endophytic fungal DNA, the source of contamination in spruce needle DNA. <i>Molecular Ecology</i> , <b>1997</b> , 6, 983-987	5-7	36
2139	Development of multiple genetic markers for studies of genetic variation in arbuscular mycorrhizal fungi using AFLP. <i>Molecular Ecology</i> , <b>1997</b> , 6, 821-829	5-7	94
2138	Characterization of the host genotype and fungal diversity in Scots pine ectomycorrhiza from natural humus microcosms using isozyme and PCR-RFLP analyses. <b>1997</b> , 135, 313-323		53
2137	Functioning of mycorrhizal associations along the mutualism-parasitism continuum*. <b>1997</b> , 135, 575-585		1355
2136	Inter- and intraspecific variation in the ITS region of rDNA of ectomycorrhizal fungi in Fennoscandia as detected by endonuclease analysis. <b>1997</b> , 136, 313-325		207
2135	Characterization and identification of black alder ectomycorrhizas by PCR/RFLP analyses of the rDNA internal transcribed spacer (ITS). <b>1997</b> , 137, 357-369		73
2134	The Species Pair Concept in the Lichen <i>Dendrographa leucophaea</i> (Arthoniales): Analyses Based on ITS Sequences. <b>1998</b> , 101, 404		7
2133	What Molecular Biology has to Tell us at the Species Level in Lichenized Fungi. <b>1998</b> , 30, 307-320		22
2132	Molecular Systematics of <i>Lecanora</i> Subgenus <i>Placodium</i> . <b>1998</b> , 30, 415-425		55
2131	Dispersal Strategies in <i>Roccellina Capensis</i> (Arthoniales). <b>1998</b> , 30, 341-350		54
2130	A Molecular Approach to the Circumscription and Evaluation of Some Genera Segregated from <i>Parmelia</i> S. Lat. <b>1998</b> , 30, 369-380		45

2129	Variation in the ITS and IGS regions of ribosomal DNA among the biological species of European <i>Armillaria</i> . <b>1998</b> , 102, 533-540	44
2128	Variation in the ribosomal DNA internal transcribed spacer of a diverse collection of ectomycorrhizal fungi. <b>1998</b> , 102, 859-865	40
2127	Detection of multiple rRNA-ITS regions in isolates of <i>Ascochyta</i> . <b>1998</b> , 102, 762-766	43
2126	Molecular markers in ecology of ectomycorrhizal fungi. <b>1998</b> , 30, S333	3
2125	Ectomycorrhizal colonisation of Sitka spruce [ <i>Picea sitchensis</i> (Bong.) Carr] seedlings in a Scottish plantation forest. <b>1998</b> , 7, 313-317	18
2124	Ectomycorrhizal, vesicular-arbuscular and dark septate fungal colonization of bishop pine ( <i>Pinus muricata</i> ) seedlings in the first 5 months of growth after wildfire. <b>1998</b> , 8, 11-18	150
2123	Differentiation of <i>Melampsora</i> rust species on willows in Japan using PCR-RFLP analysis of ITS regions of ribosomal DNA. <b>1998</b> , 39, 105-113	14
2122	Genetic structure of a natural population of the ectomycorrhizal fungus <i>Suillus pungens</i> . <b>1998</b> , 138, 533-542	143
2121	Multiple-host fungi are the most frequent and abundant ectomycorrhizal types in a mixed stand of Douglas fir ( <i>Pseudotsuga menziesii</i> ) and bishop pine ( <i>Pinus muricata</i> ). <b>1998</b> , 139, 331-339	209
2120	Molecular markers for the identification of the ectomycorrhizal fungus <i>Tuber borchii</i> . <b>1998</b> , 139, 565-570	34
2119	Molecular diversity of ericoid mycorrhizal endophytes isolated from <i>Woollsia pungens</i> . <b>1998</b> , 140, 145-153	46
2118	Molecular determination of genetic variation in <i>Pisolithus</i> isolates from a defined region in New South Wales, Australia. <b>1998</b> , 138, 151-162	47
2117	Restoration of Aboveground Ectomycorrhizal Flora in Stands of <i>Pinus sylvestris</i> (Scots Pine) in The Netherlands by Removal of Litter and Humus. <b>1998</b> , 6, 227-237	32
2116	A sequence database for the identification of ectomycorrhizal basidiomycetes by phylogenetic analysis. <i>Molecular Ecology</i> , <b>1998</b> , 7, 257-272	5-7 253
2115	A 5.8S nuclear ribosomal RNA gene sequence database: applications to ecology and evolution. <i>Molecular Ecology</i> , <b>1998</b> , 7, 919-23	5-7 59
2114	[Phylogeny of fungi responsible for smut of plants based on ITS sequence analysis]. <b>1998</b> , 321, 603-9	11
2113	Persistent, systemic, asymptomatic infections of <i>Albugo candida</i> , an oomycete parasite, detected in three wild crucifer species. <b>1998</b> , 76, 739-750	7
2112	Mycorrhiza Manual. <b>1998</b> ,	18

2111	Molecular Tools for Screening Biodiversity. <b>1998,</b>	70
2110	The European S and F intersterility groups of <i>Heterobasidion annosum</i> may represent sympatric protospecies. <b>1998,</b> 76, 397-409	17
2109	Degradation of hydrocarbons in crude oil by the ascomycete <i>Pseudallescheria boydii</i> (Microasaceae). <b>1998,</b> 44, 270-8	63
2108	ECTOMYCORRHIZAL FUNGAL COMMUNITY STRUCTURE OF PINYON PINES GROWING IN TWO ENVIRONMENTAL EXTREMES. <b>1998,</b> 79, 1562-1572	156
2107	Phylogenetic Relationships among the Pine Stem Rust Fungi ( <i>Cronartium</i> and <i>Peridermium</i> spp.). <b>1998,</b> 90, 244	36
2106	<i>Melampyrum sylvaticum</i> , a new alternate host for pine stem rust <i>Cronartium flaccidum</i> . <b>1998,</b> 90, 1028-1030	17
2105	Monophyly of the conifer species in the <i>Ceratocystis coerulescens</i> complex based on DNA sequence data. <b>1998,</b> 90, 96-101	35
2104	Small-Scale DNA Sample Preparation Method for Field PCR Detection of Microbial Cells and Spores in Soil. <b>1998,</b> 64, 2463-72	296
2103	Phylogenetic relationships among the pine stem rust fungi ( <i>Cronartium</i> and <i>Peridermium</i> spp.). <b>1998,</b> 90, 244-257	68
2102	The genus <i>Oidiodendron</i> : species delimitation and phylogenetic relationships based on nuclear ribosomal DNA analysis. <b>1998,</b> 90, 854-868	55
2101	Cryptic species in the <i>Puccinia monoica</i> complex. <b>1998,</b> 90, 846-853	35
2100	Molecular systematics and phylogeography of the <i>Gibberella fujikuroi</i> species complex. <b>1998,</b> 90, 465-493	677
2099	Direct PCR of symbiotic fungi using microslides. <b>1999,</b> 26, 454-5	19
2098	Phylogenetic subgrouping of <i>Rhizoctonia solani</i> AG 2 isolates based on ribosomal ITS sequences. <b>1999,</b> 91, 459-467	38
2097	Differentiating characteristics between <i>Melampsorium</i> rusts infecting birch and alder leaves. <b>1999,</b> 91, 987-992	10
2096	<i>Amanita</i> . <b>1999,</b> 201-230	5
2095	Applicability of its Data in Roccellaceae (Arthoniales, Euscomycetes) Phylogeny. <b>1999,</b> 31, 461	17
2094	Phylogenetic Subgrouping of <i>Rhizoctonia solani</i> AG 2 Isolates Based on Ribosomal ITS Sequences. <b>1999,</b> 91, 459	35



2093	Mycorrhiza [The State of the Art. <b>1999</b> , 3-34		28
2092	Molecular and morphological discrimination between <i>Tylospora fibrillosa</i> and <i>Tylospora asterophoramycorrhizae</i> . <b>1999</b> , 77, 11-21		12
2091	Genetic variation between strains of <i>Monilinia fructicola</i> and <i>Monilinia laxa</i> isolated from cherries in Michigan. <b>1999</b> , 21, 70-77		31
2090	Comparison of rRNA genotype frequencies of <i>Parmelia sulcata</i> from long established and recolonizing sites following sulphur dioxide amelioration. <b>1999</b> , 217, 177-183		25
2089	DNA extraction and PCR amplification method suitable for fresh, herbarium-stored, lichenized, and other fungi. <b>1999</b> , 216, 243-249		298
2088	Continuity of ectomycorrhizal fungi in self-regenerating boreal <i>Pinus sylvestris</i> forests studied by comparing mycobiont diversity on seedlings and mature trees. <b>1999</b> , 142, 151-162		129
2087	Molecular investigation of genet distribution and genetic variation of <i>Cortinarius rotundisporus</i> in eastern Australian sclerophyll forests. <b>1999</b> , 142, 561-568		64
2086	Mycorrhizal colonization of <i>Pinus muricata</i> from resistant propagules after a stand-replacing wildfire. <b>1999</b> , 143, 409-418		255
2085	Analysis of genetic structure of a <i>Suillus grevillei</i> population in a <i>Larix kaempferi</i> stand by polymorphism of inter-simple sequence repeat (ISSR). <b>1999</b> , 144, 55-63		154
2084	Molecular diversity within and between ericoid endophytes from the Ericaceae and Epacridaceae. <b>1999</b> , 144, 351-358		67
2083	Common anastomosis and internal transcribed spacer RFLP groupings in binucleate <i>Rhizoctonia</i> isolates representing root endophytes of <i>Pinus sylvestris</i> , <i>Ceratophora</i> spp. from orchid mycorrhizas and a phytopathogenic anastomosis group. <b>1999</b> , 144, 331-341		54
2082	Presence of a 20 bp insertion/deletion in the ITS1 region of <i>Verticillium lecanii</i> . <b>1999</b> , 28, 258-62		16
2081	Ectomycorrhizal fungal communities in late-successional Swedish boreal forests, and their composition following wildfire. <i>Molecular Ecology</i> , <b>1999</b> , 8, 205-215	5-7	185
2080	Population, habitat and genetic correlates of mycorrhizal specialization in the 'cheating' orchids <i>Corallorhiza maculata</i> and <i>C. mertensiana</i> . <i>Molecular Ecology</i> , <b>1999</b> , 8, 1719-32	5-7	139
2079	Community structure of ectomycorrhizal fungi in a <i>Pinus muricata</i> forest: minimal overlap between the mature forest and resistant propagule communities. <i>Molecular Ecology</i> , <b>1999</b> , 8, 1837-50	5-7	339
2078	Phylogenetic relationships between European and Chinese truffles based on parsimony and distance analysis of ITS sequences. <b>1999</b> , 180, 147-55		52
2077	A new pair of primers designed for amplification of the ITS region in Tuber species. <b>1999</b> , 173, 239-45		32
2076	Separation of strains of the yeasts <i>Xanthophyllomyces dendrorhous</i> and <i>Phaffia rhodozyma</i> based on rDNA IGS and ITS sequence analysis. <b>1999</b> , 23, 677-81		51

2075	Applicability of its Data in Roccellaceae (Arthoniales, Euscomycetes) Phylogeny. <b>1999</b> , 31, 461-476	28
2074	Pcr Optimization and Troubleshooting, with Special Reference to the Amplification of Ribosomal DNA in Lichenized Fungi. <b>1999</b> , 31, 517-531	12
2073	Where does Lecanora Demissa (Ascomycota, Lecanorales) Belong?. <b>1999</b> , 31, 419-430	13
2072	A Re-Examination of Generic Concepts of Baeomycetoid Lichens Based on Phylogenetic Analyses of Nuclear ssu and Lsu Ribosomal Dna. <b>1999</b> , 31, 409-418	11
2071	Colletotrichum acutatum and C. gloeosporioides Cause Anthracnose on Olives. <b>1999</b> , 105, 733-741	53
2070	A rapid mini-prep method for isolation of ectomycorrhizal DNA from Tuber species. <b>1999</b> , 13, 331-335	3
2069	Identification of Saccharomyces cerevisiae in bakery products by PCR amplification of the ITS region of ribosomal DNA. <b>1999</b> , 209, 185-191	9
2068	Characterization and Identification of Strobilomyces confusus Ectomycorrhizas on Momi Fir by RFLP Analysis of the PCR-Amplified ITS Region of the rDNA. <b>1999</b> , 4, 145-150	44
2067	Molecular identification of co-occurring Cortinarius and Dermocybe species from southeastern Australian sclerophyll forests. <b>1999</b> , 9, 85-90	24
2066	Polyphasic taxonomy of a novel yeast isolated from antarctic environment; description of Cryptococcus victoriae sp. nov. <b>1999</b> , 22, 97-105	47
2065	Application of ITS (nrDNA) sequences in the phylogenetic study of Tyromyces s.l.. <b>1999</b> , 103, 219-229	30
2064	Molecular identification of Hymenoscyphus sp. from rhizoids of the leafy liverwort Cephaloziella exiliflora in Australia and Antarctica. <b>1999</b> , 103, 286-288	70
2063	Species and population structures of Pisolithus and Scleroderma identified by combined phenotypic and genomic marker analysis. <b>1999</b> , 103, 449-458	36
2062	Intraspecific genetic diversity and substrate preference in the aquatic hyphomycete Tetrachaetum elegans. <b>1999</b> , 103, 736-742	25
2061	Phylogenetic analysis of nucleotide sequences from the ITS region of terverticillate Penicillium species. <b>1999</b> , 103, 873-881	99
2060	Grouping of lignin degrading corticioid fungi based on RFLP analysis of 18S rDNA and ITS regions. <b>1999</b> , 103, 990-996	8
2059	Molecular and biochemical evidence for manganese-dependent peroxidase activity in Tylospora fibrillosa. <b>1999</b> , 103, 1098-1102	42
2058	Early effects of prescribed fire on the structure of the ectomycorrhizal fungus community in a Sierra Nevada ponderosa pine forest. <b>1999</b> , 103, 1353-1359	141

2057	Sequence insertions and ITS data provide congruent information on <i>Roccella canariensis</i> and <i>R. tuberculata</i> (Arthoniales, Euascomycetes) phylogeny. <b>1999</b> , 12, 295-309	97
2056	Ectomycorrhizal fungi associated with <i>Arctostaphylos</i> contribute to <i>Pseudotsuga menziesii</i> establishment. <b>1999</b> , 77, 93-102	67
2055	Ectomycorrhizal Fungi Key Genera in Profile. <b>1999</b> ,	51
2054	Diversity of the internal transcribed spacer of rDNA in morels. <b>1999</b> , 45, 769-778	18
2053	Molecular identification of wood-inhabiting fungi in an unmanaged <i>Picea abies</i> forest in Sweden. <b>1999</b> , 115, 203-211	58
2052	Design of a primer for ribosomal DNA internal transcribed spacer with enhanced specificity for ascomycetes. <b>1999</b> , 75, 187-94	197
2051	A Re-Examination of Generic Concepts of Baeomycetoid Lichens Based on Phylogenetic Analyses of Nuclear ssu and Lsu Ribosomal Dna. <b>1999</b> , 31, 409	12
2050	Where does <i>Lecanora Demissa</i> (Ascomycota, Lecanorales) Belong?. <b>1999</b> , 31, 419	30
2049	Pcr Optimization and Troubleshooting, with Special Reference to the Amplification of Ribosomal DNA in Lichenized Fungi. <b>1999</b> , 31, 517	33
2048	Characterization of Ribosomal DNA from <i>Venturia inaequalis</i> and Its Phylogenetic Relationship to rDNA from Other Tree-Fruit <i>Venturia</i> Species. <b>1999</b> , 89, 100-8	45
2047	Use of Internal Transcribed Spacer Primers and Fungicide Treatments to Study the Anther-Smut Disease, <i>Microbotryum violaceum</i> (=Ustilago violacea), of White Campion <i>Silene alba</i> (=Silene latifolia). <b>1999</b> , 160, 1171-1176	6
2046	Genetic Structure of <i>Heterobasidion annosum</i> in White Fir Mortality Centers in California. <b>1999</b> , 89, 546-54	31
2045	Molecular Identification of Fungi Associated with Vascular Discoloration of Soybean in the North Central United States. <b>2000</b> , 84, 83-89	39
2044	A diverse population of introns in the nuclear ribosomal genes of ericoid mycorrhizal fungi includes elements with sequence similarity to endonuclease-coding genes. <b>2000</b> , 17, 44-59	54
2043	Ancestral lineages of arbuscular mycorrhizal fungi (Glomales). <b>2000</b> , 14, 276-84	248
2042	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. <b>2000</b> , 17, 37-47	84
2041	Molecular evidence for the diversification of extant lichens in the late cretaceous and tertiary. <b>2000</b> , 17, 379-87	33
2040	Symbiotic germination and development of myco-heterotrophic plants in nature: ontogeny of <i>Corallorhiza trifida</i> and characterization of its mycorrhizal fungi. <b>2000</b> , 145, 523-537	129

2039	Piceirhiza bicolorata- the ectomycorrhizal expression of the Hymenoscyphus ericae aggregate?. <b>2000</b> , 145, 549-563		120
2038	Genetic diversity of root-associated fungal endophytes from Calluna vulgaris at contrasting field sites. <b>2000</b> , 148, 153-162		70
2037	Below-ground ectomycorrhizal community structure in a recently burned bishop pine forest. <b>2000</b> , 88, 1051-1062		123
2036	Ericoid mycorrhizal fungi are common root associates of a Mediterranean ectomycorrhizal plant ( <i>Quercus ilex</i> ). <i>Molecular Ecology</i> , <b>2000</b> , 9, 1639-49	5-7	95
2035	Diversity and abundance of resupinate telephoroid fungi as ectomycorrhizal symbionts in Swedish boreal forests. <i>Molecular Ecology</i> , <b>2000</b> , 9, 1985-96	5-7	148
2034	Molecular and morphological analyses of European <i>Aconitum</i> species (Ranunculaceae). <b>2000</b> , 224, 195-212		29
2033	Genetic transformation in <i>Streptococcus mutans</i> requires a peptide secretion-like apparatus. <b>2000</b> , 15, 329-34		51
2032	A review of selected methods for the detection of degradative fungi. <b>2000</b> , 46, 241-244		17
2031	Identification of members of the genera <i>Panaeolus</i> and <i>Psilocybe</i> by a DNA test. A preliminary test for hallucinogenic fungi. <b>2000</b> , 112, 123-33		15
2030	Estimation of fungal biomass and transcript levels in <i>Tilia platyphyllos</i> - <i>Tuber borchii</i> ectomycorrhizae. <b>2000</b> , 188, 119-24		11
2029	Recent advances in exploring physiology and biodiversity of ectomycorrhizas highlight the functioning of these symbioses in ecosystems. <b>2000</b> , 24, 601-14		84
2028	SPECIFIC DETECTION OF <i>AMANITA PHALLOIDES</i> MYCELIUM AND SPORES BY PCR AMPLIFICATION OF THE GPD (GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE) GENE FRAGMENT. <b>2000</b> , 24, 201-212		4
2027	The discovery of enfumafungin, a novel antifungal compound produced by an endophytic <i>Hormonema</i> species biological activity and taxonomy of the producing organisms. <b>2000</b> , 23, 333-43		94
2026	A phylogenetic study of the genus <i>Schizopora</i> (Basidiomycota) based on ITS DNA sequences. <b>2000</b> , 104, 1155-1163		29
2025	Diversity of soil fungi studied by PCR-RFLP of ITS. <b>2000</b> , 104, 1027-1032		97
2024	Its rDNA sequence comparison of ericoid mycorrhizal endophytes from <i>Woollisia pungens</i> . <b>2000</b> , 104, 168-174		40
2023	Primers based on specific rDNA-ITS sequences for PCR detection of <i>Rhizoctonia solani</i> , <i>R. solani</i> AG 2 subgroups and ecological types, and binucleate <i>Rhizoctonia</i> . <b>2000</b> , 104, 281-285		50
2022	Molecular systematics of <i>Craterellus</i> : cladistic analysis of nuclear LSU rDNA sequence data. <b>2000</b> , 104, 388-394		40

2021	Phylogenetic relationships in Phelloriniaceae (Basidiomycotina) based on ITS rDNA sequence analysis. <b>2000</b> , 21, 3-12	3
2020	Identification of white truffle species using RAPD markers. <b>2000</b> , 219, 127-133	6
2019	Diversity and habitat relationships of hypogeous fungi. I. Study design, sampling techniques and general survey results. <b>2000</b> , 9, 151-173	42
2018	Mycobiont-Specific PCR Primers for the Amplification of Nuclear its and LSU rDNA from Lichenized Ascomycetes. <b>2000</b> , 32, 200-204	48
2017	Alternative Methods of extracting and Amplifying Dna from lichens. <b>2000</b> , 32, 189-196	68
2016	Evaluation of Morphological Variation in the Lichen Diploschistes ocellatus (Ascomycota, Ostropales): Evidence from Nuclear rDNA ITS Sequence Data. <b>2000</b> , 2, 571-578	8
2015	Detection of arbuscular mycorrhizal fungi (Glomales) in roots by nested PCR and SSCP (Single Stranded Conformation Polymorphism). <b>2000</b> , 226, 189-196	93
2014	Phylogeny of Chaetosphaeria and Its Anamorphs Based on Morphological and Molecular Data. <b>2000</b> , 92, 939	39
2013	Mycobiont-Specific PCR Primers for the Amplification of Nuclear its and LSU rDNA from Lichenized Ascomycetes. <b>2000</b> , 32, 200-204	61
2012	Mycorrhiza-like interaction by Morchella with species of the Pinaceae in pure culture synthesis. <b>2000</b> , 9, 279-285	52
2011	Molecular phylogeny of species in the genera Amylostereum and Echinodontium. <b>2000</b> , 41, 585-593	19
2010	Detection of the ectomycorrhizal fungus Tricholoma matsutake and some related species with specific ITS primers. <b>2000</b> , 41, 33-37	4
2009	A Multigene phylogeny of the Gibberella fujikuroi species complex: Detection of additional phylogenetically distinct species. <b>2000</b> , 41, 61-78	386
2008	Specific PCR primers to identify arbuscular mycorrhizal fungi within colonized roots. <b>2000</b> , 10, 73-80	199
2007	Pleomassaria siparia is composed of two biological species, both of which occur in dead twigs of Betula pendula and B. pubescens. <b>2000</b> , 92, 253-258	11
2006	Lactarius ectomycorrhizae on Abies alba: morphological description, molecular characterization, and taxonomic remarks. <b>2000</b> , 92, 860-873	23
2005	Genetic differentiation between European and North American populations of Phlebiopsis gigantea. <b>2000</b> , 92, 436-446	23
2004	Phylogenetic study of Hypoxylon and related genera based on ribosomal ITS sequences. <b>2000</b> , 92, 964-977	62

2003	Phylogenetic relationships within Cortinarius subgenus Myxacium, sections Defibulati and Myxacium. <b>2000</b> , 92, 1091-1102	19
2002	Evolutionary relationships of nonsexual lichenized fungi: molecular phylogenetic hypotheses for the genera Siphula and Thamnolia from SSU and LSU rDNA. <b>2000</b> , 92, 475-487	43
2001	Molecular phylogeny of the Nectria haematococca-Fusarium solani species complex. <b>2000</b> , 92, 919-938	266
2000	The family Physciaceae in Fennoscandia: phylogeny inferred from ITS sequences. <b>2000</b> , 92, 728-735	34
1999	Glomus proliferum sp. nov.: a description based on morphological, biochemical, molecular and monoxenic cultivation data. <b>2000</b> , 92, 1178-1187	46
1998	Phylogeny of Chaetosphaeria and its anamorphs based on morphological and molecular data. <b>2000</b> , 92, 939-954	62
1997	Ectomycorrhizal specificity patterns in a mixed Pinus contorta and Picea engelmannii forest in Yellowstone National Park. <b>2000</b> , 66, 4988-91	64
1996	Effects of continuous optimal fertilization on belowground ectomycorrhizal community structure in a Norway spruce forest. <b>2000</b> , 20, 599-606	80
1995	Regional specialization of Sarcodes sanguinea (Ericaceae) on a single fungal symbiont from the Rhizopogon ellenaе (Rhizopogonaceae) species complex. <b>2000</b> , 87, 1778-1782	37
1994	High root concentration and uneven ectomycorrhizal diversity near Sarcodes sanguinea (Ericaceae): a cheater that stimulates its victims?. <b>2000</b> , 87, 1783-1788	48
1993	Glomus proliferum sp. nov.: A Description Based on Morphological, Biochemical, Molecular and Monoxenic Cultivation Data. <b>2000</b> , 92, 1178	31
1992	Phylogenetic Relationships within Cortinarius Subgenus Myxacium, Sections Defibulati and Myxacium. <b>2000</b> , 92, 1091	18
1991	The Family Physciaceae in Fennoscandia: Phylogeny Inferred from ITS Sequences. <b>2000</b> , 92, 728	35
1990	Evolutionary Relationships of Nonsexual Lichenized Fungi: Molecular Phylogenetic Hypotheses for the Genera Siphula and Thamnolia from SSU and LSU rDNA. <b>2000</b> , 92, 475	31
1989	Efficient genetic analysis of fungal samples. <b>2000</b> , 30, 145-53	3
1988	Detection and identification of decay fungi in spruce wood by restriction fragment length polymorphism analysis of amplified genes encoding rRNA. <b>2000</b> , 66, 4725-34	113
1987	PCR primers that amplify fungal rRNA genes from environmental samples. <b>2000</b> , 66, 4356-60	459
1986	Spatiotemporal distribution of an ectomycorrhizal community in an oligotrophic Swedish Picea abies forest subjected to experimental nitrogen addition: above- and below-ground views. <b>2000</b> , 132, 143-156	74

1985	Silver stained polyacrylamide gels and fluorescence-based automated capillary electrophoresis for detection of amplified fragment length polymorphism patterns obtained from white-rot fungi in the genus <i>Trametes</i> . <b>2000</b> , 41, 161-72	19
1984	Intraspecific variability in <i>Peniophora aurantiaca</i> (Basidiomycetes). <b>2000</b> , 20, 713-716	2
1983	Genetic Differentiation between European and North American Populations of <i>Phlebiopsis gigantea</i> . <b>2000</b> , 92, 436	26
1982	Molecular Biology of Woody Plants. <b>2000</b> ,	2
1981	Applied Microbial Systematics. <b>2000</b> ,	7
1980	Molecular Biology of Woody Plants. <b>2000</b> ,	2
1979	Molecular diversity of ericoid mycorrhizal fungi. <b>2000</b> , 77, 1580-1594	1
1978	Phylogenetic relationships in <i>Hypomyces</i> and allied genera, with emphasis on species growing on wood-decaying homobasidiomycetes. <b>2000</b> , 77, 1756-1768	5
1977	The Swedish matsutake ( <i>Tricholoma naseosum</i> syn. <i>T. matsutake</i> ): Distribution, Abundance and Ecology. <b>2000</b> , 15, 318-325	27
1976	Occurrence of <i>Piloderma fallax</i> in young, rotation-age, and old-growth stands of Douglas-fir ( <i>Pseudotsuga menziesii</i> ) in the Cascade Range of Oregon, U.S.A.. <b>2000</b> , 78, 995-1001	9
1975	Is <i>Rhizoplaca</i> (Lecanorales, lichenized Ascomycota) a monophyletic genus?. <b>2000</b> , 78, 318-327	20
1974	A comparison of ITS and LSU nrDNA phylogenies of <i>Fulgensia</i> (Teloschistaceae, Lecanorales), a genus of lichenised ascomycetes. <b>2000</b> , 78, 1580-1589	4
1973	Effect of <i>Laccaria bicolor</i> strains inoculated on Douglas-fir ( <i>Pseudotsuga menziesii</i> ) several years after nursery inoculation. <b>2000</b> , 30, 360-371	22
1972	The influence of clear-cutting on ectomycorrhizal fungus diversity in a lodgepole pine ( <i>Pinus contorta</i> ) stand, Yellowstone National Park, Wyoming, and Gallatin National Forest, Montana. <b>2000</b> , 78, 149-156	10
1971	Molecular tools for the identification of <i>Tuber melanosporum</i> in agroindustry. <b>2000</b> , 48, 2608-13	23
1970	Effects of elevated atmospheric CO <sub>2</sub> on fungal competition and decomposition of <i>Fraxinus excelsior</i> litter in laboratory microcosms. <b>2000</b> , 104, 187-197	9
1969	PCR detection of <i>Gremmeniella abietina</i> , the causal agent of Scleroderris canker of pine. <b>2000</b> , 104, 527-532	43
1968	Specificity, sensitivity and discrimination of primers for PCR-RFLP of larger basidiomycetes and their applicability to identification of ectomycorrhizal fungi in Eucalyptus forests and plantations. <b>2001</b> , 105, 138-149	24

1967	Interspecific and intraspecific variation of ectomycorrhizal fungi associated with Eucalyptus ecosystems as revealed by ribosomal DNA PCR-RFLP. <b>2001</b> , 105, 843-858	38
1966	Outcrossing or inbreeding: DNA markers provide evidence for type of reproductive mode in <i>Phellinus nigrolimitatus</i> (Basidiomycota). <b>2001</b> , 105, 676-683	57
1965	ITS-RFLP and ITS sequence diversity in <i>Pisolithus</i> from central and eastern Australian sclerophyll forests. <b>2001</b> , 105, 1304-1312	25
1964	Fungal Associations. <b>2001</b> ,	2
1963	Arundifungin, a novel antifungal compound produced by fungi: biological activity and taxonomy of the producing organisms. <b>2001</b> , 4, 93-102	24
1962	Characterization of bacterial and fungal soil communities by automated ribosomal intergenic spacer analysis fingerprints: biological and methodological variability. <b>2001</b> , 67, 4479-87	373
1961	Relative abundance and potential dispersal range of intersterility groups of <i>Heterobasidion annosum</i> in pure and mixed forests. <b>2001</b> , 79, 1057-1065	14
1960	Low ectomycorrhizal inoculum potential and diversity from soils in and near ancient forests of bristlecone pine ( <i>Pinus longaeva</i> ). <b>2001</b> , 79, 293-299	13
1959	Conservation and management of forest fungi in the Pacific Northwestern United States: an integrated ecosystem approach. <b>2001</b> , 19-63	18
1958	Phylogeny and taxonomy of the <i>Ophiostoma piceae</i> complex and the Dutch elm disease fungi. <b>2001</b> , 93, 111-136	92
1957	Species delimitation in the <i>Gloeocystidiellum porosum-clavuligerum</i> complex inferred from compatibility studies and nuclear rDNA sequence data. <b>2001</b> , 93, 907-914	11
1956	Diversity of <i>Cenococcum geophilum</i> isolates from serpentine and non-serpentine soils. <b>2001</b> , 93, 645-652	38
1955	The genetic population structure of <i>Pyrenopeziza betulicola</i> , the causative agent of birch leaf spot disease. <b>2001</b> , 93, 258-264	5
1954	<i>Leptographium guttulatum</i> sp. nov., a new species from spruce and pine in Europe. <b>2001</b> , 93, 380-388	10
1953	Molecular variation within and among species of Harpellales. <b>2001</b> , 93, 66-81	35
1952	The genus <i>Lentinula</i> in the Americas. <b>2001</b> , 93, 1102-1112	12
1951	Etubulin, ITS and group I intron sequences challenge the species pair concept in <i>Physcia aipolia</i> and <i>P. caesia</i> . <b>2001</b> , 93, 335-343	82
1950	Molecular and Physiological Analysis of the Powdery Mildew Antagonist <i>Pseudozyma flocculosa</i> and Related Fungi. <b>2001</b> , 91, 249-54	37



1949	Leptographium guttulatum sp. nov., a New Species from Spruce and Pine in Europe. <b>2001</b> , 93, 380		8
1948	Phylogenetic Analysis of Sugarcane Rusts Based on Sequences of ITS, 5.8 S rDNA and D1/D2 Regions of LSU rDNA. <b>2001</b> , 67, 28-36		45
1947	Ectomycorrhizal fungi at tree line in the Canadian Rockies. <b>2001</b> , 10, 217-229		25
1946	Cultivation of mushrooms of edible ectomycorrhizal fungi associated with Pinus densiflora by in vitro mycorrhizal synthesis. <b>2001</b> , 11, 67-81		33
1945	Identification of a mycorrhizal fungus in the roots of achlorophyllous Sciaphila tosaensis Makino (Triuridaceae). <b>2001</b> , 11, 83-88		28
1944	Defoliation effects on the ectomycorrhizal community of a mixed Pinus contorta/Picea engelmannii stand in Yellowstone Park. <b>2001</b> , 127, 533-539		39
1943	Isolation of Tricholoma matsutake and T. bakamatsutake cultures from field-collected ectomycorrhizas. <b>2001</b> , 42, 43-50		47
1942	Intraspecific invariability of the internal transcribed spacer region of rDNA of the truffle Terfezia terfezioides in Europe. <b>2001</b> , 46, 423-6		10
1941	Identification of mycorrhizal fungi from single pelotons of Dactylorhiza majalis (Orchidaceae) using single-strand conformation polymorphism and mitochondrial ribosomal large subunit DNA sequences. <i>Molecular Ecology</i> , <b>2001</b> , 10, 2089-93	5:7	74
1940	The molecular revolution in ectomycorrhizal ecology: peeking into the black-box. <i>Molecular Ecology</i> , <b>2001</b> , 10, 1855-71	5:7	603
1939	Genetic variability of Pisolithus isolates associated with native hosts and exotic eucalyptus in the western Mediterranean region. <b>2001</b> , 149, 577-587		32
1938	Genetic diversity of fungi closely associated with common reed. <b>2001</b> , 149, 589-598		63
1937	Community ecology of ectomycorrhizal fungi: an advancing interdisciplinary field. <b>2001</b> , 150, 555-562		175
1936	Assessing biogeographic relationships between North American and Chinese macrofungi. <b>2001</b> , 28, 271-281		52
1935	Correspondence between genet diversity and spatial distribution of above- and below-ground populations of the ectomycorrhizal fungus Hebeloma cylindrosporum. <i>Molecular Ecology</i> , <b>2001</b> , 10, 1121-31	5:7	55
1934	Diversity of endophytic fungi of single Norway spruce needles and their role as pioneer decomposers. <i>Molecular Ecology</i> , <b>2001</b> , 10, 1801-10	5:7	122
1933	Molecular identification of fine roots of trees from the Alps: reliable and fast DNA extraction and PCR-RFLP analyses of plastid DNA. <i>Molecular Ecology</i> , <b>2001</b> , 10, 2079-87	5:7	64
1932	Species-specific detection of Lobaria pulmonaria (lichenized ascomycete) diaspores in litter samples trapped in snow cover. <i>Molecular Ecology</i> , <b>2001</b> , 10, 2129-38	5:7	61

1931	Extreme specificity in epiparasitic Monotropoideae (Ericaceae): widespread phylogenetic and geographical structure. <i>Molecular Ecology</i> , <b>2001</b> , 10, 2285-95	5-7	140
1930	Identification of genes for lignin peroxidases and manganese peroxidases in ectomycorrhizal fungi. <b>2001</b> , 152, 151-158		52
1929	Elevated atmospheric CO alters root symbiont community structure in forest trees. <b>2001</b> , 152, 431-442		62
1928	Molecular and Morphological evolution in the Physciaceae (Lecanorales, Lichenized Ascomycotina), with Special Emphasis on the Genus Rinodina. <b>2001</b> , 33, 63-72		41
1927	Variation in the ribosomal ITS-sequence of the lichens Buellia Frigida and Xanthoria Elegans from the Vestfold Hills, Eastern Antarctica. <b>2001</b> , 33, 151-159		15
1926	No evidence from rDNA ITS sequence data for a placement of Ramalinora in the Ramalinaceae. <b>2001</b> , 33, 172-176		10
1925	Parmeliopsis ambigua and P. hyperopta (Parmeliaceae): species or chemotypes?. <b>2001</b> , 33, 403-408		28
1924	Soil fungi: diversity and detection. <b>2001</b> , 232, 147-154		233
1923	Biatora Britannica sp. Nov. and the Occurrence of Biatora Efflorescens in the British Isles. <b>2001</b> , 33, 181-187		10
1922	Molecular data support rejection of the generic concept in the Coccotremataceae (Ascomycota). <b>2001</b> , 33, 315-321		29
1921	Phylogenetic relationship of Ophiostoma piliferum to other sapstain fungi based on the nuclear rRNA gene. <b>2001</b> , 195, 163-7		24
1920	Molecular confirmation of Potamogeton [bottnicus (P. pectinatus [P. vaginatus, Potamogetonaceae) in Britain. <b>2001</b> , 135, 67-70		27
1919	Patterns of association between crucifers and their flower-mimic pathogens: host jumps are more common than coevolution or cospeciation. <b>2001</b> , 55, 41-53		116
1918	Molecular and morphological characterization of Tuber magnatum mycorrhizas in a long-term survey. <b>2001</b> , 155, 279-84		24
1917	Distribution and persistence of Amanita muscaria genotypes in Australian Pinus radiata plantations. <b>2001</b> , 105, 966-970		35
1916	Distribution and persistence of Australian Pisolithus species genets at native sclerophyll forest field sites. <b>2001</b> , 105, 971-976		24
1915	Sequence variation and geographic distribution of pseudoflower-forming rust fungi (Uromyces pisi s. lat.) on Euphorbia cyparissias. <b>2001</b> , 105, 57-66		56
1914	Common nuclear ribosomal internal transcribed spacer sequences occur in the sibling species Ophiostoma piceae and O. quercus. <b>2001</b> , 105, 331-337		12

1913	ITS sequence data suggest variability of ascus types and support ontogenetic characters as phylogenetic discriminators in the Agyriales (Ascomycota). <b>2001</b> , 105, 265-274	29
1912	The occurrence of an undescribed species of <i>Venturia</i> in blighted shoots of <i>Populus tremula</i> . <b>2001</b> , 105, 338-343	6
1911	Phylogenetic relationships in Auriculariales and related groupsHypotheses derived from nuclear ribosomal DNA sequences. <b>2001</b> , 105, 403-415	130
1910	DNA studies in the <i>Galerina marginata</i> complex. <b>2001</b> , 105, 432-440	17
1909	Molecular evidence suggests that <i>Ceratobasidium bicorne</i> has an anamorph known as a conifer pathogen. <b>2001</b> , 105, 555-562	31
1908	Molecular phylogeny of the Bacidiaceae (Lecanorales, lichenized Ascomycota). <b>2001</b> , 105, 783-797	67
1907	PATTERNS OF ASSOCIATION BETWEEN CRUCIFERS AND THEIR FLOWER-MIMIC PATHOGENS: HOST JUMPS ARE MORE COMMON THAN COEVOLUTION OR COSPECIATION. <b>2001</b> , 55, 41	9
1906	Morphology and Phylogeny of Ascomycete Lichens. <b>2001</b> , 189-210	3
1905	Phylogeny and Taxonomy of the <i>Ophiostoma piceae</i> Complex and the Dutch Elm Disease Fungi. <b>2001</b> , 93, 111	94
1904	The Genetic Population Structure of <i>Pyrenopeziza betulicola</i> , the Causative Agent of Birch Leaf Spot Disease. <b>2001</b> , 93, 258	6
1903	Comparison of ericoid and ectomycorrhizal colonization and ectomycorrhizal morphotypes in mixed conifer and pygmy forests on the northern California coast. <b>2001</b> , 79, 1202-1210	4
1902	Ectomycorrhizal fungal associates of <i>Pinus contorta</i> in soils associated with a hot spring in Norris Geyser Basin, Yellowstone National Park, Wyoming. <b>2001</b> , 67, 5538-43	28
1901	Saprotrophs and Ecosystems. <b>2001</b> , 297-366	3
1900	[beta]-Tubulin, ITS and Group I Intron Sequences Challenge the Species Pair Concept in <i>Physcia aipolia</i> and <i>P. caesia</i> . <b>2001</b> , 93, 335	86
1899	Diversity of <i>Cenococcum geophilum</i> Isolates from Serpentine and Non-Serpentine Soils. <b>2001</b> , 93, 645	38
1898	Characterization of <i>Pinus</i> ectomycorrhizas from mixed conifer and pygmy forests using morphotyping and molecular methods. <b>2001</b> , 79, 1211-1216	3
1897	Genetic variability among strains of <i>Phialocephala fortinii</i> and phylogenetic analysis of the genus <i>Phialocephala</i> based on rDNA ITS sequence comparisons. <b>2002</b> , 80, 1239-1249	54
1896	Towards a molecular phylogeny for the lichen family Pannariaceae (Lecanorales, Ascomycota). <b>2002</b> , 80, 625-634	40

1895	BELOWGROUND ECTOMYCORRHIZAL FUNGAL COMMUNITY CHANGE OVER A NITROGEN DEPOSITION GRADIENT IN ALASKA. <b>2002</b> , 83, 104-115	429
1894	Progress towards implementing the Biodiversity Action Plan for stipitate hydroid fungi in Scotland. <b>2002</b> , 54, 89-110	37
1893	DNA polymorphism and molecular diagnosis in <i>Inonotus</i> spp.. <b>2002</b> , 24, 194-199	12
1892	Influence of elevated CO <sub>2</sub> on the fungal community in a coastal scrub oak forest soil investigated with terminal-restriction fragment length polymorphism analysis. <b>2002</b> , 68, 4370-6	122
1891	Interactions in the Root Environment: An Integrated Approach. <b>2002</b> ,	0
1890	Biology of the Ectomycorrhizal Genus <i>Rhizopogon</i> . VI. Re-Examination of Infrageneric Relationships Inferred from Phylogenetic Analyses of ITS Sequences. <b>2002</b> , 94, 607	32
1889	Three New Species of <i>Trapeliopsis</i> on Soil in Western North America. <b>2002</b> , 105, 78-85	6
1888	<i>Pseudocyphellaria perpetua</i> , a New Lichen from Western North America. <b>2002</b> , 105, 1-10	51
1887	Oligonucleotide fingerprinting of rRNA genes for analysis of fungal community composition. <b>2002</b> , 68, 5999-6004	70
1886	<i>Chaenotheca nitidula</i> , A New Species of Calicioid Lichen from Northeastern North America. <b>2002</b> , 105, 353-357	9
1885	Spatial distribution of fungal endophyte genotypes in a <i>Woollsia pungens</i> (Ericaceae) root system. <b>2002</b> , 50, 559	15
1884	Biology of the ectomycorrhizal genus <i>Rhizopogon</i> . VI. Re-examination of infrageneric relationships inferred from phylogenetic analyses of ITS sequences. <b>2002</b> , 94, 607-19	74
1883	GENETIC DIFFERENTIATION BETWEEN NOBLE CRAYFISH, <i>ASTACUS ASTACUS</i> (L.), POPULATIONS DETECTED BY MICROSATELLITE LENGTH VARIATION IN THE RDNA ITS1 REGION. <b>2002</b> , 691-706	18
1882	Studies on the root associations of the truffle <i>Terfezia terfezioides</i> . <b>2002</b> , 49, 207-13	4
1881	<i>Puccinia hemerocallidis</i> , Cause of Daylily Rust, a Newly Introduced Disease in the Americas. <b>2002</b> , 86, 1194-1198	19
1880	PCR-based sensitive detection of medicinal fungi <i>Hericium</i> species from ribosomal internal transcribed spacer (ITS) sequences. <b>2002</b> , 25, 975-80	19
1879	The history and application of molecular mycology. <b>2002</b> , 16,	15
1878	Two new species of <i>Gomphidius</i> from the Western United States and Eastern Siberia. <b>2002</b> , 94, 1044-1050	5

1877	Cryptic species in <i>Stachybotrys chartarum</i> . <b>2002</b> , 94, 814-822	78
1876	Two New Species of <i>Gomphidius</i> from the Western United States and Eastern Siberia. <b>2002</b> , 94, 1044	1
1875	Four or more species of <i>Cladosporium</i> sympatrically colonize <i>Phragmites australis</i> . <b>2002</b> , 35, 99-113	30
1874	Phylogenetic relationships among smut fungi parasitizing dicotyledons based on ITS sequence analysis. <b>2002</b> , 106, 541-548	15
1873	rDNA ITS and $\beta$ tubulin gene sequence analyses reveal two monophyletic groups within the cosmopolitan lichen <i>Parmelia saxatilis</i> . <b>2002</b> , 106, 788-795	55
1872	Most species of <i>Lepraria</i> and <i>Leproloma</i> form a monophyletic group closely related to <i>Stereocaulon</i> . <b>2002</b> , 106, 1262-1276	72
1871	Identification of binucleate <i>Rhizoctonia</i> as a contaminant in pot cultures of arbuscular mycorrhizal fungi and development of a PCR-based method of detection. <b>2002</b> , 106, 1417-1426	6
1870	References. <b>2002</b> , 490-587	
1869	Mycorrhizae-Herbivore Interactions: Population and Community Consequences. <b>2002</b> , 295-320	127
1868	Characterization of <i>Dryas octopetala</i> ectomycorrhizas from limestone karst vegetation, western Ireland. <b>2002</b> , 80, 970-982	24
1867	Persistence of some Australian <i>Pisolithus</i> species introduced into eucalypt plantations in China. <b>2002</b> , 169, 271-281	26
1866	Kit-based, low-toxicity method for extracting and purifying fungal DNA from ectomycorrhizal roots. <b>2002</b> , 32, 52-4, 56	5
1865	Dominance of the mycorrhizal fungus <i>Rhizopogon rubescens</i> in a plantation of <i>Pinus pinea</i> seedlings inoculated with <i>Suillus collinitus</i> . <b>2002</b> , 59, 197-204	14
1864	Survival after outplanting of the ectomycorrhizal fungus <i>Laccaria bicolor</i> S238N inoculated on Douglas fir ( <i>Pseudotsuga menziesii</i> (Mirb.) Franco) cuttings. <b>2002</b> , 59, 81-92	11
1863	The causal agent of anthracnose of <i>Rhododendron</i> in Sweden and Latvia. <b>2002</b> , 106, 60-69	37
1862	Genetic relationships among violet root rot fungi as revealed by hyphal anastomosis and sequencing of the rDNA ITS regions. <b>2002</b> , 106, 156-163	12
1861	Colonization of root systems of <i>Carex flacca</i> and <i>C. pilulifera</i> by <i>Cortinarius</i> ( <i>Dermocybe</i> ) <i>cinnamomeus</i> . <b>2002</b> , 106, 452-459	26
1860	Identification of a prevalent <i>Tricholoma matsutake</i> ribotype in Japan by rDNA IGS1 spacer characterization. <b>2002</b> , 106, 435-443	27

1859	Ribosomal DNA and $\beta$ -tubulin data do not support the separation of the lichens <i>Usnea florida</i> and <i>U. subfloridana</i> as distinct species. <b>2002</b> , 106, 412-418	62
1858	Investigation of the influence of prescribed burning on ITS profiles of ectomycorrhizal and other soil fungi at three Australian sclerophyll forest sites. <b>2002</b> , 106, 532-540	73
1857	A phylogenetic study of <i>Nephroma</i> (lichen-forming Ascomycota). <b>2002</b> , 106, 777-787	34
1856	A comparison of ectomycorrhiza identification based on morphotyping and PCR-RFLP analysis. <b>2002</b> , 106, 868-878	36
1855	Molecular typing of Spanish species of <i>Amanita</i> by restriction analysis of the ITS region of the DNA. <b>2002</b> , 106, 903-910	12
1854	Molecular and physiological diversity in the bipolar lichen-forming fungus <i>Xanthoria elegans</i> . <b>2002</b> , 106, 1277-1286	31
1853	Sexuality and intersterility within the <i>Heterobasidion insulare</i> complex. <b>2002</b> , 106, 1435-1448	21
1852	Implications of molecular characters for the phylogeny of the genus <i>Entyloma</i> . <b>2002</b> , 106, 1392-1399	35
1851	Phylogenetic relationships in <i>Termitomyces</i> (Family Agaricaceae) based on the nucleotide sequence of ITS: a first approach to elucidate the evolutionary history of the symbiosis between fungus-growing termites and their fungi. <b>2002</b> , 22, 423-9	48
1850	ITS rDNA sequence-based phylogenetic analysis of <i>Tomentellopsis</i> species from boreal and temperate forests, and the identification of pink-type ectomycorrhizas. <b>2002</b> , 1, 81-92	28
1849	Identification of <i>Picea</i> -ectomycorrhizae by comparing DNA-sequences. <b>2002</b> , 1, 167-178	17
1848	Molecular kinship analyses of the agaricoid Russulaceae: Correspondence with mycorrhizal anatomy and sporocarp features in the genus <i>Russula</i> . <b>2002</b> , 1, 201-223	51
1847	Phylogeny of cetrarioid lichens (Parmeliaceae) inferred from ITS and $\beta$ -tubulin sequences, morphology, anatomy and secondary chemistry. <b>2002</b> , 1, 335-354	54
1846	Polymerase chain reaction (PCR) for the detection of king bolete ( <i>Boletus edulis</i> ) and slippery jack ( <i>Suillus luteus</i> ) in food samples. <b>2002</b> , 214, 340-345	7
1845	Primers based on specific ITS sequences of rDNAs for PCR detection of two fairy ring fungi of turfgrass, <i>Vascellum pratense</i> and <i>Lycoperdon pusillum</i> . <b>2002</b> , 43, 261-265	7
1844	Are Sebacinaceae common and widespread ectomycorrhizal associates of <i>Eucalyptus</i> species in Australian forests?. <b>2002</b> , 12, 243-7	75
1843	Mycophotobiontal selection in a Mediterranean cryptogam community with <i>Fulgensia fulgida</i> . <b>2002</b> , 153, 317-326	108
1842	Communities and populations of sebacinoïd basidiomycetes associated with the achlorophyllous orchid <i>Neottia nidus-avis</i> (L.) L.C.M. Rich. and neighbouring tree ectomycorrhizae. <i>Molecular Ecology</i> , <b>2002</b> , 11, 1831-44	5.7 223

1841	Development of a polymerase chain reaction-based denaturing gradient gel electrophoresis technique to study nematode species biodiversity using the 18s rDNA gene. <b>2002</b> , 2, 45-48	23
1840	Fine-level mycorrhizal specificity in the Monotropoideae (Ericaceae): specificity for fungal species groups. <i>Molecular Ecology</i> , <b>2002</b> , 11, 557-69	5-7 149
1839	Outline of phylogeny and character evolution in Rhizocarpon (Rhizocarpaceae, lichenized Ascomycota) based on nuclear ITS and mitochondrial SSU ribosomal DNA sequences. <b>2002</b> , 77, 535-546	36
1838	Genetic variability of <i>Tuber uncinatum</i> and its relatedness to other black truffles. <b>2002</b> , 4, 584-94	48
1837	Symbiotic germination and development of the myco-heterotrophic orchid <i>Neottia nidus-avis</i> in nature and its requirement for locally distributed <i>Sebacina</i> spp.. <b>2002</b> , 154, 233-247	178
1836	Subterranean community structure of ectomycorrhizal fungi under <i>Suillus grevillei</i> sporocarps in a <i>Larix kaempferi</i> forest. <b>2002</b> , 154, 529-539	47
1835	Species of cyanolichens from <i>Pseudocyphellaria</i> with indistinguishable ITS sequences have different photobionts. <b>2002</b> , 155, 121-129	29
1834	Basal hymenomycetes belonging to the Sebacinaceae are ectomycorrhizal on temperate deciduous trees. <b>2002</b> , 155, 183-195	107
1833	Molecular diversity and phylogenetic affinities of symbiotic root-associated ascomycetes of the Helotiales in burnt and metal polluted habitats. <b>2002</b> , 155, 131-148	152
1832	The root nodules of the Podocarpaceae harbour arbuscular mycorrhizal fungi. <b>2002</b> , 156, 283-295	45
1831	Size, distribution, and persistence of genets in local populations of the late-stage ectomycorrhizal basidiomycete, <i>Russula brevipes</i> . <b>2002</b> , 156, 313-320	111
1830	Vertical niche differentiation of ectomycorrhizal hyphae in soil as shown by T-RFLP analysis. <b>2002</b> , 156, 527-535	358
1829	Epiparasitic plants specialized on arbuscular mycorrhizal fungi. <b>2002</b> , 419, 389-92	225
1828	A molecular approach for early monitoring of decay basidiomycetes in wood chips. <b>2002</b> , 211, 117-22	30
1827	Phylogeny of the Genus <i>Cladonia</i> s.lat. (Cladoniaceae, Ascomycetes) Inferred from Molecular, Morphological, and Chemical Data.. <b>2002</b> , 18, 237-278	99
1826	Genetic Variability and its Geographical Distribution in the Widely Disjunct <i>Cavernularia Hultenii</i> . <b>2002</b> , 34, 101-111	48
1825	Ectomycorrhizae between <i>Alnus acuminata</i> H.B.K. and <i>Naucoria escharoides</i> (Fr.:Fr.) Kummer from Argentina. <b>2002</b> , 12, 61-6	23
1824	Molecular phylogeny and status of <i>Diploicia</i> and <i>Diplotomma</i> , with observations on <i>Diploicia subcanescens</i> and <i>Diplotomma rivas-martinezii</i> . <b>2002</b> , 34, 509-519	25

1823	Molecular phylogeny of <i>Diploschistes</i> inferred from ITS sequence data. <b>2003</b> , 35, 27-32	24
1822	Genetic relatedness among <i>Filobasidiella</i> species. <b>2002</b> , 156, 157-62	11
1821	Molecular relatedness within the "Ascochyta pinodes-complex". <b>2003</b> , 156, 317-27	19
1820	Direct nocturnal water transfer from oaks to their mycorrhizal symbionts during severe soil drying. <b>2003</b> , 134, 55-64	177
1819	Molecular identification of arbuscular mycorrhizal fungi in roots: Perspectives and problems. <b>2003</b> , 38, 113-124	80
1818	<i>Lactarius sanguifluus</i> versus <i>Lactarius vinosus</i> [Molecular and morphological analyses. <b>2003</b> , 2, 227-234	28
1817	Phylogeny of <i>Lepiota</i> (Agaricaceae) [Evidence from nrITS and nrLSU sequences. <b>2003</b> , 2, 305-322	47
1816	Mycorrhizal and root endophytic fungi of containerized <i>Picea glauca</i> seedlings assessed by rDNA sequence analysis. <b>2003</b> , 45, 128-36	63
1815	Monitoring of white-rot fungus during bioremediation of polychlorinated dioxin-contaminated fly ash. <b>2003</b> , 62, 601-7	18
1814	Diversity of ericoid mycorrhizal fungi isolated from hair roots of <i>Rhododendron obtusum</i> var. <i>kaempferi</i> in a Japanese red pine forest. <b>2003</b> , 44, 97-102	20
1813	Molecular phylogeny of ectomycorrhizal <i>Pisolithus</i> fungi associated with pine, dipterocarp, and eucalyptus trees in Thailand. <b>2003</b> , 44, 287-294	11
1812	A PCR/RFLP technique to characterize fungal species in <i>Eucalyptus grandis</i> Hill ex. Maiden ectomycorrhizas. <b>2003</b> , 13, 101-5	3
1811	Founder effect in a young <i>Leccinum duriusculum</i> (Schultzer) Singer population. <b>2003</b> , 13, 143-9	7
1810	Phylogenetic relationship of <i>Sclerotium rolfsii</i> (teleomorph <i>Athelia rolfsii</i> ) and <i>S. delphinii</i> based on ITS sequences. <b>2003</b> , 107, 164-8	33
1809	Molecular study of <i>Dermatocarpon miniatum</i> (Verrucariales) and allied taxa. <b>2003</b> , 107, 459-68	16
1808	Phylogeography of <i>Hyphoderma setigerum</i> (Basidiomycota) in the Northern Hemisphere. <b>2003</b> , 107, 645-52	29
1807	Taxonomy and toxicity of <i>Conocybe lactea</i> and related species. <b>2003</b> , 107, 969-79	59
1806	<i>Albatrellus citrinus</i> sp. nov., connected to <i>Picea abies</i> on lime rich soils. <b>2003</b> , 107, 1243-6	7



1805	Morphological and molecular phylogenetic studies in South American Cortinarius species. <b>2003</b> , 107, 1143-56	38
1804	Distribution of Amanita spp. genotypes under eastern Australian sclerophyll vegetation. <b>2003</b> , 107, 1157-62	19
1803	Analysis of nrDNA sequences and microsatellite allele frequencies reveals a cryptic chanterelle species <i>Cantharellus cascadenis</i> sp. nov. from the American Pacific Northwest. <b>2003</b> , 107, 1163-77	45
1802	Novel illudins from <i>Coprinopsis episcopalis</i> (syn. <i>Coprinus episcopalis</i> ), and the distribution of illudin-like compounds among filamentous fungi. <b>2003</b> , 107, 1201-9	34
1801	On the phylogeny of some polyketide synthase genes in the lichenized genus <i>Lecanora</i> . <b>2003</b> , 107, 1419-26	42
1800	Been surfin' the BMS Website recently?. <b>2003</b> , 17, 164	
1799	Molecular analysis of ectomycorrhizal basidiomycete communities in a <i>Pinus sylvestris</i> L. stand reveals long-term increased diversity after removal of litter and humus layers. <b>2003</b> , 45, 49-57	40
1798	Quantification of ectomycorrhizal mycelium in soil by real-time PCR compared to conventional quantification techniques. <b>2003</b> , 45, 283-92	73
1797	Distinguishing <i>Ophiostoma ips</i> and <i>Ophiostoma montium</i> , two bark beetle-associated sapstain fungi. <b>2003</b> , 222, 187-92	41
1796	Design and development of a DNA array for rapid detection and identification of multiple tomato vascular wilt pathogens. <b>2003</b> , 223, 113-22	118
1795	The use of amplified fragment length polymorphism for molecular analysis of <i>Beauveria bassiana</i> isolates from Kenya and other countries, and their correlation with host and geographical origin. <b>2003</b> , 229, 249-57	44
1794	The effects of increasing genetic distance on alignment of, and tree construction from, rDNA internal transcribed spacer sequences. <b>2003</b> , 26, 444-51	40
1793	Phylogeny of bipolar <i>Cladonia arbuscula</i> and <i>Cladonia mitis</i> (Lecanorales, Euascomycetes). <b>2003</b> , 27, 58-69	51
1792	Phylogeny of the frosty pod rot pathogen of cocoa. <b>2003</b> , 52, 476-485	46
1791	Swiss stone pine trees and spruce stumps represent an important habitat for <i>Heterobasidion</i> spp. in subalpine forests. <b>2003</b> , 33, 191-203	34
1790	Investigations on <i>Heterobasidion annosum</i> s.lat. in central and eastern Asia with the aid of mating tests and DNA fingerprinting. <b>2003</b> , 33, 269-286	38
1789	Phylogenetic Relationships Among <i>Colletotrichum</i> Pathogens of Strawberry and Design of PCR Primers for their Identification. <b>2003</b> , 151, 135-143	57
1788	Identification of roots from grass swards using PCR-RFLP and FFLP of the plastid trnL (UAA) intron. <b>2003</b> , 3, 8	55

1787	There is high potential for the formation of common mycorrhizal networks between understorey and canopy trees in a mixed evergreen forest. <b>2003</b> , 91, 1071-1080		142
1786	Characterization of Pacific golden chanterelle ( <i>Cantharellus formosus</i> ) genet size using co-dominant microsatellite markers. <i>Molecular Ecology</i> , <b>2003</b> , 12, 1607-18	5-7	44
1785	Co-existing grass species have distinctive arbuscular mycorrhizal communities. <i>Molecular Ecology</i> , <b>2003</b> , 12, 3085-95	5-7	353
1784	Potential bias of fungal 18S rDNA and internal transcribed spacer polymerase chain reaction primers for estimating fungal biodiversity in soil. <b>2003</b> , 5, 36-47		200
1783	Testing the limits of biological tolerance to arsenic in a fungus isolated from the River Tinto. <b>2003</b> , 5, 133-8		38
1782	Diversity of fungi in organic soils under a moorland--Scots pine ( <i>Pinus sylvestris</i> L.) gradient. <b>2003</b> , 5, 1121-32		149
1781	Identification of laccase-like genes in ectomycorrhizal basidiomycetes and transcriptional regulation by nitrogen in <i>Piloderma byssinum</i> . <b>2003</b> , 157, 547-554		55
1780	Mycorrhizas and nutrient cycling in ecosystems - a journey towards relevance?. <b>2003</b> , 157, 475-492		1074
1779	Vertical distribution of ectomycorrhizal fungal taxa in a podzol soil profile. <b>2003</b> , 159, 775-783		281
1778	Underground primary succession of ectomycorrhizal fungi in a volcanic desert on Mount Fuji. <b>2003</b> , 159, 743-756		139
1777	Culturing and direct DNA extraction find different fungi from the same ericoid mycorrhizal roots. <b>2003</b> , 160, 255-272		183
1776	Genetic diversity of <i>Pisolithus</i> in New Zealand indicates multiple long-distance dispersal from Australia. <b>2003</b> , 160, 569-579		67
1775	The phylogenetic relationships of the cyanobacterial lichens in the Lecanorales suborder Peltigerineae.. <b>2003</b> , 19, 419-431		49
1774	Molecular phylogeny of the <i>Sphaerophorus globosus</i> species complex. <b>2003</b> , 19, 224-232		24
1773	The Lichen Genus <i>Sticta</i> in the Great Smoky Mountains: A Phylogenetic Study of Morphological, Chemical, and Molecular Data. <b>2003</b> , 106, 61-79		25
1772	Ectomycorrhizas involving sebacinoid mycobionts. <b>2003</b> , 107, 3-14		80
1771	The <i>Ophiostoma piceae</i> complex in the Southern Hemisphere: a phylogenetic study. <b>2003</b> , 107, 469-76		36
1770	Development of markers for simple sequence repeat-rich regions that discriminate between <i>Pisolithus albus</i> and <i>P. microcarpus</i> . <b>2003</b> , 107, 699-706		17

1769	Host-parasite relationships among bolete infecting Hypomyces species. <b>2003</b> , 107, 1342-9	25
1768	Tholurna dissimilis and generic delimitations in Caliciaceae inferred from nuclear ITS and LSU rDNA phylogenies (Lecanorales, lichenized ascomycetes). <b>2003</b> , 107, 1403-18	12
1767	Genetic Variability and Host Specialization in the Latin American Clade of Ceratocystis fimbriata. <b>2003</b> , 93, 1274-84	100
1766	Specialized cheating of the ectomycorrhizal symbiosis by an epiparasitic liverwort. <b>2003</b> , 270, 835-42	147
1765	Structural features and evolutionary considerations of group IB introns in SSU rDNA of the lichen fungus Teloschistes. <b>2003</b> , 40, 252-60	7
1764	Molecular cloning, characterization, and expression of a cDNA encoding an endochitinase gene from the mycoparasite Stachybotrys elegans. <b>2003</b> , 39, 276-85	22
1763	Coarse-scale population structure of pathogenic Armillaria species in a mixed-conifer forest in the Blue Mountains of northeast Oregon. <b>2003</b> , 33, 612-623	146
1762	Genetic Studies of the Structure and Diversity of Arbuscular Mycorrhizal Fungal Communities. <b>2003</b> , 201-224	9
1761	Culture experiments and DNA sequence data confirm the identity of Lobaria photomorphs. <b>2003</b> , 81, 232-247	42
1760	Molecular phylogeny of Ustilago and Sporisorium species (Basidiomycota, Ustilaginales) based on internal transcribed spacer (ITS) sequences. <b>2003</b> , 81, 976-984	77
1759	Fungal biodiversity--as found in nasal mucus. <b>2003</b> , 41, 149-61	52
1758	Dynamics of bacterial and fungal communities on decaying salt marsh grass. <b>2003</b> , 69, 6676-87	87
1757	A diffusible factor from arbuscular mycorrhizal fungi induces symbiosis-specific MtENOD11 expression in roots of Medicago truncatula. <b>2003</b> , 131, 952-62	303
1756	Filamentous fungi in water systems. <b>2003</b> , 77-98	6
1755	Hanseniaspora meyeri sp. nov., Hanseniaspora clermontiae sp. nov., Hanseniaspora lachancei sp. nov. and Hanseniaspora opuntiae sp. nov., novel apiculate yeast species. <b>2003</b> , 53, 1671-1680	49
1754	Phylogenetic study of Fulgensia and allied Caloplaca and Xanthoria species (Teloschistaceae, lichen-forming ascomycota). <b>2003</b> , 90, 1095-103	35
1753	Molecular identification of ectomycorrhizal mycelium in soil horizons. <b>2003</b> , 69, 327-33	180
1752	Molecular Differentiation and Detection of Ginseng-Adapted Isolates of the Root Rot Fungus Cylindrocarpon destructans. <b>2003</b> , 93, 1533-42	78

1751	Detection of the mycoparasite <i>Stachybotrys elegans</i> , using primers with sequence- characterized amplification regions in conventional and real-time PCR. <b>2003</b> , 25, 49-61	12
1750	Divergence in mycorrhizal specialization within <i>Hexalectris spicata</i> (Orchidaceae), a nonphotosynthetic desert orchid. <b>2003</b> , 90, 1168-79	125
1749	Phylogeny and Taxonomy of <i>Macrolepiota</i> (Agaricaceae). <b>2003</b> , 95, 442	24
1748	Effects of litter addition on ectomycorrhizal associates of a lodgepole pine ( <i>Pinus contorta</i> ) stand in Yellowstone National Park. <b>2003</b> , 69, 3772-6	37
1747	Phylogeny of the Lichen Genus <i>Placopsis</i> and Its Allies Based on Bayesian Analyses of Nuclear and Mitochondrial Sequences. <b>2003</b> , 95, 827	12
1746	Phylogeny and Genetic Diversity of <i>Bridgeoporus nobilissimus</i> Inferred Using Mitochondrial and Nuclear rDNA Sequences. <b>2003</b> , 95, 836	5
1745	Phylogeny of the <i>Ophiostoma stenoceras</i> : <i>Sporothrix schenckii</i> Complex. <b>2003</b> , 95, 434	46
1744	SEVERE DEFOLIATION OF SCOTS PINE REDUCES REPRODUCTIVE INVESTMENT BY ECTOMYCORRHIZAL SYMBIONTS. <b>2003</b> , 84, 2051-2061	72
1743	Traditional Infrageneric Classification of <i>Gymnopilus</i> Is Not Supported by Ribosomal DNA Sequence Data. <b>2003</b> , 95, 1204	9
1742	Phylogeny and taxonomy of <i>Macrolepiota</i> (Agaricaceae). <b>2003</b> , 95, 442-456	54
1741	Phylogeny of the <i>Ophiostoma stenoceras</i> / <i>Sporothrix schenckii</i> complex. <b>2003</b> , 95, 434-441	76
1740	Traditional infrageneric classification of <i>Gymnopilus</i> is not supported by ribosomal DNA sequence data. <b>2003</b> , 95, 1204-14	31
1739	<i>Rhizopogon</i> spore bank communities within and among California pine forests. <b>2003</b> , 95, 603-13	56
1738	Phylogenetic relationships of European <i>Phlegmacium</i> species ( <i>Cortinarius</i> , Agaricales). <b>2003</b> , 95, 1155-70	31
1737	Phylogenetic relationships of russuloid basidiomycetes with emphasis on aphyllorphorean taxa. <b>2003</b> , 95, 1037-65	113
1736	Phylogeny of the lichen genus <i>Placopsis</i> and its allies based on Bayesian analyses of nuclear and mitochondrial sequences. <b>2003</b> , 95, 827-835	27
1735	Phylogeny and genetic diversity of <i>Bridgeoporus nobilissimus</i> inferred using mitochondrial and nuclear rDNA sequences. <b>2003</b> , 95, 836-845	12
1734	Primers are designed for amplification and direct sequencing of ITS region of rDNA from <i>Myxomycetes</i> . <b>2003</b> , 95, 474-9	17

1733	Phylogeny of the <i>Hypochnicium punctulatum</i> complex as inferred from ITS sequence data. <b>2003</b> , 95, 54-60	9
1732	Taxonomy of the <i>Rhizopogon vinicolor</i> species complex based on analysis of ITS sequences and microsatellite loci. <b>2003</b> , 95, 480-487	32
1731	New Approach to an Old Problem: Incorporating Signal from Gap-Rich Regions of ITS and rDNA Large Subunit into Phylogenetic Analyses to Resolve the <i>Peltigera canina</i> Species Complex. <b>2003</b> , 95, 1181	18
1730	New approach to an old problem: Incorporating signal from gap-rich regions of ITS and rDNA large subunit into phylogenetic analyses to resolve the <i>Peltigera canina</i> species complex. <b>2003</b> , 95, 1181-203	53
1729	Bacterial and Fungal Communities in BPS Chambers and Root Modules. <b>2003</b> ,	
1728	Molecular identification of ectomycorrhizal fungi associated with Dipterocarpaceae. <b>2003</b> , 13, 69-77	28
1727	Diversity of ectomycorrhizal symbionts in a disturbed <i>Pinus halepensis</i> plantation in the Mediterranean region. <b>2004</b> , 61, 705-710	7
1726	Molecular profiling of rhizosphere microbial communities associated with healthy and diseased black spruce ( <i>Picea mariana</i> ) seedlings grown in a nursery. <b>2004</b> , 70, 3541-51	72
1725	Development of a multiplex classical polymerase chain reaction technique for detection of <i>Didymella bryoniae</i> in infected cucumber tissues and greenhouse air samples. <b>2004</b> , 26, 291-298	5
1724	Short-term effects of seasonal prescribed burning on the ectomycorrhizal fungal community and fine root biomass in ponderosa pine stands in the Blue Mountains of Oregon. <b>2004</b> , 34, 2477-2491	56
1723	Secondary Chemistry of Lichen-forming Fungi: Chemosyndromic Variation and DNA-analyses of Cultures and Chemotypes in the <i>Ramalina farinacea</i> Complex. <b>2004</b> , 107, 152-162	33
1722	Identification of <i>Serpula lacrymans</i> and other decay fungi in construction timber by sequencing of ribosomal DNA [A practical approach. <b>2004</b> , 58, 199-204	16
1721	Molecular detection of <i>Fusarium subglutinans</i> , the causal organism of internal fruit rot in greenhouse peppers. <b>2004</b> , 26, 514-521	5
1720	Epitypification of <i>Ophiostoma galeiforme</i> and Phylogeny of Species in the <i>O. galeiforme</i> Complex. <b>2004</b> , 96, 1306	11
1719	<i>Coscinocladium</i> , an overlooked endemic and monotypic Mediterranean lichen genus of Physciaceae, reinstated by molecular phylogenetic analysis. <b>2004</b> , 53, 405-414	14
1718	Characterization of <i>Lactarius tesquorum</i> Ectomycorrhizae on <i>Cistus</i> sp. and Molecular Phylogeny of Related European <i>Lactarius</i> Taxa. <b>2004</b> , 96, 272	8
1717	INTERACTIONS WITH JUNIPER ALTER PINYON PINE ECTOMYCORRHIZAL FUNGAL COMMUNITIES. <b>2004</b> , 85, 2687-2692	30
1716	ECTOMYCORRHIZAL ABUNDANCE AND COMMUNITY COMPOSITION SHIFTS WITH DROUGHT: PREDICTIONS FROM TREE RINGS. <b>2004</b> , 85, 1072-1084	103

1715	Phylogeny and evolution of medical species of <i>Candida</i> and related taxa: a multigenic analysis. <b>2004</b> , 42, 5624-35	94
1714	Diversity and ecology of soil fungal communities: increased understanding through the application of molecular techniques. <b>2004</b> , 6, 769-79	413
1713	Impact of soil warming and shading on colonization and community structure of arbuscular mycorrhizal fungi in roots of a native grassland community. <b>2004</b> , 10, 52-64	113
1712	Mycorrhizal diversity in photosynthetic terrestrial orchids. <b>2004</b> , 163, 425-438	202
1711	Symbiotic germination and development of the myco-heterotroph <i>Monotropa hypopitys</i> in nature and its requirement for locally distributed <i>Tricholoma</i> spp. <b>2004</b> , 163, 405-423	80
1710	Shared ectomycorrhizal fungi between a herbaceous perennial ( <i>Helianthemum bicknellii</i> ) and oak ( <i>Quercus</i> ) seedlings. <b>2004</b> , 164, 375-382	70
1709	Saprotrophy and lichenization as options for the same fungal species on different substrata: environmental plasticity and fungal lifestyles in the <i>Stictis</i> / <i>Monotrema</i> complex. <b>2004</b> , 164, 459-465	91
1708	Multigene phylogenies of <i>Ophiostoma clavigerum</i> and closely related species from bark beetle-attacked <i>Pinus</i> in North America. <b>2004</b> , 237, 89-96	34
1707	Genetic diversity of the hyperparasite <i>Sphaerellopsis filum</i> on <i>Melampsora</i> willow rusts. <b>2004</b> , 34, 293-305	7
1706	Nitrogen availability alters macrofungal basidiomycete community structure in optimally fertilized loblolly pine forests. <b>2004</b> , 162, 755-770	37
1705	Fungal diversity in set-aside agricultural soil investigated using terminal-restriction fragment length polymorphism. <b>2004</b> , 36, 983-988	35
1704	Size and sequence heterogeneity in the ITS1 of <i>Xylaria hypoxylon</i> isolates. <b>2004</b> , 108, 71-5	9
1703	The phylogenetic position of <i>Spathulospora</i> based on DNA sequences from dried herbarium material. <b>2004</b> , 108, 737-48	32
1702	Controversy over <i>Hygrophorus cossus</i> settled using ITS sequence data from 200 year-old type material. <b>2004</b> , 108, 781-6	41
1701	<i>Melanelixia</i> and <i>Melanohalea</i> , two new genera segregated from <i>Melanelia</i> (Parmeliaceae) based on molecular and morphological data. <b>2004</b> , 108, 873-84	95
1700	High phylogenetic diversity among corticioid homobasidiomycetes. <b>2004</b> , 108, 983-1002	207
1699	<i>Tuberculina</i> - <i>Thanatophytum</i> / <i>Rhizoctonia crocorum</i> - <i>Helicobasidium</i> : a unique mycoparasitic-phytoparasitic life strategy. <b>2004</b> , 108, 227-38	18
1698	Molecular phylogeny of the genus <i>Physconia</i> (Ascomycota, Lecanorales) inferred from a Bayesian analysis of nuclear ITS rDNA sequences. <b>2004</b> , 108, 498-505	31

1697	The disappearance of <i>Taphrina bullata</i> from Australia. <b>2004</b> , 33, 125	2
1696	A phylogenetic study of the <i>Lecanora rupicola</i> group (Lecanoraceae, Ascomycota). <b>2004</b> , 108, 506-14	41
1695	Phylogenetic relationships and species concepts in <i>Parmelia</i> s. str. (Parmeliaceae) inferred from nuclear ITS rDNA and $\beta$ -tubulin sequences. <b>2004</b> , 36, 37-54	86
1694	The population of the hypogeous fungus <i>Tuber aestivum</i> syn. <i>T. uncinatum</i> on the island of Gotland. <b>2004</b> , 14, 19-23	38
1693	The early-stage ectomycorrhizal Thelephoroid fungal sp. is competitive and effective on <i>Afzelia africana</i> Sm. in nursery conditions in Senegal. <b>2004</b> , 14, 313-22	12
1692	Phylogenetic analyses of <i>Uromyces viciae-fabae</i> and its varieties on <i>Vicia</i> , <i>Lathyrus</i> , and <i>Pisum</i> in Japan. <b>2004</b> , 45, 1-8	9
1691	Morphological and molecular phylogenetic analysis of <i>Melampsora</i> species on poplars in China. <b>2004</b> , 45, 56-66	35
1690	Morphology and colonization preference of arbuscular mycorrhizal fungi in <i>Clethra barbinervis</i> , <i>Cucumis sativus</i> , and <i>Lycopersicon esculentum</i> . <b>2004</b> , 45, 206-213	12
1689	Phylogenetic placement of <i>Marasmiellus juniperinus</i> . <b>2004</b> , 45, 214-221	24
1688	Recovery of mycorrhizas of a fungus, <i>Cenococcum geophilum</i> , after urea treatment in warm temperate forests in Japan. <b>2004</b> , 45, 357-361	3
1687	Application of temperature gradient gel electrophoresis to the study of yeast diversity in the estuary of the Tagus river, Portugal. <b>2004</b> , 5, 253-61	27
1686	Forensic analysis of hallucinogenic fungi: a DNA-based approach. <b>2004</b> , 140, 147-57	26
1685	Molecular characterization and PCR detection of the melon pathogen <i>Acremonium cucurbitacearum</i> . <b>2004</b> , 110, 801-809	6
1684	Characterization of humus microbial communities in adjacent forest types that differ in nitrogen availability. <b>2004</b> , 48, 29-40	75
1683	Distribution of microbial communities associated with the dominant high marsh plants and sediments of the United States East Coast. <b>2004</b> , 48, 375-88	44
1682	An evaluation of 18S rDNA approaches for the study of fungal diversity in grassland soils. <b>2004</b> , 47, 385-95	66
1681	Chlorophyllous and achlorophyllous specimens of <i>Epipactis microphylla</i> , (Neottieae, Orchidaceae) are associated with ectomycorrhizal septomycetes, including truffles. <b>2004</b> , 47, 416-26	202
1680	Taxon-specific fungal primers reveal unexpectedly high diversity during leaf decomposition in a stream. <b>2004</b> , 3, 41-49	136

1679	The tropical <i>Polyporus tricholoma</i> (Polyporaceae) – Taxonomy, phylogeny, and the development of methods to detect cryptic species. <b>2004</b> , 3, 65-79	9
1678	Monophyletic groups within the Parmeliaceae identified by ITS rDNA, $\beta$ -tubulin and GAPDH sequences. <b>2004</b> , 3, 297-314	54
1677	<i>Rhodocollybia</i> in neotropical montane forests. <b>2004</b> , 3, 337-352	9
1676	Molecular approach for analysis of model fungal genes encoding ligninolytic peroxidases in wood-decaying soil systems. <b>2004</b> , 38, 43-9	11
1675	Microsatellite markers reveal the below ground distribution of genets in two species of <i>Rhizopogon</i> forming tuberculate ectomycorrhizas on Douglas fir. <b>2004</b> , 161, 313-320	82
1674	Molecular identification of mycorrhizal fungi in <i>Neuwiedia veratrifolia</i> (Orchidaceae). <b>2004</b> , 33, 251-8	34
1673	Phylogenetic relationships of cyphelloid homobasidiomycetes. <b>2004</b> , 33, 501-15	74
1672	Homogenous stands of a wetland grass harbour diverse consortia of arbuscular mycorrhizal fungi. <b>2004</b> , 48, 129-38	101
1671	Molecular diversity of <i>Frankia</i> in root nodules of <i>Alnus incana</i> grown with inoculum from polluted urban soils. <b>2004</b> , 50, 255-63	20
1670	<i>Graffenrieda emarginata</i> (Melastomataceae) forms mycorrhizas with Glomeromycota and with a member of the <i>Hymenoscyphus ericae</i> aggregate in the organic soil of a neotropical mountain rain forest. <b>2004</b> , 82, 340-356	39
1669	Ectomycorrhizal fungal communities in an <i>Abies firma</i> forest, with special reference to ectomycorrhizal associations between seedlings and mature trees. <b>2004</b> , 82, 822-829	36
1668	<i>Neurospora</i> and the phylogeny of <i>Usnea</i> s.l. (Parmeliaceae, Lichenized Ascomycetes). <b>2004</b> , 53, 925-934	25
1667	Molecular studies on terricolous microfungi reveal novel anamorphs of two <i>Tuber</i> species. <b>2004</b> , 108, 749-58	59
1666	A specific primer PCR and RFLP assay for the rapid detection and differentiation in planta of some <i>Mycosphaerella</i> species associated with foliar diseases of <i>Eucalyptus globulus</i> . <b>2004</b> , 108, 1476-93	20
1665	Uniting <i>Tricholoma sulphureum</i> and <i>T. bufonium</i> . <b>2004</b> , 108, 1162-71	9
1664	Genera in the family Agaricaceae: evidence from nrITS and nrLSU sequences. <b>2004</b> , 108, 354-77	95
1663	Characterisation of <i>Ophiostoma</i> species associated with pine bark beetles from Mexico, including <i>O. pulvinisporum</i> sp. nov. <b>2004</b> , 108, 690-8	25
1662	Evolution and taxonomy of the marine <i>Collembosidium</i> species (lichenized Ascomycota) in north-west Europe. <b>2004</b> , 108, 515-32	14



1661	Changing partners in the dark: isotopic and molecular evidence of ectomycorrhizal liaisons between forest orchids and trees. <b>2004</b> , 271, 1799-806	312
1660	Nonlegumes, legumes, and root nodules harbor different arbuscular mycorrhizal fungal communities. <b>2004</b> , 70, 6240-6	215
1659	Diversity of ectomycorrhizas associated with <i>Quercus garryana</i> in southern Oregon. <b>2004</b> , 82, 123-135	41
1658	Chronic nitrogen enrichment affects the structure and function of the soil microbial community in temperate hardwood and pine forests. <b>2004</b> , 196, 159-171	530
1657	Ectomycorrhizal fungal communities associated with <i>Salix viminalis</i> L. and <i>S. dasyclados</i> Wimm. clones in a short-rotation forestry plantation. <b>2004</b> , 196, 413-424	42
1656	A molecular phylogeny and a new classification of parmelioid lichens containing <i>Xanthoparmelia</i> type lichenan (Ascomycota: Lecanorales). <b>2004</b> , 53, 959-975	106
1655	A new root disease of goldenseal ( <i>Hydrastis canadensis</i> ) caused by <i>Cylindrocladium colhounii</i> . <b>2004</b> , 26, 596-600	
1654	Toward a Better Understanding of the Infrageneric Relationships in <i>Cortinarius</i> (Agaricales, Basidiomycota). <b>2004</b> , 96, 1042	47
1653	Habitat and Host Associations of <i>Craterellus tubaeformis</i> in Northwestern Oregon. <b>2004</b> , 96, 498	8
1652	Molecular studies on <i>Punctelia</i> species of the Iberian Peninsula, with an emphasis on specimens newly colonizing Madrid. <b>2004</b> , 36, 299-308	35
1651	Scottish <i>Sarcodon imbricatus</i> under scrutiny. <b>2004</b> , 56, 175-181	2
1650	Detection and Quantification of <i>Phytophthora ramorum</i> from California Forests Using a Real-Time Polymerase Chain Reaction Assay. <b>2004</b> , 94, 1075-83	116
1649	Morphology, life cycle biology, and DNA sequence analysis of rust fungi on garlic and chives from California. <b>2004</b> , 94, 569-77	48
1648	Characterization of <i>Lactarius tesquorum</i> ectomycorrhizae on <i>Cistus</i> sp. and molecular phylogeny of related European <i>Lactarius</i> taxa. <b>2004</b> , 96, 272-282	16
1647	Molecular tools for isolate and community studies of Pyrenomycete fungi. <b>2004</b> , 96, 439-451	13
1646	Epitypification of <i>Ophiostoma galeiforme</i> and phylogeny of species in the <i>O. galeiforme</i> complex. <b>2004</b> , 96, 1306-1315	12
1645	Habitat and host associations of <i>Craterellus tubaeformis</i> in northwestern Oregon. <b>2004</b> , 96, 498-509	9
1644	Molecular and morphological characterization of the willow rust fungus, <i>Melampsora epitea</i> , from arctic and temperate hosts in North America. <b>2004</b> , 96, 1330-1338	26

1643	Toward a better understanding of the infrageneric relationships in <i>Cortinarius</i> (Agaricales, Basidiomycota). <b>2004</b> , 96, 1042-1058	66
1642	Morphological and molecular systematics of Rocky Mountain alpine <i>Laccaria</i> . <b>2005</b> , 97, 949-972	12
1641	A new poroid species of <i>Resupinatus</i> from Puerto Rico, with a reassessment of the cyphelloid genus <i>Stigmatolemma</i> . <b>2005</b> , 97, 1140-1151	4
1640	Survey of potential sapstain fungi on <i>Pinus radiata</i> in New Zealand. <b>2005</b> , 43, 653-663	33
1639	High-elevation gray morels and other <i>Morchella</i> species harvested as non-timber forest products in Idaho and Montana. <b>2005</b> , 19, 62-68	13
1638	The causal agents of witches broom and frosty pod rot of cacao ( <i>Theobroma cacao</i> ) form a new lineage of <i>Marasmiaceae</i> . <b>2005</b> , 97, 1012-1022	14
1637	Molecular phylogeny of parmotreoid lichens (Ascomycota, <i>Parmeliaceae</i> ). <b>2005</b> , 97, 150-159	30
1636	Development of a DNA Macroarray for Detection and Monitoring of Economically Important Apple Diseases. <b>2005</b> , 89, 1143-1150	37
1635	Environmental factors influencing microbial growth inside the historic expedition huts of Ross Island, Antarctica. <b>2005</b> , 55, 45-53	36
1634	Assessment of inter- and intra-specific variability in the main species of <i>Boletus edulis</i> complex by ITS analysis. <b>2005</b> , 243, 411-6	31
1633	Evaluation of thin films of agarose on glass for hybridization of DNA to identify plant pathogens with microarray technology. <b>2005</b> , 342, 93-102	20
1632	Screening for bacterial-fungal associations in a south-eastern US salt marsh using pre-established fungal monocultures. <b>2005</b> , 54, 179-87	3
1631	Morphological and molecular typing of the below-ground fungal community in a natural <i>Tuber magnatum</i> truffle-ground. <b>2005</b> , 245, 307-13	99
1630	High diversity of endophytic fungi from the pharmaceutical plant, <i>Heterosmilax japonica</i> Kunth revealed by cultivation-independent approach. <b>2005</b> , 249, 255-66	61
1629	Generic delimitations in the family <i>Stictidaceae</i> (Ostropales, Ascomycota): the <i>Stictis</i> / <i>Monotrema</i> problem. <b>2005</b> , 37, 67-75	29
1628	Calibration of quantitative real-time TaqMan PCR by correlation with hyphal biomass and ITS copies in mycelia of <i>Piloderma croceum</i> . <b>2005</b> , 7, 713-7	47
1627	Evidence of species interactions within an ectomycorrhizal fungal community. <b>2005</b> , 165, 305-16	113
1626	Russulaceae and Thelephoraceae form ectomycorrhizas with members of the Nyctaginaceae (Caryophyllales) in the tropical mountain rain forest of southern Ecuador. <b>2005</b> , 165, 923-36	80

1625	Phylogenetic divergence in a local population of the ectomycorrhizal fungus <i>Cenococcum geophilum</i> . <b>2005</b> , 166, 263-71		87
1624	Contrasting below-ground views of an ectomycorrhizal fungal community. <b>2005</b> , 166, 251-62		79
1623	Detection of plot-level changes in ectomycorrhizal communities across years in an old-growth mixed-conifer forest. <b>2005</b> , 166, 619-29		191
1622	Diversity and specificity of ectomycorrhizal fungi retrieved from an old-growth Mediterranean forest dominated by <i>Quercus ilex</i> . <b>2005</b> , 166, 1011-23		179
1621	Does proximity to mature trees influence ectomycorrhizal fungus communities of Douglas-fir seedlings?. <b>2005</b> , 166, 993-1009		115
1620	Activity profiling of ectomycorrhiza communities in two forest soils using multiple enzymatic tests. <b>2005</b> , 167, 309-19		210
1619	Impact of lime, nitrogen and plant species on fungal community structure in grassland microcosms. <b>2005</b> , 7, 780-8		53
1618	Assemblages of ericoid mycorrhizal and other root-associated fungi from <i>Epacris pulchella</i> (Ericaceae) as determined by culturing and direct DNA extraction from roots. <b>2005</b> , 7, 819-27		66
1617	Quantitative assessment of phytopathogenic fungi in various substrates using a DNA microarray. <b>2005</b> , 7, 1698-710		101
1616	Species recognition in the truffle genus <i>Tuber</i> -- the synonyms <i>Tuber aestivum</i> and <i>Tuber uncinatum</i> . <b>2005</b> , 7, 1535-46		37
1615	Fungi associated with hair roots of <i>Rhododendron lochia</i> (Ericaceae) in an Australian tropical cloud forest revealed by culturing and culture-independent molecular methods. <b>2005</b> , 7, 1743-54		54
1614	Evaluation of ITS rDNA as a complement to mitochondrial gene sequences for phylogenetic studies in freshwater mussels: an example using Unionidae from north-western Europe. <b>2005</b> , 34, 415-424		52
1613	Differentiating the two closely related species, <i>Phellinus weirii</i> and <i>P. sulphurascens</i> . <b>2005</b> , 35, 305-314		14
1612	Occurrence in Elx, SE Spain of Inflorescence Rot Disease of Date Palms Caused by <i>Mauginiella scaettae</i> . <b>2005</b> , 153, 417-422		13
1611	Ectomycorrhizal fungal communities at forest edges. <b>2005</b> , 93, 244-255		192
1610	High specificity generally characterizes mycorrhizal association in rare lady's slipper orchids, genus <i>Cypripedium</i> . <i>Molecular Ecology</i> , <b>2005</b> , 14, 613-26	5-7	135
1609	Hyperdiversity of ectomycorrhizal fungus assemblages on oak seedlings in mixed forests in the southern Appalachian Mountains. <i>Molecular Ecology</i> , <b>2005</b> , 14, 829-38	5-7	82
1608	On the origins of extreme mycorrhizal specificity in the Monotropoideae (Ericaceae): performance trade-offs during seed germination and seedling development. <i>Molecular Ecology</i> , <b>2005</b> , 14, 1549-60	5-7	78

1607	Inefficient photosynthesis in the Mediterranean orchid <i>Limodorum abortivum</i> is mirrored by specific association to ectomycorrhizal Russulaceae. <i>Molecular Ecology</i> , <b>2006</b> , 15, 491-504	5-7	115
1606	Beringian origins and cryptic speciation events in the fly agaric ( <i>Amanita muscaria</i> ). <i>Molecular Ecology</i> , <b>2006</b> , 15, 225-39	5-7	124
1605	Early impacts of forest restoration treatments on the ectomycorrhizal fungal community and fine root biomass in a mixed conifer forest. <b>2005</b> , 42, 526-535		62
1604	Ustilosporae of <i>Tilletia ehrhartae</i> , a smut of <i>Ehrharta calycina</i> , are common contaminants of Australian wheat grain, and a potential source of confusion with <i>Tilletia indica</i> , the cause of Karnal bunt of wheat. <b>2005</b> , 54, 161-168		18
1603	Identification of <i>Lophodermium seditiosum</i> and <i>L. pinastri</i> in Swedish forest nurseries using species-specific PCR primers from the ribosomal ITS region. <b>2005</b> , 35, 163-172		15
1602	Pine microsatellite markers allow roots and ectomycorrhizas to be linked to individual trees. <b>2005</b> , 165, 295-304		54
1601	Molecular evidence supports the distinction between <i>Xanthoria parietina</i> and <i>X. aureola</i> (Teloschistaceae, lichenized Ascomycota). <b>2005</b> , 109, 187-99		21
1600	Molecular characterisation of <i>Beauveria bassiana</i> isolates obtained from overwintering sites of Sunn Pests ( <i>Eurygaster</i> and <i>Aelia</i> species). <b>2005</b> , 109, 294-306		53
1599	Morphological and molecular characterization of <i>Endophyllum</i> species on perennial asteraceous plants in South Africa. <b>2005</b> , 109, 387-400		10
1598	Molecular data confirm that <i>Omphalina foliacea</i> is a lichen-forming basidiomycete. <b>2005</b> , 109, 447-51		22
1597	Fingerprinting techniques as tools towards molecular quality control of <i>Pseudozyma flocculosa</i> . <b>2005</b> , 109, 335-41		0
1596	<i>Haloaleurodiscus mangrovei</i> gen. sp. nov. (Basidiomycota) from mangrove forests in Japan. <b>2005</b> , 109, 825-32		11
1595	Specific and sensitive PCR-based detection of <i>Septoria musiva</i> , <i>S. populicola</i> and <i>S. populi</i> , the causes of leaf spot and stem canker on poplars. <b>2005</b> , 109, 1015-28		15
1594	Seed-borne <i>Botryosphaeria</i> spp. from native <i>Prunus</i> and <i>Podocarpus</i> trees in Ethiopia, with a description of the anamorph <i>Diplodia rosulata</i> sp. nov. <b>2005</b> , 109, 1005-14		26
1593	PCR-identification of <i>Mycosphaerella</i> species associated with leaf diseases of <i>Eucalyptus</i> . <b>2005</b> , 109, 992-1004		23
1592	Ectomycorrhizal mycobionts of <i>Pisonia grandis</i> on coral cays in the Capricorn-Bunker group, Great Barrier Reef, Australia. <b>2005</b> , 109, 1105-11		23
1591	<i>Ophiostoma dentifundum</i> sp. nov. from oak in Europe, characterized using molecular phylogenetic data and morphology. <b>2005</b> , 109, 1127-36		20
1590	New Asian species of the genus <i>Anamika</i> (euagarics, hebelomatoid clade) based on morphology and ribosomal DNA sequences. <b>2005</b> , 109, 1259-67		12

1589	Identification and characterization of <i>Armillaria tabescens</i> from the southeastern United States. <b>2005</b> , 109, 1208-22	30
1588	Ectomycorrhizal fungi identification in single and pooled root samples: terminal restriction fragment length polymorphism (TRFLP) and morphotyping compared. <b>2005</b> , 37, 1683-1694	46
1587	Physiological and molecular characterisation of microbial communities associated with different water-stable aggregate size classes. <b>2005</b> , 37, 2007-2016	42
1586	Diversity of ectomycorrhizal fungi naturally established on containerised <i>Pinus</i> seedlings in nursery conditions. <b>2005</b> , 160, 47-52	15
1585	Phylogenetic analyses suggest reverse splicing spread of group I introns in fungal ribosomal DNA. <b>2005</b> , 5, 68	36
1584	Fungal-specific PCR primers developed for analysis of the ITS region of environmental DNA extracts. <b>2005</b> , 5, 28	407
1583	First record of <i>Mycosphaerella heimii</i> in Australia. <b>2005</b> , 34, 605	5
1582	<i>Botryosphaeria</i> spp. associated with eucalypts in Western Australia, including the description of <i>Fusicoccum macroclavatum</i> sp. nov.. <b>2005</b> , 34, 557	59
1581	Fungal diversity in rock beneath a crustose lichen as revealed by molecular markers. <b>2005</b> , 49, 598-603	24
1580	Elevated atmospheric CO <sub>2</sub> alters soil microbial communities associated with trembling aspen ( <i>Populus tremuloides</i> ) roots. <b>2005</b> , 50, 102-9	79
1579	Characterization of fungal community structure on a weathered pegmatitic granite. <b>2005</b> , 50, 360-8	95
1578	Soil bacterial and fungal community structure across a range of unimproved and semi-improved upland grasslands. <b>2005</b> , 50, 463-73	31
1577	A PCR method for the detection and differentiation of <i>Lentinus edodes</i> and <i>Trametes versicolor</i> in defined-mixed cultures used for wastewater treatment. <b>2005</b> , 67, 524-31	2
1576	Phylogenetical approach to isolation of white-rot fungi capable of degrading polychlorinated dibenzo-p-dioxin. <b>2005</b> , 69, 358-66	57
1575	Fungal diversity from western redcedar fences and their resistance to beta-thujaplicin. <b>2005</b> , 87, 109-17	28
1574	Isolation and characterization of a white rot fungus <i>Bjerkandera</i> sp. strain capable of oxidizing phenanthrene. <b>2005</b> , 27, 845-51	7
1573	Evidence for mutualist limitation: the impacts of conspecific density on the mycorrhizal inoculum potential of woodland soils. <b>2005</b> , 145, 123-31	23
1572	<i>Piriformospora indica</i> and <i>Sebacina vermifera</i> increase growth performance at the expense of herbivore resistance in <i>Nicotiana attenuata</i> . <b>2005</b> , 146, 234-43	112

1571	Phylogenetic relationships of four <i>Puccinia</i> species parasitic on <i>Artemisia</i> in Japan. <b>2005</b> , 46, 61-65	1
1570	Genetic relationship of <i>Tricholoma matsutake</i> and <i>T. nauseosum</i> from the Northern Hemisphere based on analyses of ribosomal DNA spacer regions. <b>2005</b> , 46, 90-96	37
1569	<i>Caeoma tsukubaense</i> n. sp., a rhododendron rust fungus of Japan and southern Asia, and its relationship to <i>Chrysomyxa rhododendri</i> . <b>2005</b> , 46, 143-147	3
1568	Specific detection of a basidiomycete, <i>Phlebia brevispora</i> associated with butt rot of <i>Chamaecyparis obtusa</i> , by PCR-based analysis. <b>2005</b> , 51, 83-88	11
1567	Ectomycorrhizas of <i>Cortinarius helodes</i> and <i>Gyrodon monticola</i> with <i>Alnus acuminata</i> from Argentina. <b>2005</b> , 15, 7-15	16
1566	Diversity of an ectomycorrhizal fungal community studied by a root tip and total soil DNA approach. <b>2005</b> , 15, 1-6	59
1565	Morphological and molecular characterization of selected <i>Ramaria</i> mycorrhizae. <b>2005</b> , 15, 55-9	22
1564	Co-occurrence of Arum- and Paris-type morphologies of arbuscular mycorrhizae in cucumber and tomato. <b>2005</b> , 15, 73-7	41
1563	Pezizalean mycorrhizas and sporocarps in ponderosa pine ( <i>Pinus ponderosa</i> ) after prescribed fires in eastern Oregon, USA. <b>2005</b> , 15, 79-86	80
1562	Year-round monitoring of diversity and potential metabolic activity of the ectomycorrhizal community in a beech ( <i>Fagus silvatica</i> ) forest subjected to two thinning regimes. <b>2005</b> , 15, 235-45	181
1561	Morphological-anatomical characterization and molecular identification of <i>Tomentella stuposa</i> ectomycorrhizae and related anatomotypes. <b>2005</b> , 15, 247-58	33
1560	Douglas-fir ectomycorrhizae in 40- and 400-year-old stands: mycobiont availability to late successional western hemlock. <b>2005</b> , 15, 393-403	58
1559	Fungal communities in mycorrhizal roots of conifer seedlings in forest nurseries under different cultivation systems, assessed by morphotyping, direct sequencing and mycelial isolation. <b>2005</b> , 16, 33-41	115
1558	Morphological and molecular diversity and abundance of tomentelloid ectomycorrhizae in broad-leaved forests of the Hungarian Plain. <b>2005</b> , 15, 459-70	11
1557	Isolation and characterization of melanized fungi from limestone formations in Mallorca. <b>2005</b> , 4, 23-38	87
1556	Tests of species concepts of the small, white, European group of <i>Tuber</i> spp. based on morphology and rDNA ITS sequences with special reference to <i>Tuber rapaeodorum</i> . <b>2005</b> , 4, 281-290	28
1555	New <i>Clavulina</i> species from the Pakaraima Mountains of Guyana. <b>2005</b> , 4, 343-350	26
1554	A new plant pathogenic sterile white basidiomycete from Australia. <b>2005</b> , 112, 63-77	5

1553	Invasion biology of Australian ectomycorrhizal fungi introduced with eucalypt plantations into the Iberian Peninsula. <b>2005</b> , 7, 3-15	67
1552	Mycorrhizas: Gene to Function. <b>2005</b> , 274, 79-100	32
1551	Genomic Configuration of the Autotetraploid Oat Species <i>Avena macrostachya</i> Inferred from Comparative Analysis of ITS1 and ITS2 Sequences: on the Oat Karyotype Evolution during the Early Events of the <i>Avena</i> Species Divergence. <b>2005</b> , 41, 518-528	38
1550	Comparison of ectomycorrhizas of <i>Quercus garryana</i> (Fagaceae) on serpentine and non-serpentine soils in southwestern Oregon. <b>2005</b> , 92, 224-30	36
1549	A New Species of <i>Lepraria</i> (Lichenized Ascomycetes) from Europe. <b>2005</b> , 108, 131-138	8
1548	Molecular phylogeny of parmotreoid lichens (Ascomycota, Parmeliaceae). <b>2005</b> , 97, 150-9	45
1547	Hydroxylation of the herbicide isoproturon by fungi isolated from agricultural soil. <b>2005</b> , 71, 7927-32	40
1546	Biology and Detection of Fungal Pathogens of Humans and Plants. <b>2005</b> , 109-130	
1545	The polypore mushroom <i>Irpex lacteus</i> , a new causative agent of fungal infections. <b>2005</b> , 43, 2009-11	21
1544	Nucleic acid isolation from ecological samples--fungal associations, lichens. <b>2005</b> , 395, 48-57	5
1543	Effects of artificial defoliation of pines on the structure and physiology of the soil fungal community of a mixed pine-spruce forest. <b>2005</b> , 71, 1996-2000	15
1542	Lateral transfer of mating system in <i>Stemphylium</i> . <b>2005</b> , 102, 11390-5	87
1541	Nucleic acid isolation from ecological samples--fungal associations, mycorrhizae. <b>2005</b> , 395, 58-72	3
1540	Detection and species discrimination using rDNA T-RFLP for identification of wood decay fungi. <b>2005</b> , 59, 696-702	18
1539	Morphological and Functional Diversity of Ectomycorrhizal Fungi on Roan Mountain (NC/TN). <b>2005</b> , 4, 121-132	6
1538	Molecular phylogenetic studies on the <i>Parmotrema reticulatum</i> (syn. <i>Rimelia reticulata</i> ) complex, including the confirmation of <i>P. pseudoreticulatum</i> as a distinct species. <b>2005</b> , 37, 55-65	41
1537	<i>Parmelia barroenoae</i> , a new lichen species related to <i>Parmelia sulcata</i> (Parmeliaceae) based on molecular and morphological data. <b>2005</b> , 37, 37-46	58
1536	Isolation and identification of mycorrhizal fungi associating with an achlorophyllous plant, <i>Epipogium roseum</i> (Orchidaceae). <b>2005</b> , 46, 73-77	69

1535	Cellobiose dehydrogenase formation by filamentous fungus <i>Chaetomium</i> sp. INBI 2-26(-). <b>2005</b> , 119, 44-59	13
1534	Molecular approaches for assessing fungal diversity in marine substrata. <b>2005</b> , 48,	34
1533	Two new <i>Cryptosporiopsis</i> species from roots of ericaceous hosts in western North America. <b>2005</b> , 53, 53-62	32
1532	<i>Chaenothecopsis</i> in a molecular phylogeny based on nuclear rDNA ITS and LSU sequences. <b>2005</b> , 54, 427-442	17
1531	Effects of severe dwarf mistletoe infection on the ectomycorrhizal community of a <i>Pinus contortastand</i> in Yellowstone Park. <b>2005</b> , 83, 1174-1180	15
1530	Ophiostomatoid and basidiomycetous fungi associated with green, red, and grey lodgepole pines after mountain pine beetle ( <i>Dendroctonus ponderosae</i> ) infestation. <b>2005</b> , 35, 274-284	49
1529	Ecochemical studies of interrelationships between epiphytic bacteria and host plants via secondary metabolites. <b>2005</b> , 69, 1427-41	24
1528	Distribution and frequency of <i>Cronartium flaccidum</i> on <i>Melampyrum</i> spp. in Finland. <b>2005</b> , 35, 229-234	14
1527	A framework for a phylogenetic classification in the genus <i>Cortinarius</i> (Basidiomycota, Agaricales) derived from morphological and molecular data. <b>2005</b> , 83, 1457-1477	64
1526	Conidial morphology, virulence, molecular characterization, and host-parasite interactions of selected <i>Alternaria panax</i> isolates on American ginseng. <b>2005</b> , 83, 1133-1143	15
1525	Stable-isotope probing of bacteria capable of degrading salicylate, naphthalene, or phenanthrene in a bioreactor treating contaminated soil. <b>2005</b> , 71, 1202-9	129
1524	Phylum- and class-specific PCR primers for general microbial community analysis. <b>2005</b> , 71, 6193-8	93
1523	Fungal community analysis by large-scale sequencing of environmental samples. <b>2005</b> , 71, 5544-50	686
1522	Assessment of soil microbial community structure by use of taxon-specific quantitative PCR assays. <b>2005</b> , 71, 4117-20	985
1521	Belowground ectomycorrhizal community structure of mature lodgepole pine and mixed conifer stands in Yellowstone National Park. <b>2005</b> , 208, 303-317	33
1520	<i>Ampelomyces</i> mycoparasites from apple powdery mildew identified as a distinct group based on single-stranded conformation polymorphism analysis of the rDNA ITS region. <b>2005</b> , 109, 429-38	43
1519	<i>Botryosphaeria</i> species from <i>Eucalyptus</i> in Australia are pleoanamorphic, producing dichomera synanamorphs in culture. <b>2005</b> , 109, 1347-63	48
1518	Rapid molecular technique for identification of a biological control agent <i>Rhodosporidium diobovatum</i> . <b>2005</b> , 15, 827-834	



1517	The Impact of Molecular Data in Fungal Systematics. <b>2005</b> , 42, 33-67	23
1516	Pandangolide 1a, a metabolite of the sponge-associated fungus <i>Cladosporium</i> sp., and the absolute stereochemistry of pandangolide 1 and iso-cladospolide B. <b>2005</b> , 68, 1350-3	48
1515	Genetic analysis and attribution of microbial forensics evidence. <b>2005</b> , 31, 233-54	56
1514	. <b>2006</b> , 98, 23-30	13
1513	Biogenic Impact on Materials. <b>2006</b> , 711-787	1
1512	Assessing Bacterial and Fungal Community Structure in Soil Using Ribosomal RNA and Other Structural Gene Markers. <b>2006</b> , 159-188	12
1511	The spatial influence of <i>Pseudotsuga menziesii</i> retention trees on ectomycorrhiza diversity. <b>2006</b> , 36, 2561-2573	60
1510	Ectomycorrhizal fungal communities of nursery-inoculated seedlings outplanted on clear-cut sites in northern Alberta. <b>2006</b> , 36, 1684-1694	26
1509	Integrated long-term responses of an arctic Alpine willow and associated ectomycorrhizal fungi to an altered environment. <b>2006</b> , 84, 831-843	30
1508	Evaluation of foliar fungal endophyte incidence in field-grown transgenic Bt white spruce trees. <b>2006</b> , 84, 1573-1580	5
1507	Seasonal influences on fungal community structure in unimproved and improved upland grassland soils. <b>2006</b> , 52, 689-94	33
1506	ISSR Marker and ITS Sequence Study of <i>Melampsora Larici-populina</i> . <b>2006</b> , 5, 847-854	3
1505	ITS primers for the identification of marketable <i>Boletus</i> . <b>2006</b> , 121, 318-29	35
1504	Molecular identification of the edible ectomycorrhizal fungus <i>Lactarius deliciosus</i> in the symbiotic and extraradical mycelium stages. <b>2006</b> , 126, 123-34	29
1503	Multi-gene phylogeny for <i>Ophiostoma</i> spp. reveals two new species from <i>Protea</i> infructescences. <b>2006</b> , 55, 199-212	38
1502	DNA sequence comparisons of <i>Ophiostoma</i> spp., including <i>Ophiostoma aurorae</i> sp. nov., associated with pine bark beetles in South Africa. <b>2006</b> , 55, 269-77	47
1501	Genetic combinations of symbionts in a vegetatively reproducing lichen, <i>Parmotrema tinctorum</i> , based on ITS rDNA sequences. <b>2006</b> , 109, 43-59	59
1500	A preliminary survey of non-lichenized fungi cultured from the hyperarid Atacama Desert of Chile. <b>2006</b> , 6, 521-6	49

1499	Biodiversity of foliar fungal endophytes in white spruce ( <i>Picea glauca</i> ) from southern Québec. <b>2006</b> , 84, 777-790	26
1498	Effects of clearcut logging and tree species composition on the diversity and community composition of epigeous fruit bodies formed by ectomycorrhizal fungi. <b>2006</b> , 84, 966-980	59
1497	A new taxonomy of the <i>Caloplaca citrina</i> group in the Nordic countries, except Iceland. <b>2006</b> , 38, 1-20	62
1496	Endophytic <i>Phomopsis</i> species: host range and implications for diversity estimates. <b>2006</b> , 52, 673-80	93
1495	Molecular epidemiology of forest pathogens: from genes to landscape. <b>2006</b> , 28, 167-181	8
1494	CO <sub>2</sub> -enrichment and nutrient availability alter ectomycorrhizal fungal communities. <b>2006</b> , 87, 2278-87	126
1493	Afforestation of degraded soils with <i>Pinus halepensis</i> Mill.: Effects of inoculation with selected microorganisms and soil amendment on plant growth, rhizospheric microbial activity and ectomycorrhizal formation. <b>2006</b> , 34, 42-51	24
1492	Mycorrhizal fungal diversity in willow forests of different age along the river Waal, The Netherlands. <b>2006</b> , 237, 366-372	26
1491	Ectomycorrhizal status of Norway spruce seedlings from bare-root forest nurseries. <b>2006</b> , 236, 375-384	35
1490	The phylogeny and classification of <i>Neuropogon</i> and <i>Usnea</i> (Parmeliaceae, Ascomycota) revisited. <b>2006</b> , 55, 367-376	40
1489	Real-time PCR for detection and quantification of fungal and oomycete tomato pathogens in plant and soil samples. <b>2006</b> , 171, 155-165	142
1488	Spatial and temporal diversity of wood decomposer communities in different forest stands, determined by ITS rDNA targeted TGGE. <b>2006</b> , 63, 547-556	23
1487	Characterization and ecological role of free-living nitrogen-fixing bacteria isolated from the rhizoplane of <i>Melastoma malabathricum</i> inhabiting acidic plain lands in Kalimantan. <b>2006</b> , 15, 365-369	7
1486	Identifying and Characterizing Summer Diseases on Babygold Peach in South Carolina. <b>2006</b> , 7, 30	5
1485	Innate nonhost immunity in barley to different heterologous rust fungi is controlled by sets of resistance genes with different and overlapping specificities. <b>2006</b> , 19, 1270-9	62
1484	Perpetuation of Powdery Mildew Infection and Identification of <i>Erysiphe australiana</i> as the Grape Myrtle Pathogen in Mid-Tennessee. <b>2006</b> , 90, 1098-1101	14
1483	Streams in Quebec boreal and mixed-wood forests reveal a new aquatic hyphomycete species, <i>Dwayaangam colodena</i> sp. nov.. <b>2006</b> , 98, 628-636	5
1482	Spatial structure and richness of ectomycorrhizal fungi colonizing bioassay seedlings from resistant propagules in a Sierra Nevada forest: comparisons using two hosts that exhibit different seedling establishment patterns. <b>2006</b> , 98, 374-383	20

1481	Spatial analysis of within-population microsatellite variability reveals restricted gene flow in the Pacific golden chanterelle ( <i>Cantharellus formosus</i> ). <b>2006</b> , 98, 250-259	5
1480	Phylogenetic relations of <i>Rhizoplaca</i> Zopf. from Anatolia inferred from ITS sequence data. <b>2006</b> , 61, 405-12	4
1479	A new species of <i>Lepraria</i> (Lecanorales: Stereocaulaceae) from the Canary Islands and the typification of <i>Lepraria isidiata</i> . <b>2006</b> , 38, 213-221	14
1478	<i>Ophiostoma brevisculum</i> sp. nov. (Ophiostomatales, Ascomycota) is a new species in the <i>Ophiostoma piceae</i> complex associated with bark beetles infesting larch in Japan. <b>2006</b> , 98, 801-814	10
1477	Characterization and identification of field ectomycorrhizae of <i>Boletus edulis</i> and <i>Cistus ladanifer</i> . <b>2006</b> , 98, 23-30	24
1476	<i>Genea</i> , <i>Genabea</i> and <i>Gilkeya</i> gen. nov.: ascomata and ectomycorrhiza formation in a <i>Quercus</i> woodland. <b>2006</b> , 98, 699-716	20
1475	Comparison of taxonomic, colony morphotype and PCR-RFLP methods to characterize microfungal diversity. <b>2006</b> , 98, 384-392	
1474	Three new <i>Lasiodiplodia</i> spp. from the tropics, recognized based on DNA sequence comparisons and morphology. <b>2006</b> , 98, 423-435	44
1473	Rediscovery of <i>Alnicola cholea</i> (Cortinariaceae): taxonomic revision and description of its mycorrhiza with <i>Polygonum viviparum</i> (Polygonaceae). <b>2006</b> , 98, 468-478	4
1472	Molecular Characterization of <i>Fusarium oxysporum</i> and <i>Fusarium commune</i> Isolates from a Conifer Nursery. <b>2006</b> , 96, 1124-33	40
1471	Characterization of North American <i>Armillaria</i> species: genetic relationships determined by ribosomal DNA sequences and AFLP markers. <b>2006</b> , 36, 145-164	56
1470	Endophytic fungi in Siberian larch ( <i>Larix sibirica</i> ) needles. <b>2006</b> , 36, 434-446	12
1469	<i>Podosphaera pannosa</i> (syn. <i>Sphaerotheca pannosa</i> ) on <i>Rosa</i> and <i>Prunus</i> spp.: Characterization of Pathotypes by Differential Plant Reactions and ITS Sequences. <b>2006</b> , 154, 23-28	28
1468	Relatedness Among Agronomically Important Rusts Based on Mitochondrial Cytochrome b Gene and Ribosomal ITS Sequences. <b>2006</b> , 154, 110-118	23
1467	Endoglucanase-producing fungi isolated from Cape Evans historic expedition hut on Ross Island, Antarctica. <b>2006</b> , 8, 1212-9	46
1466	Diversity and expression of nitrogenase genes ( <i>nifH</i> ) from ectomycorrhizas of Corsican pine ( <i>Pinus nigra</i> ). <b>2006</b> , 8, 2224-30	31
1465	Ectomycorrhizal networks and seedling establishment during early primary succession. <b>2006</b> , 169, 169-78	264
1464	Sebacinales form ectendomycorrhizas with <i>Cavendishia nobilis</i> , a member of the Andean clade of Ericaceae, in the mountain rain forest of southern Ecuador. <b>2006</b> , 169, 355-65	68

1463	Dynamic of the genetic structure of bacterial and fungal communities at different developmental stages of <i>Medicago truncatula</i> Gaertn. cv. Jemalong line J5. <b>2006</b> , 170, 165-75	163
1462	Fine-scale distribution of pine ectomycorrhizas and their extramatrical mycelium. <b>2006</b> , 170, 381-90	196
1461	The effect of different pine hosts on the sampling of <i>Rhizopogon</i> spore banks in five Eastern Sierra Nevada forests. <b>2006</b> , 170, 551-60	36
1460	Below-ground interactions with arbuscular mycorrhizal shrubs decrease the performance of pinyon pine and the abundance of its ectomycorrhizas. <b>2006</b> , 171, 171-8	37
1459	Pioneer dwarf willow may facilitate tree succession by providing late colonizers with compatible ectomycorrhizal fungi in a primary successional volcanic desert. <b>2006</b> , 171, 187-97	104
1458	Ectomycorrhizal community structure varies among Norway spruce ( <i>Picea abies</i> ) clones. <b>2006</b> , 171, 815-24	110
1457	Influence of long-term repeated prescribed burning on mycelial communities of ectomycorrhizal fungi. <b>2006</b> , 172, 149-58	58
1456	<i>Tricholoma matsutake</i> in a natural <i>Pinus densiflora</i> forest: correspondence between above- and below-ground genets, association with multiple host trees and alteration of existing ectomycorrhizal communities. <b>2006</b> , 171, 825-36	138
1455	<i>Pakaraimaea dipterocarpacea</i> is ectomycorrhizal, indicating an ancient Gondwanaland origin for the ectomycorrhizal habit in <i>Dipterocarpaceae</i> . <b>2006</b> , 172, 753-62	101
1454	Detection of <i>Tuber melanosporum</i> DNA in soil. <b>2006</b> , 254, 251-7	29
1453	Development of a rapid and simple <i>Agrobacterium tumefaciens</i> -mediated transformation system for the fungal pathogen <i>Heterobasidion annosum</i> . <b>2006</b> , 255, 82-8	13
1452	Detecting single nucleotide polymorphisms using DNA arrays for plant pathogen diagnosis. <b>2006</b> , 255, 129-39	49
1451	Biodegradation of benzo(a)pyrene by a newly isolated <i>Fusarium</i> sp. <b>2006</b> , 262, 99-106	39
1450	Distribution of the endophytic fungus, <i>Neotyphodium occultans</i> in naturalized Italian ryegrass in western Japan and its production of bioactive alkaloids known to repel insect pests. <b>2006</b> , 52, 147-154	30
1449	Wood-inhabiting fungal communities in woody debris of Norway spruce ( <i>Picea abies</i> (L.) Karst.), as reflected by sporocarps, mycelial isolations and T-RFLP identification. <b>2006</b> , 55, 57-67	69
1448	Molecular markers detecting an ectomycorrhizal <i>Suillus collinitus</i> strain on <i>Pinus halepensis</i> roots suggest successful inoculation and persistence in Mediterranean nursery and plantation. <b>2006</b> , 55, 146-58	16
1447	Endobacteria in some ectomycorrhiza of Scots pine ( <i>Pinus sylvestris</i> ). <b>2006</b> , 56, 34-43	63
1446	Microeukaryotic diversity in the extreme environments of the Iberian Pyrite Belt: a comparison between universal and fungi-specific primer sets, temperature gradient gel electrophoresis and cloning. <b>2006</b> , 57, 139-48	24

1445	Diversity of the small subunit ribosomal RNA gene of the arbuscular mycorrhizal fungi colonizing <i>Clintonia borealis</i> from a mixed-wood boreal forest. <b>2006</b> , 58, 225-35		8
1444	Disproportionate abundance between ectomycorrhizal root tips and their associated mycelia. <b>2006</b> , 58, 214-24		107
1443	Analysis of fungal diversity of grapes by application of temporal temperature gradient gel electrophoresis - potentialities and limits of the method. <b>2006</b> , 101, 1340-50		20
1442	Interactions between an above-ground plant parasite and below-ground ectomycorrhizal fungal communities on pinyon pine. <b>2006</b> , 94, 276-284		30
1441	Genetic variation and population differentiation in the lichen-forming ascomycete <i>Xanthoria parietina</i> on the island Storfosna, central Norway. <i>Molecular Ecology</i> , <b>2006</b> , 15, 1545-59	5-7	63
1440	A fungal endophyte of black spruce ( <i>Picea mariana</i> ) needles is also an aquatic hyphomycete. <i>Molecular Ecology</i> , <b>2006</b> , 15, 1955-62	5-7	36
1439	Comparative morphological, ecological, and molecular studies of <i>Aspergillus versicolor</i> (Vuill.) tiraboschi strains isolated from different ecotopes. <b>2006</b> , 75, 186-191		14
1438	<i>Pseudocyphellaria crocata</i> , <i>P. neglecta</i> and <i>P. perpetua</i> from the Northern and Southern Hemispheres are a phylogenetic species and share cyanobionts. <b>2006</b> , 170, 597-607		17
1437	Fungal deterioration of medieval wall fresco determined by analysing small fragments containing copper. <b>2006</b> , 57, 7-13		23
1436	Phylogeny of the ectomycorrhizal mushroom genus <i>Alnicola</i> (Basidiomycota, Cortinariaceae) based on rDNA sequences with special emphasis on host specificity and morphological characters. <b>2006</b> , 38, 794-807		42
1435	Major clades of parmelioid lichens (Parmeliaceae, Ascomycota) and the evolution of their morphological and chemical diversity. <b>2006</b> , 39, 52-69		74
1434	Phylogenetic significance of morphological characters in the tropical <i>Hypotrachyna</i> clade of parmelioid lichens (Parmeliaceae, Ascomycota). <b>2006</b> , 40, 448-58		58
1433	First record of bridal creeper rust, <i>Puccinia myrsiphylli</i> , a classical biocontrol agent of the environmental weed bridal creeper, <i>Asparagus asparagoides</i> , in New Zealand. <b>2006</b> , 1, 23		0
1432	<i>Siphula</i> represents a remarkable case of morphological convergence in sterile lichens. <b>2006</b> , 38, 241-249		20
1431	Experimental studies on <i>Lecanora rupicola</i> (L.) Zahlbr.: chemical and microscopical investigations of the mycobiont and re-synthesis stages. <b>2006</b> , 38, 577-585		14
1430	Responses of soil bacterial and fungal communities to reciprocal transfers of soil between adjacent coniferous forest and meadow vegetation in the Cascade Mountains of Oregon. <b>2006</b> , 289, 35-45		28
1429	A Survey of Trunk Disease Pathogens within Rootstocks of Grapevines in Spain. <b>2006</b> , 115, 195-202		47
1428	Molecular characterization and evaluation of mycorrhizal capacity of <i>Suillus</i> isolates from central Spain for the selection of fungal inoculants. <b>2006</b> , 16, 465-474		12

1427	An evaluation of soil colonisation potential of selected fungi and their production of ligninolytic enzymes for use in soil bioremediation applications. <b>2006</b> , 90, 147-58	25
1426	Molecular characterization of a seed transmitted clavicipitaceous fungus occurring on dicotyledoneous plants (Convolvulaceae). <b>2006</b> , 224, 533-44	63
1425	Phylogenetic relationships on 14 morphologically similar species of <i>Pucciniastrum</i> in Japan based on rDNA sequence data. <b>2006</b> , 47, 137-144	8
1424	Deciphering species complexes: <i>Puccinia andropogonis</i> and <i>Puccinia coronata</i> , examples of differing modes of speciation. <b>2006</b> , 47, 130-136	28
1423	A new species of <i>Melampsora</i> on <i>Populus yunnanensis</i> from China. <b>2006</b> , 47, 198-204	5
1422	Development and seasonal variations of <i>Lophodermium</i> populations on <i>Pinus thunbergii</i> needle litter. <b>2006</b> , 47, 242-247	18
1421	Relationships between stand composition and ectomycorrhizal community structure in boreal mixed-wood forests. <b>2006</b> , 52, 114-26	55
1420	Genetic diversity of naturally established ectomycorrhizal fungi on Norway spruce seedlings under nursery conditions. <b>2006</b> , 52, 418-25	21
1419	An antibacterial hydroxy fusidic acid analogue from <i>Acremonium crotocinigenum</i> . <b>2006</b> , 67, 2110-4	11
1418	Studies on the rust <i>Prospodium tuberculatum</i> , a new classical biological control agent released against the invasive alien weed <i>Lantana camara</i> in Australia. 1. Life-cycle and infection parameters. <b>2006</b> , 35, 309	14
1417	Fungal diversity in soils and historic wood from the Ross Sea Region of Antarctica. <b>2006</b> , 38, 3057-3064	151
1416	Influence of repeated prescribed burning on the soil fungal community in an eastern Australian wet sclerophyll forest. <b>2006</b> , 38, 3492-3501	70
1415	Sequences, the environment and fungi. <b>2006</b> , 20, 62-74	52
1414	The effects of heat treatments on ectomycorrhizal resistant propagules and their ability to colonize bioassay seedlings. <b>2006</b> , 110, 196-202	61
1413	Detection of species within the <i>Xerocomus subtomentosus</i> complex in Europe using rDNA-ITS sequences. <b>2006</b> , 110, 276-87	24
1412	Molecular phylogeny of <i>Acarosporaceae</i> (Ascomycota) with focus on the proposed genus <i>Polysporinopsis</i> . <b>2006</b> , 110, 521-6	18
1411	<i>Gymnomyces xerophilus</i> sp. nov. (sequestrate <i>Russulaceae</i> ), an ectomycorrhizal associate of <i>Quercus</i> in California. <b>2006</b> , 110, 575-82	9
1410	Phylogenetic relationships of coprophilous <i>Pleosporales</i> (Dothideomycetes, Ascomycota), and the classification of some bitunicate taxa of unknown position. <b>2006</b> , 110, 527-36	60

1409	Ophiostoma arduennense sp. nov. (Ophiostomatales, Ascomycota) from Fagus sylvatica in southern Belgium. <b>2006</b> , 110, 801-10	17
1408	Diversity and community structure of ectomycorrhizal fungi in a wooded meadow. <b>2006</b> , 110, 734-48	125
1407	Molecular phylogeny of the genus Stereocaulon (Stereocaulaceae, lichenized ascomycetes). <b>2006</b> , 110, 1080-92	35
1406	A morphologically ill-founded powdery mildew species, Pleochaeta indica, is recognized as a phylogenetic species based on the analysis of the nuclear ribosomal DNA sequences. <b>2006</b> , 110, 1301-8	11
1405	Diverse tulasnelloid fungi form mycorrhizas with epiphytic orchids in an Andean cloud forest. <b>2006</b> , 110, 1257-70	113
1404	Species of colletotrichum on agavaceae. <b>2006</b> , 110, 1395-408	59
1403	Forest stand age and the occurrence of chanterelle (Cantharellus) species in Oregon's central Cascade Mountains. <b>2006</b> , 110, 1433-40	5
1402	Fruiting body-guided molecular identification of root-tip mantle mycelia provides strong indications of ectomycorrhizal associations in two species of Sistotrema (Basidiomycota). <b>2006</b> , 110, 1426-32	33
1401	Implications of molecular characters for the phylogeny of the Microbotryaceae (Basidiomycota: Urediniomycetes). <b>2006</b> , 6, 35	63
1400	Molecular identification of the primary root fungal endophytes of Dipodium hamiltonianum (Orchidaceae). <b>2006</b> , 54, 487	18
1399	Use of multiplex terminal restriction fragment length polymorphism for rapid and simultaneous analysis of different components of the soil microbial community. <b>2006</b> , 72, 7278-85	133
1398	Only a few fungal species dominate highly diverse mycofloras associated with the common reed. <b>2006</b> , 72, 1118-28	74
1397	Genea, Genabea and Gilkeya gen. nov.: ascomata and ectomycorrhiza formation in a Quercus woodland. <b>2006</b> , 98, 699-716	23
1396	Streams in Quebec boreal and mixed-wood forests reveal a new aquatic hyphomycete species, Dwayaangam colodena sp. nov. <b>2006</b> , 98, 628-36	10
1395	Three new Lasiodiplodia spp. from the tropics, recognized based on DNA sequence comparisons and morphology. <b>2006</b> , 98, 423-35	90
1394	Ophiostoma brevisculum sp. nov. (Ophiostomatales, Ascomycota) is a new species in the Ophiostoma piceae complex associated with bark beetles infesting larch in Japan. <b>2006</b> , 98, 801-14	21
1393	Outbreak of cutaneous Rhizopus arrhizus infection associated with karaya ostomy bags. <b>2006</b> , 43, e83-8	30
1392	Diversity and significance of mold species in Norwegian drinking water. <b>2006</b> , 72, 7586-93	125

1391	Spatial structure and richness of ectomycorrhizal fungi colonizing bioassay seedlings from resistant propagules in a Sierra Nevada forest: comparisons using two hosts that exhibit different seedling establishment patterns. <b>2006</b> , 98, 374-83	43
1390	High levels of genetic variation exist in <i>Aspergillus niger</i> populations infecting <i>Welwitschia mirabilis</i> hook. <b>2006</b> , 97, 270-8	13
1389	Real-time PCR quantification of <i>Colletotrichum coccodes</i> DNA in soils from bioherbicide field-release assays, with normalization for PCR inhibition. <b>2006</b> , 28, 42-51	10
1388	High diversity of fungi recovered from the roots of mature tanoak ( <i>Lithocarpus densiflorus</i> ) in northern California. <b>2006</b> , 84, 1380-1394	57
1387	<i>Monotropa uniflora</i> plants of eastern Massachusetts form mycorrhizae with a diversity of russulacean fungi. <b>2006</b> , 98, 535-40	14
1386	Comparison of taxonomic, colony morphotype and PCR-RFLP methods to characterize microfungal diversity. <b>2006</b> , 98, 384-92	8
1385	A new species of <i>Boletopsis</i> Associated with <i>Pinus sylvestris</i> L. in Scotland. <b>2006</b> , 58, 81-92	2
1384	Vegetation influence on ectomycorrhizal inoculum Available to sub-arctic willow ( <i>Salix lapponum</i> L.) planted in an upland Site. <b>2006</b> , 58, 19-34	4
1383	Discovery and Characterization of <i>Waitea circinata</i> var. <i>circinata</i> Affecting Annual Bluegrass from the Western United States. <b>2007</b> , 91, 791-797	24
1382	Mycorrhizal fungi of <i>Vanilla</i> : diversity, specificity and effects on seed germination and plant growth. <b>2007</b> , 99, 510-25	40
1381	New evidence corroborates population differentiation in <i>Xanthoria parietina</i> . <b>2007</b> , 39, 259-271	22
1380	Massalungiaceae fam. nov., an overlooked monophyletic group among the cyanobacterial lichens ( <i>Peltigerales</i> , <i>Lecanoromycetes</i> , <i>Ascomycota</i> ). <b>2007</b> , 39, 61-67	24
1379	Cohabitation of the pine wood nematode, <i>Bursaphelenchus xylophilus</i> , and fungal species in pine trees inoculated with <i>B. xylophilus</i> . <b>2007</b> , 9, 77-86	9
1378	Cryptic species and host specificity in the ectomycorrhizal genus <i>Strobilomyces</i> ( <i>Strobilomycetaceae</i> ). <b>2007</b> , 94, 1630-41	58
1377	<i>Ips pini</i> ( <i>Curculionidae</i> : <i>Scolytinae</i> ) is a vector of the fungal pathogen, <i>Sphaeropsis sapinea</i> ( <i>Coelomycetes</i> ), to Austrian pines, <i>Pinus nigra</i> ( <i>Pinaceae</i> ). <b>2007</b> , 36, 114-20	20
1376	Phylogenetic studies in <i>Hypochnicium</i> ( <i>Basidiomycota</i> ), with special emphasis on species from New Zealand. <b>2007</b> , 45, 139-150	16
1375	Black spruce ( <i>Picea mariana</i> ) foliage hosts numerous and potentially endemic fungal endophytes. <b>2007</b> , 37, 1737-1747	19
1374	The ectomycorrhizal status of <i>Calostoma cinnabarinum</i> determined using isotopic, molecular, and morphological methods. <b>2007</b> , 85, 385-393	12



1373	New species of <i>Mycosphaerella</i> from Myrtaceae in plantations and native forests in eastern Australia. <b>2007</b> , 99, 461-74	19
1372	Identification and detection of <i>Macrophomina phaseolina</i> by using species-specific oligonucleotide primers and probe. <b>2007</b> , 99, 797-803	31
1371	Botryosphaeriaceae as potential pathogens of prunus species in South Africa, with descriptions of <i>Diplodia africana</i> and <i>Lasiodiplodia plurivora</i> sp. nov. <b>2007</b> , 99, 664-80	84
1370	PCR-based strategy to detect and identify species of <i>Phaeoacremonium</i> causing grapevine diseases. <b>2007</b> , 73, 2911-8	33
1369	Worldwide phylogeny of <i>Lactarius</i> section <i>Deliciosi</i> inferred from ITS and glyceraldehyde-3-phosphate dehydrogenase gene sequences. <b>2007</b> , 99, 820-32	20
1368	<i>Lecidea rubrocastanea</i> , a new lichen species from conifer bark and wood in interior western North America (Lecanorales, lichenized ascomycetes). <b>2007</b> , 39, 339-347	11
1367	The new species <i>Lecanora bicinctoidea</i> , its position and considerations about phenotypic evolution in the <i>Lecanora rupicola</i> group. <b>2007</b> , 99, 50-8	4
1366	Plant community influences on soil microfungus assemblages in boreal mixed-wood forests. <b>2007</b> , 99, 356-67	23
1365	The Mushroom TWiG: A Marvelous Mycological Menagerie in the Mountains. <b>2007</b> , 6, 73-82	3
1364	Significant diversity and potential problems associated with inferring population structure within the <i>Cenococcum geophilum</i> species complex. <b>2007</b> , 99, 812-9	25
1363	<i>Caloplaca fuscorufa</i> misinterpreted species in northern Europe. <b>2007</b> , 39, 409-414	7
1362	Development of Nested Polymerase Chain Reaction Detection of <i>Mycosphaerella</i> spp. and Its Application to the Study of Leaf Disease in Eucalyptus Plantations. <b>2007</b> , 97, 132-44	30
1361	The new species <i>Lecanora bicinctoidea</i> , its position and considerations about phenotypic evolution in the <i>Lecanora rupicola</i> group. <b>2007</b> , 99, 50-58	10
1360	Diversity and phylogenetic affinities of foliar fungal endophytes in loblolly pine inferred by culturing and environmental PCR. <b>2007</b> , 99, 185-206	146
1359	Worldwide phylogeny of <i>Lactarius</i> section <i>Deliciosi</i> inferred from ITS and glyceraldehyde-3-phosphate dehydrogenase gene sequences. <b>2007</b> , 99, 820-832	28
1358	Mycorrhizal fungi of <i>Vanilla</i> : diversity, specificity and effects on seed germination and plant growth. <b>2007</b> , 99, 510-525	86
1357	Botryosphaeriaceae as potential pathogens of <i>Prunus</i> species in South Africa, with descriptions of <i>Diplodia africana</i> and <i>Lasiodiplodia plurivora</i> sp. nov.. <b>2007</b> , 99, 664-680	118
1356	Identification and detection of <i>Macrophomina phaseolina</i> by using species-specific oligonucleotide primers and probe. <b>2007</b> , 99, 797-803	59

1355	Significant diversity and potential problems associated with inferring population structure within the <i>Cenococcum geophilum</i> species complex. <b>2007</b> , 99, 812-819	34
1354	New species of <i>Mycosphaerella</i> from Myrtaceae in plantations and native forests in eastern Australia. <b>2007</b> , 99, 461-474	15
1353	Plant community influences on soil microfungus assemblages in boreal mixed-wood forests. <b>2007</b> , 99, 356-367	34
1352	Identification of <i>Fusarium solani</i> f. sp. <i>cucurbitae</i> Race 1 and Race 2 with PCR and Production of Disease-Free Pumpkin Seeds. <b>2007</b> , 91, 1288-1292	25
1351	Species-Specific Primers for <i>Eutypella parasitica</i> , the Causal Agent of <i>Eutypella</i> Canker of Maple. <b>2007</b> , 91, 1579-1584	13
1350	Macroarray Detection of Solanaceous Plant Pathogens in the <i>Fusarium solani</i> Species Complex. <b>2007</b> , 91, 1612-1620	33
1349	Detection of <i>Eutypa lata</i> and <i>Eutypella vitis</i> in Grapevine by Nested Multiplex Polymerase Chain Reaction. <b>2007</b> , 97, 737-47	21
1348	Genetic Characterization of Binucleate <i>Rhizoctonia</i> Species Causing Web Blight on Azalea in Mississippi and Alabama. <b>2007</b> , 91, 616-623	27
1347	Assessing populations of a disease suppressive microorganism and a plant pathogen using DNA arrays. <b>2007</b> , 172, 505-514	4
1346	Identifying microorganisms involved in specific pathogen suppression in soil. <b>2007</b> , 45, 153-72	93
1345	A comparison of the physiology, anatomy and ribosomal DNA in alpine and subalpine populations of the lichen <i>Nephroma arcticum</i> —the effects of an eight-year transplant experiment. <b>2007</b> , 110, 244-253	5
1344	Influence of grass species and soil type on rhizosphere microbial community structure in grassland soils. <b>2007</b> , 36, 147-155	203
1343	Introduction or stimulation? The association of <i>Stropharia aurantiaca</i> with bark and wood-chip mulches. <b>2007</b> , 43, 101-108	4
1342	Biomechanics of conidial dispersal in the toxic mold <i>Stachybotrys chartarum</i> . <b>2007</b> , 44, 641-7	14
1341	Short-term effect of removing tree competition on the ectomycorrhizal status of a declining pedunculate oak forest ( <i>Quercus robur</i> L.). <b>2007</b> , 244, 129-140	30
1340	High diversity of ectomycorrhizal fungi associated with <i>Arctostaphylos uva-ursi</i> in subalpine and alpine zones: Potential inoculum for afforestation. <b>2007</b> , 250, 167-175	32
1339	Detection of active soil fungi by RT-PCR amplification of precursor rRNA molecules. <b>2007</b> , 68, 248-53	97
1338	Use of the ITS primers, ITS1F and ITS4, to characterize fungal abundance and diversity in mixed-template samples by qPCR and length heterogeneity analysis. <b>2007</b> , 71, 7-14	164

1337	Quantitative detection of <i>Lactarius deliciosus</i> extraradical soil mycelium by real-time PCR and its application in the study of fungal persistence and interspecific competition. <b>2007</b> , 128, 14-23	50
1336	Australasian species of <i>Macowanites</i> are sequestrate species of <i>Russula</i> (Russulaceae, Basidiomycota). <b>2007</b> , 20, 355	48
1335	Phylogenetic and morphological analysis of Antarctic lichen-forming <i>Usnea</i> species in the group <i>Neuropogon</i> . <b>2007</b> , 19, 71-82	40
1334	Chemistry and ectomycorrhizal communities of coarse wood in young and old-growth forests in the Cascade Range of Oregon. <b>2007</b> , 37, 2041-2051	10
1333	Spatial effects of retention trees on mycorrhizas and biomass of Douglas-fir seedlings. <b>2007</b> , 37, 430-438	10
1332	Molecular detection of fungi carried by <i>Bradysia difformis</i> (Sciaridae: Diptera) in South African forestry nurseries. <b>2007</b> , 69, 103-109	9
1331	Diversity and phylogenetic affinities of foliar fungal endophytes in loblolly pine inferred by culturing and environmental PCR. <b>2007</b> , 99, 185-206	293
1330	<i>Hypocreopsis ampletens</i> sp. nov., a rare fungus from New Zealand and Australia. <b>2007</b> , 45, 715-719	2
1329	Identification of internal transcribed spacer sequence motifs in truffles: a first step toward their DNA bar coding. <b>2007</b> , 73, 5320-30	23
1328	Development of the human infant intestinal microbiota. <b>2007</b> , 5, e177	1931
1327	<i>Ophiostoma</i> species (Ascomycetes: Ophiostomatales) associated with bark beetles (Coleoptera: Scolytinae) colonizing <i>Pinus radiata</i> in northern Spain. <b>2007</b> , 53, 756-67	58
1326	Antimalarial benzoquinones from an endophytic fungus, <i>Xylaria</i> sp. <b>2007</b> , 70, 1620-3	67
1325	Introduction to Molecular Analysis of Ectomycorrhizal Communities. <b>2007</b> , 71, 601-610	12
1324	Characterization of primary biogenic aerosol particles in urban, rural, and high-alpine air by DNA sequence and restriction fragment analysis of ribosomal RNA genes. <b>2007</b> , 4, 1127-1141	133
1323	Taxonomic study on the lichen genus <i>Cetrelia</i> (Lecanorales, Ascomycota) in South Korea. <b>2007</b> , 35, 117-23	5
1322	Phylogenetic relationships, host affinity, and geographic structure of boreal and arctic endophytes from three major plant lineages. <b>2007</b> , 42, 543-55	241
1321	Contributions of <i>rpb2</i> and <i>tef1</i> to the phylogeny of mushrooms and allies (Basidiomycota, Fungi). <b>2007</b> , 43, 430-51	264
1320	Molecular phylogenetics and delimitation of species in <i>Cortinarius</i> section <i>Calochroi</i> (Basidiomycota, Agaricales) in Europe. <b>2007</b> , 44, 217-27	70

1319	Testing morphology-based hypotheses of phylogenetic relationships in Parmeliaceae (Ascomycota) using three ribosomal markers and the nuclear RPB1 gene. <b>2007</b> , 44, 812-24	112
1318	Better the devil you know? Guidelines for insightful utilization of nrDNA ITS in species-level evolutionary studies in plants. <b>2007</b> , 44, 911-9	390
1317	Microfungi potentially disfiguring CCA-treated wood. <b>2007</b> , 60, 197-201	16
1316	Host effects on ectomycorrhizal fungal communities: insight from eight host species in mixed conifer-broadleaf forests. <b>2007</b> , 174, 430-440	357
1315	Fungal communities from methane hydrate-bearing deep-sea marine sediments in South China Sea. <b>2007</b> , 1, 756-62	147
1314	Application of statistical experimental design to optimize culture requirements of <i>Aspergillus</i> sp. Zh-26 producing xylanase for degradation of arabinoxylans in mashing. <b>2007</b> , 72, E320-9	13
1313	<i>Parmelina quercina</i> (Parmeliaceae, Lecanorales) includes four phylogenetically supported morphospecies. <b>2007</b> , 91, 455-467	74
1312	Phylogeographic patterns of <i>Armillariaostoyae</i> in the western United States. <b>2007</b> , 37, 192-216	29
1311	Anatomical and histochemical defence responses induced in juvenile leaves of <i>Eucalyptus globulus</i> and <i>Eucalyptus nitens</i> by <i>Mycosphaerella</i> infection. <b>2007</b> , 37, 361-373	41
1310	Genetic diversity of <i>Lophodermium piceae</i> in South Finland. <b>2007</b> , 37, 329-337	11
1309	Specific hybridization real-time PCR probes for <i>Phytophthora ramorum</i> detection and diagnosis. <b>2007</b> , 37, 403-408	8
1308	Occurrence and decay patterns of common wood-decay fungi in hazardous trees felled in the Helsinki City. <b>2007</b> , 37, 420-432	26
1307	Pathogenicity Confirmation of <i>Ganoderma</i> Disease of Coconut Using Early Diagnosis Technique. <b>2007</b> , 155, 296-304	1
1306	A strong species-area relationship for eukaryotic soil microbes: island size matters for ectomycorrhizal fungi. <b>2007</b> , 10, 470-80	281
1305	Soil fungal communities in a <i>Castanea sativa</i> (chestnut) forest producing large quantities of <i>Boletus edulis sensu lato</i> (porcini): where is the mycelium of porcini?. <b>2007</b> , 9, 880-9	38
1304	A robust identification and detection assay to discriminate the cucumber pathogens <i>Fusarium oxysporum</i> f. sp. <i>cucumerinum</i> and f. sp. <i>radicis-cucumerinum</i> . <b>2007</b> , 9, 2145-61	88
1303	Sewage and community shower drains are environmental reservoirs of <i>Fusarium solani</i> species complex group 1, a human and plant pathogen. <b>2008</b> , 10, 219-27	16
1302	Host islands within the California Northern Channel Islands create fine-scale genetic structure in two sympatric species of the symbiotic ectomycorrhizal fungus <i>Rhizopogon</i> . <i>Molecular Ecology</i> , <b>2007</b> , 16, 1811-22	5-7 55

1301	Population genetics of the wood-decay fungus <i>Phlebia centrifuga</i> P. Karst. in fragmented and continuous habitats. <i>Molecular Ecology</i> , <b>2007</b> , 16, 3326-33	5-7	27
1300	Diversity of fungi in hair roots of Ericaceae varies along a vegetation gradient. <i>Molecular Ecology</i> , <b>2007</b> , 16, 4624-36	5-7	71
1299	A multiplex PCR-based method for the detection and early identification of wood rotting fungi in standing trees. <b>2007</b> , 103, 1490-507		68
1298	Antagonistic effects of the endophytic fungus <i>Meira geulakonigii</i> on the citrus rust mite <i>Phyllocoptruta oleivora</i> . <b>2007</b> , 103, 2570-9		25
1297	Does ectomycorrhizal fungal community structure vary along a Japanese black pine ( <i>Pinus thunbergii</i> ) to black locust ( <i>Robinia pseudoacacia</i> ) gradient?. <b>2007</b> , 173, 322-34		57
1296	Spatial separation of litter decomposition and mycorrhizal nitrogen uptake in a boreal forest. <b>2007</b> , 173, 611-620		658
1295	Interactions between extraradical ectomycorrhizal mycelia, microbes associated with the mycelia and growth rate of Norway spruce ( <i>Picea abies</i> ) clones. <b>2007</b> , 173, 798-807		55
1294	On temporal partitioning of a community of ectomycorrhizal fungi. <b>2007</b> , 174, 420-429		109
1293	Ectomycorrhizal community structure in a xeric <i>Quercus</i> woodland based on rDNA sequence analysis of sporocarps and pooled roots. <b>2007</b> , 174, 847-863		159
1292	Wide geographical and ecological distribution of nitrogen and carbon gains from fungi in pyrolroids and monotropoids (Ericaceae) and in orchids. <b>2007</b> , 175, 166-175		128
1291	Biomass and compositional responses of ectomycorrhizal fungal hyphae to elevated CO <sub>2</sub> and nitrogen fertilization. <b>2007</b> , 176, 164-174		122
1290	Widespread association between the ericoid mycorrhizal fungus <i>Rhizoscyphus ericae</i> and a leafy liverwort in the maritime and sub-Antarctic. <b>2007</b> , 176, 460-471		62
1289	The evolutionary history of mycorrhizal specificity among lady's slipper orchids. <b>2007</b> , 61, 1380-90		115
1288	The effects of stubble retention and nitrogen application on soil microbial community structure and functional gene abundance under irrigated maize. <b>2007</b> , 59, 661-70		104
1287	High-throughput culturing of fungi from plant litter by a dilution-to-extinction technique. <b>2007</b> , 60, 521-33		90
1286	Altering the mineral composition of soil causes a shift in microbial community structure. <b>2007</b> , 61, 414-23		76
1285	Multiple gene genealogies reveal important relationships between species of <i>Phaeophleospora</i> infecting <i>Eucalyptus</i> leaves. <b>2007</b> , 268, 22-33		27
1284	Characterisation of endobacterial communities in ectomycorrhizas by DNA- and RNA-based molecular methods. <b>2007</b> , 39, 891-899		24

1283	Nitrogen fertilization reduces diversity and alters community structure of active fungi in boreal ecosystems. <b>2007</b> , 39, 1878-1887	199
1282	Prolonged compost curing reduces suppression of <i>Sclerotium rolfsii</i> . <b>2007</b> , 39, 1936-1946	35
1281	Soil niche effect on species diversity and catabolic activities in an ectomycorrhizal fungal community. <b>2007</b> , 39, 1947-1955	138
1280	Long-term exposure to Zn-spiked sewage sludge alters soil community structure. <b>2007</b> , 39, 2576-2586	31
1279	Production of lignocellulose-degrading enzymes and degradation of leaf litter by saprotrophic basidiomycetes isolated from a <i>Quercus petraea</i> forest. <b>2007</b> , 39, 2651-2660	134
1278	RNA- and DNA-based profiling of soil fungal communities in a native Australian eucalypt forest and adjacent <i>Pinus elliotti</i> plantation. <b>2007</b> , 39, 3108-3114	39
1277	Characterization of aerobic bacterial and fungal microbiota on surfaces of historic Scottish monuments. <b>2007</b> , 30, 494-508	58
1276	Molecular phylogeny of <i>Hyphoderma</i> and the reinstatement of <i>Peniophorella</i> . <b>2007</b> , 111, 186-95	27
1275	Phylogenetic relationships of <i>Auriculoscypha</i> based on ultrastructural and molecular studies. <b>2007</b> , 111, 268-74	11
1274	Molecular study of the genus <i>Astraeus</i> . <b>2007</b> , 111, 275-86	26
1273	Spatial and temporal patterns of morel fruiting. <b>2007</b> , 111, 339-46	15
1272	Molecular diversity of soil basidiomycete communities in northern-central New South Wales, Australia. <b>2007</b> , 111, 370-8	16
1271	Basidiomycete fungal communities in Australian sclerophyll forest soil are altered by repeated prescribed burning. <b>2007</b> , 111, 482-6	32
1270	Molecular phylogeny of the genus <i>Lecania</i> (Ramalinaceae, lichenized Ascomycota). <b>2007</b> , 111, 581-91	28
1269	Inoculation of coffee plants with the fungal entomopathogen <i>Beauveria bassiana</i> (Ascomycota: Hypocreales). <b>2007</b> , 111, 748-57	152
1268	Molecular characterization of strawberry pathogen <i>Gnomonia fragariae</i> and its genetic relatedness to other <i>Gnomonia</i> species and members of Diaporthales. <b>2007</b> , 111, 603-14	12
1267	The phylogenetic placement of the Leucogastrales, including <i>Mycolevis siccigleba</i> (Cribbeaceae), in the Albatrellaceae using morphological and molecular data. <b>2007</b> , 111, 653-62	12
1266	Molecular and morphological discrimination of stipitate hydroids in the genera <i>Hydnellum</i> and <i>Phellodon</i> . <b>2007</b> , 111, 761-77	18

1265	Revision of some Thecaphora species (Ustilaginomycotina) on Caryophyllaceae. <b>2007</b> , 111, 1207-19	23
1264	Phylogenetic reassessment supports accommodation of Phaeophleospora and Colletogloeopsis from eucalypts in Kirramyces. <b>2007</b> , 111, 1184-98	38
1263	Phylogenetic studies in the Candelariaceae (lichenized Ascomycota) based on nuclear ITS DNA sequence data. <b>2007</b> , 111, 1277-84	15
1262	Upper cortex anatomy corroborates phylogenetic hypothesis in species of Physconia (Ascomycota, Lecanoromycetes). <b>2007</b> , 111, 1311-20	19
1261	Isolation and characterization of some mycelia inhabiting Tuber ascomata. <b>2007</b> , 111, 1450-60	53
1260	Species delimitation and phylogenetic relationships in Lactarius section Deliciosi in Europe. <b>2007</b> , 111, 1285-97	20
1259	Molecular phylogenetic studies show Omphalina giovanellae represents a new section of Clitopilus (Agaricomycetes). <b>2007</b> , 111, 1399-405	11
1258	The Peniophorella praetermissa species complex (Basidiomycota). <b>2007</b> , 111, 1366-76	24
1257	Aspergillus oryzae peritonitis in CAPD: case report and review of the literature. <b>2007</b> , 49, 701-4	17
1256	Changes in the community of ectomycorrhizal fungi and increased fine root number under adult beech trees chronically fumigated with double ambient ozone concentration. <b>2007</b> , 9, 279-87	50
1255	Diversity of Botryosphaeria species on horticultural plants in Victoria and New South Wales. <b>2007</b> , 36, 157	26
1254	Thraustochytrids as novel parasitic protists of marine free-living flatworms: Thraustochytrium caudivorum sp. nov. parasitizes Macrostomum lignano. <b>2007</b> , 152, 1095-1104	31
1253	Evolution of Pleopsidium (lichenized Ascomycota) S943 group I introns and the phylogeography of an intron-encoded putative homing endonuclease. <b>2007</b> , 64, 285-98	9
1252	Patterns of group I intron presence in nuclear SSU rDNA of the Lichen family Parmeliaceae. <b>2007</b> , 64, 181-95	30
1251	Soil fungal communities underneath willow canopies on a primary successional glacier forefront: rDNA sequence results can be affected by primer selection and chimeric data. <b>2007</b> , 53, 233-46	49
1250	Changes in fungal community composition in response to vegetational succession during the natural regeneration of cutover peatlands. <b>2007</b> , 54, 508-22	60
1249	Fungal diversity, dominance, and community structure in the rhizosphere of clonal Picea mariana plants throughout nursery production chronosequences. <b>2007</b> , 54, 672-84	29
1248	Isolation of diverse viable fungi from the larvae of the introduced chironomid Eretmoptera murphyi on Signy Island. <b>2007</b> , 30, 935-937	16

- 1247 Using the putative asexual fungus *Cenococcum geophilum* as a model to test how species concepts influence recombination analyses using sequence data from multiple loci. **2007**, 52, 191-201 27
- 1246 Ectomycorrhizal Fungi and Associated Bacteria Provide Protection Against Heavy Metals in Inoculated Pine (*Pinus Sylvestris* L.) Seedlings. **2007**, 182, 83-90 43
- 1245 Production of xylanase from a newly isolated *Penicillium* sp. ZH-30. **2007**, 23, 837-843 14
- 1244 A method for assessing arbuscular mycorrhizal fungi group distribution in tree roots by intergenic transcribed sequence variation. **2007**, 290, 259-268 8
- 1243 Effect of long-term nitrogen fertilization on mycorrhizal fungi associated with a dominant grass in a semiarid grassland. **2007**, 296, 65-75 86
- 1242 Types of ectomycorrhiza as pollution stress indicators: case studies in Slovenia. **2007**, 128, 31-45 15
- 1241 Types of ectomycorrhiza of mature beech and spruce at ozone-fumigated and control forest plots. **2007**, 128, 47-59 32
- 1240 *Pterostylis nutans* (Orchidaceae) has a specific association with two *Ceratobasidium* root-associated fungi across its range in eastern Australia. **2007**, 48, 231-239 40
- 1239 Note on *Cordyceps brongniartii* Shimazu collected from the wild in Japan. **2007**, 48, 312-315 5
- 1238 Discrimination of *Tricholoma* species by species-specific ITS primers. **2007**, 48, 316-320 9
- 1237 Gummy stem blight of balsam pear caused by *Didymella bryoniae* and its anamorph *Phoma cucurbitacearum*. **2007**, 73, 125-128 2
- 1236 Mycorrhizal associations in woody plant species at the Mt. Usu volcano, Japan. **2007**, 17, 209-215 30
- 1235 Morphological and molecular evidence supporting an arbutoid mycorrhizal relationship in the Costa Rican páramo. **2007**, 17, 217-222 12
- 1234 Ectomycorrhiza communities of red oak (*Quercus rubra* L.) of different age in the Lusatian lignite mining district, East Germany. **2007**, 17, 279-290 57
- 1233 Genetic diversity of ectomycorrhizal Basidiomycetes from African and Indian tropical rain forests. **2007**, 17, 415-428 53
- 1232 Water transfer via ectomycorrhizal fungal hyphae to conifer seedlings. **2007**, 17, 439-447 69
- 1231 Species richness and community composition of mat-forming ectomycorrhizal fungi in old- and second-growth Douglas-fir forests of the HJ Andrews Experimental Forest, Oregon, USA. **2007**, 17, 633-645 37
- 1230 Intra-specific and intra-sporocarp ITS variation of ectomycorrhizal fungi as assessed by rDNA sequencing of sporocarps and pooled ectomycorrhizal roots from a *Quercus* woodland. **2007**, 18, 15-22 97



1229	Inoculation of <i>Pinus halepensis</i> Mill. with selected ectomycorrhizal fungi improves seedling establishment 2 years after planting in a degraded gypsum soil. <b>2007</b> , 18, 23-32	50
1228	Living on the edge: Ecology of an incipient <i>Betula</i> -fungal community growing on brick walls. <b>2007</b> , 21, 239-247	5
1227	Identification of host plants and description of sclerotia of the truffle <i>Mattirolomyces terfezioides</i> . <b>2007</b> , 6, 19-26	15
1226	<i>Tomentella furcata</i> , a new species from Benin (West Africa) with basidia forming internal hyphae. <b>2007</b> , 6, 239-247	12
1225	Alterations in secondary metabolism of aposymbiotically grown mycobionts of <i>Xanthoria elegans</i> and cultured resynthesis stages. <b>2007</b> , 45, 146-51	58
1224	In situ collection of endangered arbuscular mycorrhizal fungi in a Mediterranean UNESCO Biosphere Reserve. <b>2008</b> , 17, 643-657	16
1223	Comparison of the bacterial communities established on the mycorrhizae formed on <i>Pinus thunbergii</i> root tips by eight species of fungi. <b>2008</b> , 304, 267-275	33
1222	First isolation of the anamorphic basidiomycetous yeast <i>Trichosporon faecale</i> in Germany, from the skin of a patient with tinea pedis. <b>2008</b> , 165, 149-53	9
1221	Introduction of asymbiotically propagated seedlings of <i>Cephalanthera falcata</i> (Orchidaceae) into natural habitat and investigation of colonized mycorrhizal fungi. <b>2008</b> , 23, 329-337	30
1220	<i>Monotropastrum humile</i> var. <i>humile</i> is associated with diverse ectomycorrhizal Russulaceae fungi in Japanese forests. <b>2008</b> , 23, 983-993	7
1219	Production and bioactivity of common lichen metabolites as exemplified by <i>Heterodea muelleri</i> (Hampe) Nyl. <b>2008</b> , 34, 113-20	33
1218	Contribution of symbiotic mycangial fungi to larval nutrition of a leaf-rolling weevil. <b>2008</b> , 22, 711-722	28
1217	Detection of soil fungal communities in an alpine primary successional habitat: Does pooling of DNA extracts affect investigations?. <b>2008</b> , 58, 585-595	8
1216	Decomposition and fungi of needle litter from slow- and fast-growing Norway spruce ( <i>Picea abies</i> ) clones. <b>2008</b> , 56, 76-89	88
1215	Population evidence of cryptic species and geographical structure in the cosmopolitan ectomycorrhizal fungus, <i>Tricholoma scalpturatum</i> . <b>2008</b> , 56, 513-24	48
1214	Moths that vector a plant pathogen also transport endophytic fungi and mycoparasitic antagonists. <b>2008</b> , 56, 742-50	24
1213	A biomarker for the identification of four <i>Phaeoacremonium</i> species using the beta-tubulin gene as the target sequence. <b>2008</b> , 80, 1131-40	35
1212	Development of molecular markers of ectomycorrhizal fungi based on ITS region. <b>2008</b> , 57, 23-6	4

1211	Does the preferential microbial colonisation of ferromagnesian minerals affect mineral weathering in soil?. <b>2008</b> , 95, 851-8	19
1210	Molecular phylogenetic analysis shows that <i>Amanita ponderosa</i> and <i>A. curtipes</i> are distinct species. <b>2008</b> , 7, 41-47	15
1209	Members of Sebaciniales subgroup B form mycorrhizae with epiphytic orchids in a neotropical mountain rain forest. <b>2008</b> , 7, 75-85	52
1208	Yeast biodiversity in the guts of several pests on maize; comparison of three methods: classical isolation, cloning and DGGE. <b>2008</b> , 7, 111-123	24
1207	Genetic diversity and photobiont associations in selected taxa of the <i>Tephromela atra</i> group (Lecanorales, lichenised Ascomycota). <b>2008</b> , 7, 147-160	56
1206	<i>Sistotrema</i> is a genus with ectomycorrhizal species [confirmation of what sequence studies already suggested]. <b>2008</b> , 7, 169-176	23
1205	Two new species in <i>Cortinarius</i> subgenus <i>Telamonia</i> , <i>Cortinarius brunneifolius</i> and <i>C. leiocastaneus</i> , from Fennoscandia (Basidiomycota, Agaricales). <b>2008</b> , 7, 239-247	6
1204	A New, Commercially Valuable Chanterelle Species, <i>Cantharellus californicus</i> sp. nov., Associated with Live Oak in California, USA. <b>2008</b> , 62, 376-391	25
1203	Anatomical characterization of decayed wood in standing light red meranti and identification of the fungi isolated from the decayed area. <b>2008</b> , 54, 233-241	9
1202	<i>Ceratobasidiaceae</i> mycorrhizal fungi isolated from nonphotosynthetic orchid <i>Chamaegastrodia sikokiana</i> . <b>2008</b> , 18, 97-101	33
1201	Seasonal dynamics of ectomycorrhizal fungus assemblages on oak seedlings in the southeastern Appalachian Mountains. <b>2008</b> , 18, 123-32	43
1200	Morphological and molecular characterization of <i>Humaria</i> and <i>Genea</i> ectomycorrhizae from Hungarian deciduous forests. <b>2008</b> , 18, 133-43	11
1199	Mycobionts of <i>Salix herbacea</i> on a glacier forefront in the Austrian Alps. <b>2008</b> , 18, 171-180	44
1198	Mycorrhizal status and diversity of fungal endophytes in roots of common buckwheat ( <i>Fagopyrum esculentum</i> ) and tartary buckwheat ( <i>F. tataricum</i> ). <b>2008</b> , 18, 309-15	21
1197	Neighboring trees affect ectomycorrhizal fungal community composition in a woodland-forest ecotone. <b>2008</b> , 18, 363-74	34
1196	Multiple species of ectomycorrhizal fungi are frequently detected on individual oak root tips in a tropical cloud forest. <b>2008</b> , 18, 375-383	52
1195	<i>Epipactis helleborine</i> shows strong mycorrhizal preference towards ectomycorrhizal fungi with contrasting geographic distributions in Japan. <b>2008</b> , 18, 331-8	50
1194	Ectomycorrhiza of <i>Kobresia myosuroides</i> at a primary successional glacier forefront. <b>2008</b> , 18, 355-62	31

1193	Mycorrhizal morphotyping and molecular characterization of <i>Chondrogaster angustisporus</i> Giachini, Castellano, Trappe & Oliveira, an ectomycorrhizal fungus from <i>Eucalyptus</i> . <b>2008</b> , 18, 437-442	8
1192	Mycorrhizal synthesis between <i>Boletus edulis</i> species complex and rockroses ( <i>Cistus</i> sp.). <b>2008</b> , 18, 443-449	40
1191	Ectomycorrhizal characterization of an American chestnut ( <i>Castanea dentata</i> )-dominated community in Western Wisconsin. <b>2008</b> , 19, 27-36	52
1190	Phylogeny and taxonomy of the Asian grapevine leaf rust fungus, <i>Phakopsora euvitis</i> , and its allies (Uredinales). <b>2008</b> , 49, 66-74	29
1189	Dynamics of fruit-body production and mycorrhiza formation of ectomycorrhizal ammonia fungi in warm temperate forests in Japan. <b>2008</b> , 49, 42-55	13
1188	Morphological and molecular characterization of <i>Pisolithus</i> occurring in Hokkaido Island, Northern Japan. <b>2008</b> , 49, 334-338	1
1187	Isolation and identification of mycorrhizal fungi associated with <i>Stigmatodactylus sikokianus</i> (Maxim. ex Makino) Rauschert (Orchidaceae). <b>2008</b> , 49, 388-391	6
1186	Identification of <i>Cylindrocladium</i> sp. causing damping-off disease of Japanese black pine ( <i>Pinus thunbergii</i> ) and factors affecting the disease severity in a black locust ( <i>Robinia pseudoacacia</i> )-dominated area. <b>2008</b> , 13, 233-240	9
1185	Schwarze Wurzelfäule bei Blauen Lupinen [Frühzeitige und spezifische Detektion des Erregers <i>Thielaviopsis basicola</i> . <b>2008</b> , 60, 67-75	2
1184	Potentially pathogenic and biocontrol Ascomycota associated with green wall structures of basket willow ( <i>Salix viminalis</i> L.) revealed by phenotypic characters and ITS phylogeny. <b>2008</b> , 53, 413-426	7
1183	Defoliation causes parallel temporal responses in a host tree and its fungal symbionts. <b>2008</b> , 156, 117-23	46
1182	The invasive species <i>Alliaria petiolata</i> (garlic mustard) increases soil nutrient availability in northern hardwood-conifer forests. <b>2008</b> , 157, 459-71	86
1181	Tyrosinase and peroxidase production by <i>Rhizopus oryzae</i> strain ENHE obtained from pentachlorophenol-contaminated soil. <b>2008</b> , 83, 1394-1400	15
1180	A-seco-oleane-type triterpenes from <i>Phomopsis</i> sp. (strain HKI0458) isolated from the mangrove plant <i>Hibiscus tiliaceus</i> . <b>2008</b> , 69, 511-7	34
1179	The mushroom family Psathyrellaceae: evidence for large-scale polyphyly of the genus <i>Psathyrella</i> . <b>2008</b> , 46, 415-29	43
1178	Changes in nitrogen level and mycorrhizal structure of Scots pine seedlings inoculated with <i>Thelephora terrestris</i> . <b>2008</b> , 65, 409-409	9
1177	Saprotrophic versus symbiotic strategy during truffle ascocarp development under holm oak. A response based on <sup>13</sup> C and <sup>15</sup> N natural abundance. <b>2008</b> , 65, 607-607	23
1176	Pathogens on wild radish, <i>Raphanus raphanistrum</i> (Brassicaceae), in south-western Australia [implications for biological control. <b>2008</b> , 37, 523	4

1175	A PCR-based method for the identification of important wood rotting fungal taxa within <i>Ganoderma</i> , <i>Inonotus</i> s.l. and <i>Phellinus</i> s.l. <b>2008</b> , 282, 228-37	31
1174	Mycelial abundance and other factors related to truffle productivity in <i>Tuber melanosporum</i> - <i>Quercus ilex</i> orchards. <b>2008</b> , 285, 72-8	57
1173	Planktonic bacteria and fungi are selectively eliminated by exposure to marine macroalgae in close proximity. <b>2008</b> , 63, 283-91	35
1172	Degradation of N-acyl homoserine lactone quorum sensing signal molecules by forest root-associated fungi. <b>2008</b> , 65, 271-8	88
1171	Interactions among fungal community structure, litter decomposition and depth of water table in a cutover peatland. <b>2008</b> , 64, 433-48	36
1170	Summer drought decreases soil fungal diversity and associated phenol oxidase activity in upland <i>Calluna</i> heathland soil. <b>2008</b> , 66, 426-36	75
1169	Selection of bacterial populations in the mycosphere of <i>Laccaria proxima</i> : is type III secretion involved?. <b>2008</b> , 2, 887-900	97
1168	Dissociation and horizontal transmission of codispersing lichen symbionts in the genus <i>Lepraria</i> (Lecanorales: Stereocaulaceae). <b>2008</b> , 177, 264-275	96
1167	Internal transcribed spacer primers and sequences for improved characterization of basidiomycetous orchid mycorrhizas. <b>2008</b> , 177, 1020-1033	202
1166	Contrasting ectomycorrhizal fungal communities on the roots of co-occurring oaks ( <i>Quercus</i> spp.) in a California woodland. <b>2008</b> , 178, 167-176	139
1165	Effects of host plant environment and <i>Ustilago maydis</i> infection on the fungal endophyte community of maize ( <i>Zea mays</i> ). <b>2008</b> , 178, 147-156	74
1164	The ectomycorrhizal specialist orchid <i>Corallorhiza trifida</i> is a partial myco-heterotroph. <b>2008</b> , 178, 395-400	73
1163	Hydraulic redistribution of water from <i>Pinus ponderosa</i> trees to seedlings: evidence for an ectomycorrhizal pathway. <b>2008</b> , 178, 382-394	97
1162	Is the Perigord black truffle threatened by an invasive species? We dreaded it and it has happened!. <b>2008</b> , 178, 699-702	56
1161	Plastid-derived strigolactones show the way to roots for symbionts and parasites. <b>2008</b> , 178, 695-698	16
1160	Are plants precursors for methane?. <b>2008</b> , 178, 693-695	16
1159	Responses of aerobic microbial communities and soil respiration to water-level drawdown in a northern boreal fen. <b>2008</b> , 10, 339-53	89
1158	Microbial activity and soil respiration under nitrogen addition in Alaskan boreal forest. <b>2008</b> , 14, 1156-1168	260

1157	Genetic structure of an expanding <i>Armillaria</i> root rot fungus ( <i>Armillaria ostoyae</i> ) population in a managed pine forest in southwestern France. <i>Molecular Ecology</i> , <b>2008</b> , 17, 3366-78	5-7	35
1156	Multigene analysis suggests ecological speciation in the fungal pathogen <i>Claviceps purpurea</i> . <i>Molecular Ecology</i> , <b>2008</b> , 17, 2276-86	5-7	37
1155	Fungal specificity bottlenecks during orchid germination and development. <i>Molecular Ecology</i> , <b>2008</b> , 17, 3707-16	5-7	158
1154	Improvement of astaxanthin production by a newly isolated <i>Phaffia rhodozyma</i> mutant with low-energy ion beam implantation. <b>2008</b> , 104, 861-72		51
1153	Identification of white-rot and soft-rot fungi increasing ethanol production from spent sulfite liquor in co-culture with <i>Saccharomyces cerevisiae</i> . <b>2008</b> , 105, 134-40		8
1152	Effect of inoculation with putative plant growth-promoting rhizobacteria isolated from <i>Pinus</i> spp. on <i>Pinus pinea</i> growth, mycorrhization and rhizosphere microbial communities. <b>2008</b> , 105, 1298-309		39
1151	Molecular diagnosis of <i>Puccinia psidii</i> (guava rust) a quarantine threat to Australian eucalypt and Myrtaceae biodiversity. <b>2008</b> , 57, 687-701		36
1150	Present knowledge of the bacterial microflora in the extreme environment of sugar thick juice. <b>2008</b> , 25, 831-6		19
1149	Enrichment and diversity of plant-probiotic microorganisms in the rhizosphere of hybrid maize during four growth cycles. <b>2008</b> , 40, 106-115		35
1148	Decomposer Basidiomycota in Arctic and Antarctic ecosystems. <b>2008</b> , 40, 11-29		47
1147	Non-parametric multivariate comparisons of soil fungal composition: Sensitivity to thresholds and indications of structural redundancy in T-RFLP data. <b>2008</b> , 40, 1601-1611		20
1146	DNA- and RNA-derived assessments of fungal community composition in soil amended with sewage sludge rich in cadmium, copper and zinc. <b>2008</b> , 40, 2358-2365		43
1145	<i>Lactobacillus uvarum</i> sp. nov.--a new lactic acid bacterium isolated from Spanish Bobal grape must. <b>2008</b> , 31, 425-33		19
1144	A combined molecular and morphological approach to species delimitation in black-fruited, endolithic <i>Caloplaca</i> : high genetic and low morphological diversity. <b>2008</b> , 112, 36-49		37
1143	The delimitation of Antarctic and bipolar species of neuropogonoid <i>Usnea</i> (Ascomycota, Lecanorales): a cohesion approach of species recognition for the <i>Usnea perpusilla</i> complex. <b>2008</b> , 112, 472-84		101
1142	Cloning and sequence characterization of a non-reducing polyketide synthase gene from the lichen <i>Xanthoparmelia semiviridis</i> . <b>2008</b> , 112, 147-61		50
1141	The sterile microfilamentous lichenized fungi <i>Cystocoleus ebeneus</i> and <i>Racodium rupestre</i> are relatives of plant pathogens and clinically important dothidealean fungi. <b>2008</b> , 112, 50-6		40
1140	Geographic locality and host identity shape fungal endophyte communities in cupressaceous trees. <b>2008</b> , 112, 331-44		182

1139	Phylogenetic relationships among species and genera of Lycoperdaceae based on ITS and LSU sequence data from north European taxa. <b>2008</b> , 112, 4-22	41
1138	Secondary structure of ITS2 rRNA provides taxonomic characters for systematic studies--a case in Lycoperdaceae (Basidiomycota). <b>2008</b> , 112, 316-30	30
1137	Phylogenetic reassessment of the Teloschistaceae (lichen-forming Ascomycota, Lecanoromycetes). <b>2008</b> , 112, 528-46	43
1136	Ectomycorrhizal mycelial species composition in apatite amended and non-amended mesh bags buried in a phosphorus-poor spruce forest. <b>2008</b> , 112, 681-8	35
1135	Ectomycorrhizal communities associated with <i>Populus tremula</i> growing on a heavy metal contaminated site. <b>2008</b> , 112, 1069-79	80
1134	<i>Armillaria paulensis</i> : a new South American species. <b>2008</b> , 112, 1122-8	14
1133	Fourteen coprophilous species of <i>Psathyrella</i> identified in the Nordic countries using morphology and nuclear rDNA sequence data. <b>2008</b> , 112, 1165-85	50
1132	Development of species-specific diagnostic primers for <i>Zoophthora radicans</i> and <i>Pandora blunckii</i> ; two co-occurring fungal pathogens of the diamondback moth, <i>Plutella xylostella</i> . <b>2008</b> , 112, 1227-40	13
1131	Morphological and genetic characteristics of the entomopathogenic fungus <i>Ophiocordyceps nutans</i> and its host insects. <b>2008</b> , 112, 1241-4	9
1130	Molecular phylogeny and systematics of <i>Polyblastia</i> (Verrucariaceae, Eurotiomycetes) and allied genera. <b>2008</b> , 112, 1307-18	27
1129	Anther smut fungi on monocots. <b>2008</b> , 112, 1297-306	36
1128	Fungi, including <i>Ophiostoma karelicum</i> sp. nov., associated with <i>Scolytus ratzeburgi</i> infesting birch in Finland and Russia. <b>2008</b> , 112, 1475-88	33
1127	<i>Joergensenia</i> , a new genus to accommodate <i>Psoroma cephalodinum</i> (lichenized Ascomycota). <b>2008</b> , 112, 1465-74	21
1126	References. <b>2008</b> , 637-768	
1125	Phylogenetic patterns of morphological and chemical characters and reproductive mode in the <i>Heterodermia obscurata</i> group in Costa Rica (Ascomycota, Physciaceae). <b>2008</b> , 6, 31-41	38
1124	Basidiomycota. <b>2008</b> ,	4
1123	<i>Dermatocarpon</i> (Verrucariaceae) in the Ozark Highlands, North America. <b>2008</b> , 111, 1-40	16
1122	Fungal Community Ecology: A Hybrid Beast with a Molecular Master. <b>2008</b> , 58, 799-810	220

1121	Reconsideration of Protocrea (Hypocreales, Hypocreaceae). <b>2008</b> , 100, 962-84	17
1120	The limitations of ancestral state reconstruction and the evolution of the ascus in the Lecanorales (lichenized Ascomycota). <b>2008</b> , 57, 141-56	117
1119	A PCR-based method for detecting the mycelia of stipitate hydroid fungi in soil. <b>2008</b> , 75, 40-6	14
1118	A cryptic microbial community persists within micropropagated <i>Bouteloua eriopoda</i> (Torr.) Torr. cultures. <b>2008</b> , 174, 570-575	11
1117	Temporal changes in the ectomycorrhizal community in two soil horizons of a temperate oak forest. <b>2008</b> , 74, 5792-801	122
1116	Diversity, Function and Potential Applications of the Root-Associated Endophytes. <b>2008</b> , 29-57	20
1115	Is <i>Anaptychia</i> Monophyletic? A Phylogenetic Study Based on Nuclear and Mitochondrial Genes. <b>2008</b> , 45, 55-60	9
1114	Entomopathogenic fungal endophytes. <b>2008</b> , 46, 72-82	299
1113	Homologs of ToxB, a host-selective toxin gene from <i>Pyrenophora tritici-repentis</i> , are present in the genome of sister-species <i>Pyrenophora bromi</i> and other members of the Ascomycota. <b>2008</b> , 45, 363-77	50
1112	Ectomycorrhizal community structure under willows at former ore mining sites. <b>2008</b> , 44, 37-44	43
1111	Ectomycorrhizal fungal communities of rehabilitated bauxite mines and adjacent, natural jarrah forest in Western Australia. <b>2008</b> , 255, 214-225	21
1110	Incidence and new records of <i>Mycosphaerella</i> species within a <i>Eucalyptus globulus</i> plantation in Western Australia. <b>2008</b> , 255, 3931-3937	20
1109	The ectomycorrhizal status of European larch ( <i>Larix decidua</i> Mill.) seedlings from bare-root forest nurseries. <b>2008</b> , 256, 2136-2144	15
1108	Chloride concentration affects soil microbial community. <b>2008</b> , 71, 1401-8	14
1107	Land use influences soil fungal community composition across central Victoria, south-eastern Australia. <b>2008</b> , 40, 1724-1732	79
1106	Root exudates regulate soil fungal community composition and diversity. <b>2008</b> , 74, 738-44	512
1105	Increasing ecological inference from high throughput sequencing of fungi in the environment through a tagging approach. <b>2008</b> , 8, 742-52	41
1104	Exploring the species diversity of <i>Trichoderma</i> in Norwegian drinking water systems by DNA barcoding. <b>2008</b> , 8, 1178-88	13

1103	The lichen genus <i>Henrica</i> (Verrucariaceae, Eurotiomycetes) in northern Europe. <b>2008</b> , 26, 237-247	5
1102	Sponge-associated fungi and their bioactive compounds: the <i>Suberites</i> case. <b>2008</b> , 51,	55
1101	Real-time PCR-based monitoring of DNA pools in the tri-trophic interaction between Norway spruce, the rust <i>Thekopsora areolata</i> , and an opportunistic ascomycetous <i>Phomopsis</i> sp. <b>2008</b> , 98, 51-8	17
1100	Black fungi in lichens from seasonally arid habitats. <b>2008</b> , 61, 83-90	51
1099	Ectomycorrhizal fungi of whitebark pine (a tree in peril) revealed by sporocarps and molecular analysis of mycorrhizae from treeline forests in the Greater Yellowstone Ecosystem. <b>2008</b> , 86, 14-25	20
1098	Mycorrhizal interactions of orchids colonizing Estonian mine tailings hills. <b>2008</b> , 95, 156-64	86
1097	<i>Pseudolagarobasidium</i> (Basidiomycota): on the reinstatement of a genus of parasitic, saprophytic, and endophytic resupinate fungi. <b>2008</b> , 86, 1319-1325	13
1096	Fungal and bacterial communities across meadowforest ecotones in the western Cascades of Oregon. <b>2008</b> , 38, 1053-1060	14
1095	Analysis of enriched transcripts induced during velvetleaf - <i>Colletotrichum coccodes</i> interaction. <b>2008</b> , 30, 133-147	1
1094	Effects of enrichment with salicylate on bacterial selection and PAH mineralization in a microbial community from a bioreactor treating contaminated soil. <b>2008</b> , 42, 4099-105	20
1093	<i>Atla</i> , a new genus in the Verrucariaceae (Verrucariales). <b>2008</b> , 40, 269-282	19
1092	<i>Caloplaca subalpina</i> and <i>C. thracopontica</i> , two new saxicolous species from the <i>Caloplaca cerina</i> group (Teloschistales). <b>2008</b> , 40, 375-386	15
1091	Taxonomy and phylogeny of new wood- and soil-inhabiting <i>Sporothrix</i> species in the <i>Ophiostoma stenoceras</i> - <i>Sporothrix schenckii</i> complex. <b>2008</b> , 100, 647-61	96
1090	Taxonomic revision of the <i>Lecania cyrtella</i> group based on molecular and morphological evidence. <b>2008</b> , 100, 397-416	21
1089	Seven new species of the Botryosphaeriaceae from baobab and other native trees in Western Australia. <b>2008</b> , 100, 851-66	104
1088	<i>Tomentella africana</i> , a new species from Benin (West Africa) identified by morphological and molecular data. <b>2008</b> , 100, 68-80	11
1087	Novel <i>Phaeoacremonium</i> species associated with necrotic wood of <i>Prunus</i> trees. <b>2008</b> , 20, 87-102	96
1086	Detection of cranberry fruit rot fungi using DNA array hybridization. <b>2008</b> , 30, 226-240	12



1085	Rapid identification and differentiation of Trichophyton species, based on sequence polymorphisms of the ribosomal internal transcribed spacer regions, by rolling-circle amplification. <b>2008</b> , 46, 1192-9	55
1084	GR24, a synthetic analog of strigolactones, stimulates the mitosis and growth of the arbuscular mycorrhizal fungus <i>Gigaspora rosea</i> by boosting its energy metabolism. <b>2008</b> , 148, 402-13	193
1083	High mycorrhizal specificity in a widespread mycoheterotrophic plant, <i>Eulophia zollingeri</i> (Orchidaceae). <b>2008</b> , 95, 93-7	76
1082	Biogeographic and phylogenetic patterns in diversity of liverwort-associated endophytes. <b>2008</b> , 95, 914-24	62
1081	Novel root fungal consortium associated with a dominant desert grass. <b>2008</b> , 74, 2805-13	160
1080	Detection and identification of fungi intimately associated with the brown seaweed <i>Fucus serratus</i> . <b>2008</b> , 74, 931-41	113
1079	Microbial community analysis of field-grown soybeans with different nodulation phenotypes. <b>2008</b> , 74, 5704-9	32
1078	<i>Imaia</i> , a new truffle genus to accommodate <i>Terfezia gigantea</i> . <b>2008</b> , 100, 930-9	35
1077	Edible Mycorrhizal Fungi: Identification, Life Cycle and Morphogenesis. <b>2008</b> , 707-732	12
1076	Taxonomic revision of <i>Xanthomendoza borealis</i> and <i>Xanthoria mawsonii</i> (Lecanoromycetes, Ascomycota). <b>2008</b> , 40, 399-409	25
1075	Breakdown and delayed cospeciation in the arbuscular mycorrhizal mutualism. <b>2008</b> , 275, 1029-35	68
1074	A novel ascomycetous endophytic association in the rhizoids of the leafy liverwort family, Schistochilaceae (Jungermanniidae, Hepaticopsida). <b>2008</b> , 95, 531-41	28
1073	Molecular diversity assessment of arctic and boreal <i>Agaricus</i> taxa. <b>2008</b> , 100, 577-89	39
1072	<i>Ophiostoma gemellus</i> and <i>Sporothrix variecibatus</i> from mites infesting <i>Protea</i> infructescences in South Africa. <b>2008</b> , 100, 496-510	38
1071	Molecular detection of fungal communities in the Hawaiian marine sponges <i>Suberites zeteki</i> and <i>Mycale armata</i> . <b>2008</b> , 74, 6091-101	136
1070	High diversity of fungi associated with living parts of boreal forest bryophytes. <b>2008</b> , 86, 1326-1333	62
1069	Assessment of the genetic variation among <i>Suillus granulatus</i> populations in Israel. <b>2008</b> , 56, 321-330	
1068	Screening fungi isolated from historic Discovery Hut on Ross Island, Antarctica for cellulose degradation. <b>2008</b> , 20, 463-470	28

1067	<i>Oidium longipes</i> , A New Powdery Mildew Fungus on Petunia in the USA: A Potential Threat to Ornamental and Vegetable Solanaceous Crops. <b>2008</b> , 92, 818-825	25
1066	A new circumscription of the genus <i>Ramboldia</i> (Lecanoraceae, Ascomycota) based on morphological and molecular evidence. <b>2008</b> , 86, 23-42	20
1065	<i>Tomentella africana</i> , a new species from Benin (West Africa) identified by morphological and molecular data. <b>2008</b> , 100, 68-80	15
1064	Novel <i>Paraconiothyrium</i> species on stone fruit trees and other woody hosts. <b>2008</b> , 20, 9-17	54
1063	A fissitunicate ascus mechanism in the Calosphaeriaceae, and novel species of <i>Jattaea</i> and <i>Calosphaeria</i> on <i>Prunus</i> wood. <b>2008</b> , 20, 39-52	31
1062	High diversity and morphological convergence among melanised fungi from rock formations in the Central Mountain System of Spain. <b>2008</b> , 21, 93-110	70
1061	Phylogenetic relationships and taxonomy of the <i>Leptogium lichenoides</i> group (Collemaataceae, Ascomycota) in Europe. <b>2008</b> , 57, 907-1E	20
1060	Denaturing gradient gel electrophoresis as a fingerprinting method for the analysis of soil microbial communities. <b>2009</b> , 55, 413-423	30
1059	Inference in incidence, infection, and impact: co-infection of multiple hosts by multiple pathogens. <b>2009</b> , 4,	6
1058	Taxonomy and species delimitation in <i>Sporodictyon</i> (Verrucariaceae) in Northern Europe and the adjacent Arctic: reconciling molecular and morphological data. <b>2009</b> , 58, 585-605	14
1057	Taxonomic study of <i>peltigera</i> (peltigeraceae, ascomycota) in Korea. <b>2009</b> , 37, 189-96	4
1056	Evolution and reproduction modes in the <i>Roccella galapagoensis</i> aggregate (Roccellaceae, Arthoniales). <b>2009</b> , 58, 438-456	38
1055	Characterization of bacterial and fungal communities in composted biosolids over a 2 year period using denaturing gradient gel electrophoresis. <b>2009</b> , 55, 375-87	25
1054	Improving the efficiency of metal removal from CCA-treated wood using brown rot fungi. <b>2009</b> , 30, 673-9	13
1053	Ectomycorrhizal Diversity on <i>Dryas octopetala</i> and <i>Salix reticulata</i> in an Alpine Cliff Ecosystem. <b>2009</b> , 41, 506-514	55
1052	Investigations of fungal diversity in wooden structures and soils at historic sites on the Antarctic Peninsula. <b>2009</b> , 55, 46-56	40
1051	Logging-residue extraction does not reduce the diversity of litter-layer saprotrophic fungi in three Swedish coniferous stands after 25 years. <b>2009</b> , 39, 1737-1748	19
1050	Genetic variation in relation to substratum preferences of <i>Hypogymnia physodes</i> . <b>2009</b> , 41, 547-555	7

1049	Geographic Distribution and rDNA-ITS Region Sequence Diversity of <i>Waitea circinata</i> var. <i>circinata</i> Isolated from Annual Bluegrass in the United States. <b>2009</b> , 93, 906-911	8
1048	Impact of the biological control agent <i>Phlebiopsis gigantea</i> on its resident genetic structure in the Baltic Sea area. <b>2009</b> , 19, 263-276	4
1047	Molecular fingerprinting by PCR-denaturing gradient gel electrophoresis reveals differences in the levels of microbial diversity for musty-earthly tainted corks. <b>2009</b> , 75, 1922-31	20
1046	Phylogenetic relationships and an assessment of traditionally used taxonomic characters in the Sporormiaceae (Pleosporales, Dothideomycetes, Ascomycota), utilising multi-gene phylogenies. <b>2009</b> , 7, 465-478	40
1045	Functional and genetic diversity of mycorrhizal fungi from single plants of <i>Caladenia formosa</i> (Orchidaceae). <b>2009</b> , 104, 757-65	31
1044	Spatial patterns in hyphal growth and substrate exploitation within norway spruce stems colonized by the pathogenic white-rot fungus <i>Heterobasidion parviporum</i> . <b>2009</b> , 75, 4069-78	22
1043	Phylogeny of the cetrarioid core (Parmeliaceae) based on five genetic markers. <b>2009</b> , 41, 489-511	38
1042	Morphological and nuclear ribosomal DNA data support distinguishing two new species of <i>Umbilicaria</i> (Umbilicariaceae, Ascomycota) from Europe. <b>2009</b> , 41, 631-648	9
1041	<i>Saccharomyces cerevisiae</i> : population divergence and resistance to oxidative stress in clinical, domesticated and wild isolates. <b>2009</b> , 4, e5317	65
1040	Taxonomy and evolutionary relationships within species of section <i>Rimosae</i> ( <i>Inocybe</i> ) based on ITS, LSU and mtSSU sequence data. <b>2009</b> , 23, 86-98	32
1039	Isolation of entomopathogenic fungi from soils and <i>Ixodes scapularis</i> (Acari: Ixodidae) ticks: prevalence and methods. <b>2009</b> , 46, 557-65	38
1038	Species delimitation in the <i>Lepraria isidiata</i> - <i>L. santosii</i> group: a population study in the Mediterranean-Macaronesian region. <b>2009</b> , 41, 1-15	23
1037	Phylogenetic analysis indicates transitions from vegetative to sexual reproduction in the <i>Lobaria retigera</i> group (Lecanoromycetidae, Ascomycota). <b>2009</b> , 41, 275-284	14
1036	Species richness and species composition of fungal communities associated with cellulose decomposition at different altitudes on the Tibetan Plateau. <b>2009</b> , 2, 217-224	6
1035	Molecular data show that <i>Bryoria fremontii</i> and <i>B. tortuosa</i> (Parmeliaceae) are conspecific. <b>2009</b> , 41, 231-242	39
1034	Morphological measurements and ITS sequences show that the new alder rust in Europe is conspecific with <i>Melampsorium hiratsukanum</i> in eastern Asia. <b>2009</b> , 101, 622-31	11
1033	Cellobiose dehydrogenase from the ligninolytic basidiomycete <i>Ceriporiopsis subvermispora</i> . <b>2009</b> , 75, 2750-7	40
1032	Evidence of a myco-heterotroph in the plant family Ericaceae that lacks mycorrhizal specificity. <b>2009</b> , 276, 4053-9	59

1031	Evidence for novel and specialized mycorrhizal parasitism: the orchid <i>Gastrodia confusa</i> gains carbon from saprotrophic <i>Mycena</i> . <b>2009</b> , 276, 761-7	105
1030	A taxonomic revision of <i>Caloplaca herbidella</i> and <i>C. furfuracea</i> . <b>2009</b> , 41, 465-480	21
1029	Resolving taxonomic and phylogenetic incongruence within species <i>Ceratocystiopsis minuta</i> . <b>2009</b> , 101, 878-87	25
1028	The taxonomy of the <i>Caloplaca citrina</i> group (Teloschistaceae) in the Black Sea region; with contributions to the cryptic species concept in lichenology. <b>2009</b> , 41, 571-604	84
1027	RNA silencing is required for <i>Arabidopsis</i> defence against <i>Verticillium</i> wilt disease. <b>2009</b> , 60, 591-602	153
1026	A transcribed polyketide synthase gene from <i>Xanthoria elegans</i> . <b>2009</b> , 113, 82-92	23
1025	Molecular data indicate that <i>Rhytidhysterium rufulum</i> (ascomycetes, Patellariales) in Costa Rica consists of four distinct lineages corroborated by morphological and chemical characters. <b>2009</b> , 113, 405-16	14
1024	<i>Hebeloma</i> species associated with <i>Cistus</i> . <b>2009</b> , 113, 153-62	14
1023	<i>Cortinarius</i> sect. <i>Brunnei</i> (Basidiomycota, Agaricales) in North Europe. <b>2009</b> , 113, 182-206	35
1022	Botryosphaeriaceae from tuart ( <i>Eucalyptus gomphocephala</i> ) woodland, including descriptions of four new species. <b>2009</b> , 113, 337-53	60
1021	Phylogenetic relationships of <i>Puccinia horiana</i> and other rust pathogens of <i>Chrysanthemum x morifolium</i> based on rDNA ITS sequence analysis. <b>2009</b> , 113, 668-83	30
1020	Fungal pathogen (mis-) identifications: a case study with DNA barcodes on <i>Melampsora</i> rusts of aspen and white poplar. <b>2009</b> , 113, 713-24	42
1019	<i>Otidea subterranea</i> sp. nov.: <i>Otidea</i> goes below ground. <b>2009</b> , 113, 858-66	11
1018	Identity and specificity of the fungi forming mycorrhizas with the rare mycoheterotrophic orchid <i>Rhizanthella gardneri</i> . <b>2009</b> , 113, 1097-106	47
1017	<i>Sphaerodes mycoparasitica</i> sp. nov., a new biotrophic mycoparasite on <i>Fusarium avenaceum</i> , <i>F. graminearum</i> and <i>F. oxysporum</i> . <b>2009</b> , 113, 1172-80	32
1016	Genetic diversity of <i>Labyrinthula terrestris</i> , a newly emergent plant pathogen, and the discovery of new <i>Labyrinthulid</i> organisms. <b>2009</b> , 113, 1192-9	14
1015	Species delimitation in the European species of <i>Clavulina</i> (Cantharellales, Basidiomycota) inferred from phylogenetic analyses of ITS region and morphological data. <b>2009</b> , 113, 1261-70	22
1014	Putative source of the invasive <i>Sirex noctilio</i> fungal symbiont, <i>Amylostereum areolatum</i> , in the eastern United States and its association with native siricid woodwasps. <b>2009</b> , 113, 1242-53	44

1013	Application of temporal temperature gradient gel electrophoresis for characterisation of fungal endophyte communities of <i>Salix caprea</i> L. in a heavy metal polluted soil. <b>2009</b> , 407, 6179-87	36
1012	Spatial distribution of fungal communities in a coastal grassland soil. <b>2009</b> , 41, 414-416	23
1011	Influence of repeated prescribed burning on incorporation of <sup>13</sup> C from cellulose by forest soil fungi as determined by RNA stable isotope probing. <b>2009</b> , 41, 467-472	24
1010	Photoacceleration of plant litter decomposition in an arid environment. <b>2009</b> , 41, 1433-1441	108
1009	Physiological, biochemical and molecular responses of the soil microbial community after afforestation of pastures with <i>Pinus radiata</i> . <b>2009</b> , 41, 1642-1651	86
1008	Woodland trees modulate soil resources and conserve fungal diversity in fragmented landscapes. <b>2009</b> , 41, 2162-2169	21
1007	Phylogenetic relationships in <i>Cortinarius</i> , section <i>Calochroi</i> , inferred from nuclear DNA sequences. <b>2009</b> , 9, 1	140
1006	Development and validation of an oligonucleotide microarray to characterise ectomycorrhizal fungal communities. <b>2009</b> , 9, 241	10
1005	A quantitative TaqMan MGB real-time polymerase chain reaction based assay for detection of the causative agent of crayfish plague <i>Aphanomyces astaci</i> . <b>2009</b> , 137, 146-55	119
1004	Effects of sugar beet chitinase IV on root-associated fungal community of transgenic silver birch in a field trial. <b>2009</b> , 230, 973-83	19
1003	Ectomycorrhizae, arbuscular mycorrhizae, and dark-septate fungi on <i>Salix humboldtiana</i> in two riparian populations from central Argentina. <b>2009</b> , 50, 343-352	15
1002	Ectomycorrhizal fungal community of naturally regenerated <i>Pinus thunbergii</i> seedlings in a coastal pine forest. <b>2009</b> , 14, 335-341	23
1001	First report of rust disease on ohia and the causal fungus, <i>Puccinia psidii</i> , in Japan. <b>2009</b> , 75, 428-431	57
1000	Characterization of juvenile maritime pine ( <i>Pinus pinaster</i> Ait.) ectomycorrhizal fungal community using morphotyping, direct sequencing and fruitbodies sampling. <b>2009</b> , 19, 91-98	23
999	Distribution of ectomycorrhizal and pathogenic fungi in soil along a vegetational change from Japanese black pine ( <i>Pinus thunbergii</i> ) to black locust ( <i>Robinia pseudoacacia</i> ). <b>2009</b> , 19, 231-238	2
998	Bacterial communities associated with tuberculate ectomycorrhizae of <i>Rhizopogon</i> spp. <b>2009</b> , 19, 277-282	9
997	Ectomycorrhizal fungal community in alkaline-saline soil in northeastern China. <b>2009</b> , 19, 329-335	48
996	Changes in ectomycorrhizal community structure on two containerized oak hosts across an experimental hydrologic gradient. <b>2009</b> , 19, 133-142	43

- 995 Mycorrhizas on nursery and field seedlings of *Quercus garryana*. **2009**, 19, 149-158 16
- 994 Field persistence of the edible ectomycorrhizal fungus *Lactarius deliciosus*: effects of inoculation strain, initial colonization level, and site characteristics. **2009**, 19, 167-177 25
- 993 The ectomycorrhizal morphotype *Pinirhiza sclerotia* is formed by *Acephala macrosclerotiorum* sp. nov., a close relative of *Phialocephala fortinii*. **2009**, 19, 481-492 32
- 992 Diversity of root-associated fungal endophytes in *Rhododendron fortunei* in subtropical forests of China. **2009**, 19, 417-423 49
- 991 Does forest liming impact the enzymatic profiles of ectomycorrhizal communities through specialized fungal symbionts?. **2009**, 19, 493-500 38
- 990 Ectomycorrhizal community structure in a healthy and a *Phytophthora*-infected chestnut (*Castanea sativa* Mill.) stand in central Italy. **2009**, 20, 25-38 37
- 989 Ectomycorrhizal fungal communities associated with *Pinus thunbergii* in the eastern coastal pine forests of Korea. **2009**, 20, 39-49 38
- 988 Characterization and virulence of *Lecanicillium lecanii* against different aphid species. **2009**, 54, 825-835 17
- 987 Cellulolytic potential of fungi in wood degradation from an old house at the Medina of Fez. **2009**, 59, 699-704 28
- 986 Characterization of fungal soil communities by F-RISA and arbuscular mycorrhizal fungi from *Araucaria angustifolia* forest soils after replanting and wildfire disturbances. **2009**, 48, 164-172 3
- 985 Alien fungal species distribution: the study case of *Favolaschia calocera*. **2009**, 11, 417-429 19
- 984 Effect of an invasive grass on ambient rates of decomposition and microbial community structure: a search for causality. **2009**, 11, 1855-1868 12
- 983 Ectomycorrhizal communities of *Quercus garryana* are similar on serpentine and nonserpentine soils. **2009**, 315, 185-194 39
- 982 Effect of soil type and soybean genotype on fungal community in soybean rhizosphere during reproductive growth stages. **2009**, 317, 135-144 45
- 981 A cost-effective high-throughput microcosm system for studying nitrogen dynamics at the plant-microbe-soil interface. **2009**, 317, 293-307 22
- 980 Structure and activities of ectomycorrhizal and microbial communities in the rhizosphere of *Fagus sylvatica* under ozone and pathogen stress in a lysimeter study. **2009**, 323, 97-109 22
- 979 Colonization patterns of mycorrhizal fungi associated with two rare orchids, *Cephalanthera falcata* and *C. erecta*. **2009**, 24, 1023-1031 15
- 978 Comparison of molecular fingerprinting methods for analysis of soil microbial community structure. **2009**, 24, 1399-1405 42

977	13C-Isotopomer-based metabolomics of microbial groups isolated from two forest soils. <b>2009</b> , 5, 108-122	23
976	Isolation and identification of a newly isolated <i>Alternaria</i> sp. ND-16 and characterization of xylanase. <b>2009</b> , 157, 36-49	4
975	<i>Lophodermium pini-mugonis</i> sp. nov. on needles of <i>Pinus mugo</i> from the Alps based on morphological and molecular data. <b>2009</b> , 8, 29-33	24
974	The phylogeny and taxonomy of genera <i>Cystoderma</i> and <i>Cystodermella</i> (Agaricales) based on nuclear ITS and LSU sequences. <b>2009</b> , 8, 59-73	25
973	<i>Ganoderma carocalcareus</i> sp. nov., with crumbly-friable context parasite to saprobe on <i>Anthocleista nobilis</i> and its phylogenetic relationship in <i>G. resinaceum</i> group. <b>2009</b> , 8, 145-155	22
972	Delimitation of <i>Ophiostoma quercus</i> and its synonyms using multiple gene phylogenies. <b>2009</b> , 8, 221-236	33
971	Microscale spatial distribution patterns of red oak ( <i>Quercus rubra</i> L.) ectomycorrhizae. <b>2009</b> , 8, 245-257	6
970	Taxonomy, ecology and phylogenetic relationships of <i>Bovista pusilla</i> and <i>B. limosa</i> in North Europe. <b>2009</b> , 8, 289-299	5
969	Culture studies on the mycobiont isolated from <i>Parmotrema reticulatum</i> (Taylor) Choisy: metabolite production under different conditions. <b>2009</b> , 8, 359-365	18
968	Sizing the fungal and algal genomes of the lichen <i>Cladonia grayi</i> through quantitative PCR. <b>2009</b> , 49, 43-51	25
967	Molecular phylogeny of <i>Pisolithus</i> species from Moroccan forest woodlands. <b>2009</b> , 49, 157-162	5
966	Promotion of mycorrhiza formation and growth of willows by the bacterial strain <i>Sphingomonas</i> sp. 23L on fly ash. <b>2009</b> , 45, 385-394	48
965	Diversity and seasonal variations of mycorrhiza and rhizosphere bacteria in three common plant species at the Slovenian Ljubljana Marsh. <b>2009</b> , 45, 573-583	21
964	Phosphate addition and plant species alters microbial community structure in acidic upland grassland soil. <b>2009</b> , 57, 4-13	29
963	PCR primers with enhanced specificity for nematode-trapping fungi (Orbiliiales). <b>2009</b> , 58, 117-28	16
962	Diversity and decomposing ability of saprophytic fungi from temperate forest litter. <b>2009</b> , 58, 98-107	76
961	Fungi vectored by the bark beetle <i>Ips typographus</i> following hibernation under the bark of standing trees and in the forest litter. <b>2009</b> , 58, 651-9	41
960	Fungal-fungal associations affect the assembly of endophyte communities in maize ( <i>Zea mays</i> ). <b>2009</b> , 58, 668-78	49

959	Quantitative detection and monitoring of <i>Colletotrichum acutatum</i> in strawberry leaves using real-time PCR. <b>2009</b> , 58, 504-514		53
958	Molecular assays reveal the presence and diversity of genes encoding pea footrot pathogenicity determinants in <i>Nectria haematococca</i> and in agricultural soils. <b>2009</b> , 106, 1629-39		7
957	Genetic diversity among Brazilian isolates of <i>Beauveria bassiana</i> : comparisons with non-Brazilian isolates and other <i>Beauveria</i> species. <b>2009</b> , 107, 760-74		28
956	Pyrene degradation and copper and zinc uptake by <i>Fusarium solani</i> and <i>Hypocrea lixii</i> isolated from petrol station soil. <b>2010</b> , 108, 2030-40		37
955	Genetic population structure and distribution of a fungal polypore, <i>Datronia caperata</i> (Polyporaceae), in mangrove forests of Central America. <b>2009</b> , 36, 266-279		16
954	Spore heat resistance plays an important role in disturbance-mediated assemblage shift of ectomycorrhizal fungi colonizing <i>Pinus muricata</i> seedlings. <b>2009</b> , 97, 537-547		93
953	Waiting for fungi: the ectomycorrhizal invasion of lowland heathlands. <b>2009</b> , 97, 950-963		87
952	The ectomycorrhizal fungus <i>Amanita phalloides</i> was introduced and is expanding its range on the west coast of North America. <i>Molecular Ecology</i> , <b>2009</b> , 18, 817-33	5-7	85
951	Molecular phylogenetic biodiversity assessment of arctic and boreal ectomycorrhizal <i>Lactarius</i> Pers. (Russulales; Basidiomycota) in Alaska, based on soil and sporocarp DNA. <i>Molecular Ecology</i> , <b>2009</b> , 18, 2213-27	5-7	56
950	Mycophagous growth of <i>Collimonas</i> bacteria in natural soils, impact on fungal biomass turnover and interactions with mycophagous <i>Trichoderma</i> fungi. <b>2009</b> , 3, 190-8		15
949	Fungal community diversity and soil health in intensive potato cropping systems of the east Po valley, northern Italy. <b>2009</b> , 155, 245-258		45
948	Amplification of soil fungal community DNA using the ITS86F and ITS4 primers. <b>2009</b> , 296, 91-6		35
947	PCR primers specific for the genus <i>Tuber</i> reveal the presence of several truffle species in a truffle-ground. <b>2009</b> , 297, 67-72		17
946	Fast DNA-based identification of the black truffle <i>Tuber melanosporum</i> with direct PCR and species-specific primers. <b>2009</b> , 301, 171-5		28
945	A reason for overlap peaks in direct sequencing of rRNA gene ITS in <i>Pleurotus nebrodensis</i> . <b>2009</b> , 305, 14-17		0
944	Assessing reproductive isolation in highly diverse communities of the lichen-forming fungal genus <i>peltigera</i> . <b>2009</b> , 63, 2076-86		41
943	Identical genotypes of an ericoid mycorrhiza-forming fungus occur in roots of <i>Epacris pulchella</i> (Ericaceae) and <i>Leptospermum polygalifolium</i> (Myrtaceae) in an Australian sclerophyll forest. <b>2009</b> , 67, 411-20		27
942	Influence of host species on ectomycorrhizal communities associated with two co-occurring oaks ( <i>Quercus</i> spp.) in a tropical cloud forest. <b>2009</b> , 69, 274-87		71



941	Spatial distribution of sporocarps of stipitate hydroid fungi and their belowground mycelium. <b>2009</b> , 69, 344-52	23
940	Termination of belowground C allocation by trees alters soil fungal and bacterial communities in a boreal forest. <b>2009</b> , 70, 151-62	99
939	Effect of continuous olive mill wastewater applications, in the presence and absence of nitrogen fertilization, on the structure of rhizosphere-soil fungal communities. <b>2009</b> , 70, 388-401	21
938	Species delimitation and evolution of metal bioaccumulation in the lichenized <i>Acarospora smaragdula</i> (Ascomycota, Fungi) complex. <b>2009</b> , 25, 161-172	42
937	Multiple origins of symbioses between ascomycetes and bryophytes suggested by a five-gene phylogeny. <b>2010</b> , 26, 281-300	59
936	Inoculum potential of <i>Rhizopogon</i> spores increases with time over the first 4 yr of a 99-yr spore burial experiment. <b>2009</b> , 181, 463-470	128
935	Small genetic differences between ericoid mycorrhizal fungi affect nitrogen uptake by <i>Vaccinium</i> . <b>2009</b> , 181, 708-18	31
934	How to know unknown fungi: the role of a herbarium. <b>2009</b> , 181, 719-24	128
933	Real-time PCR quantification and live-cell imaging of endophytic colonization of barley ( <i>Hordeum vulgare</i> ) roots by <i>Fusarium equiseti</i> and <i>Pochonia chlamydosporia</i> . <b>2009</b> , 182, 213-228	96
932	Evidence for alteration of fungal endophyte community assembly by host defense compounds. <b>2009</b> , 182, 229-238	97
931	Massively parallel 454 sequencing indicates hyperdiverse fungal communities in temperate <i>Quercus macrocarpa</i> phyllosphere. <b>2009</b> , 184, 438-448	354
930	Genetically based susceptibility to herbivory influences the ectomycorrhizal fungal communities of a foundation tree species. <b>2009</b> , 184, 657-667	72
929	Molecular characterizations of microbial communities fouling painted and unpainted concrete structures. <b>2009</b> , 63, 30-40	25
928	Polycyclic aromatic hydrocarbons degradation by <i>Agrocybe</i> sp. CU-43 and its fluorene transformation. <b>2009</b> , 63, 93-99	27
927	Slippery when wet: phylogeny and character evolution in the gelatinous cyanobacterial lichens (Peltigerales, Ascomycetes). <b>2009</b> , 53, 862-71	58
926	Biochemical characterisation and antioxidant activity of mycelium of <i>Ganoderma lucidum</i> from Central Italy. <b>2009</b> , 116, 143-151	57
925	Ecology of <i>Armillaria</i> species on silver fir ( <i>Abies alba</i> ) in the Spanish Pyrenees. <b>2009</b> , 66, 603-603	13
924	<i>Ganoderma</i> and <i>Amauroderma</i> species associated with root-rot disease of <i>Acacia mangium</i> plantation trees in Indonesia and Malaysia. <b>2009</b> , 38, 345	39

923	A new species of <i>Petractis</i> ( <i>Ostropales</i> s. lat., lichenized Ascomycota) from Wales. <b>2009</b> , 41, 213-221	4
922	Molecular data confirm the position of <i>Flakea papillata</i> in the Verrucariaceae. <b>2009</b> , 112, 538-543	6
921	<i>Gowardia</i> (Parmeliaceae) a new alectorioid lichen genus with two species. <b>2009</b> , 112, 138-146	10
920	Growth and viability of mycorrhizal extraradical mycelia associated with three temperate orchid species. <b>2009</b> , 64, 63-68	2
919	Molecular identification of mycorrhizal fungi in <i>Dactylorhiza sambucina</i> (Orchidaceae). <b>2009</b> , 64, 893-897	6
918	The unique genome of two-chromosome grasses <i>Zingeria</i> and <i>Colpodium</i> , its origin, and evolution. <b>2009</b> , 45, 1329-1337	28
917	Indole-diterpenes and ergot alkaloids in <i>Cynodon dactylon</i> (Bermuda grass) infected with <i>Claviceps cynodontis</i> from an outbreak of tremors in cattle. <b>2009</b> , 57, 1112-9	49
916	Estimating the dispersal capacity of the rare lichen <i>Cliostomum corrugatum</i> . <b>2009</b> , 142, 1870-1878	35
915	<i>Aspergillus westerdijkiae</i> polyketide synthase gene "aoks1" is involved in the biosynthesis of ochratoxin A. <b>2009</b> , 46, 77-84	52
914	Biomechanics of invasive growth by <i>Armillaria</i> rhizomorphs. <b>2009</b> , 46, 688-94	15
913	Cloning and characterization of novel methylsalicylic acid synthase gene involved in the biosynthesis of isoasperlactone and asperlactone in <i>Aspergillus westerdijkiae</i> . <b>2009</b> , 46, 742-9	9
912	Cr(VI) reduction by an <i>Aspergillus tubingensis</i> strain: role of carboxylic acids and implications for natural attenuation and biotreatment of Cr(VI) contamination. <b>2009</b> , 76, 43-7	25
911	Belowground ectomycorrhizal fungal communities respond to liming in three southern Swedish coniferous forest stands. <b>2009</b> , 257, 2217-2225	36
910	Molecular detection of <i>Puccinia horiana</i> in <i>Chrysanthemum x morifolium</i> through conventional and real-time PCR. <b>2009</b> , 76, 136-45	26
909	Whole genome amplification of the rust <i>Puccinia striiformis</i> f. sp. <i>tritici</i> from single spores. <b>2009</b> , 77, 229-34	8
908	Impact of biotic and abiotic interaction on soil microbial communities and functions: A field study. <b>2009</b> , 41, 239-248	85
907	Tuberculate ectomycorrhizae of angiosperms: The interaction between <i>Boletus rubropunctus</i> (Boletaceae) and <i>Quercus</i> species (Fagaceae) in the United States and Mexico. <b>2009</b> , 96, 1665-75	16
906	New Entities in <i>Physcia aipolia</i> B. caesia Group (Physciaceae, Ascomycetes): An Analysis Based on mtSSU, ITS, Group I Intron and Betatubulin Sequences. <b>2009</b> , 46, 43-53	13

905	Synthetic sheep urine alters fungal community structure in an upland grassland soil. <b>2009</b> , 2, 36-43	3
904	Soil fungal community composition at Mars Oasis, a southern maritime Antarctic site, assessed by PCR amplification and cloning. <b>2009</b> , 2, 66-74	77
903	Effects of liming on ectomycorrhizal community structure in relation to soil horizons and tree hosts. <b>2009</b> , 2, 103-109	23
902	Taxonomic affinities of dark septate root endophytes of <i>Colobanthus quitensis</i> and <i>Deschampsia antarctica</i> , the two native Antarctic vascular plant species. <b>2009</b> , 2, 184-196	60
901	Off-odor compounds produced in cork by isolated bacteria and fungi: a gas chromatography-mass spectrometry and gas chromatography-olfactometry study. <b>2009</b> , 57, 7473-9	15
900	Phylogenetic placement of the sugarcane orange rust pathogen <i>Puccinia kuehnii</i> in a historical and regional context. <b>2009</b> , 38, 380	19
899	Isolation and characterisation of polychlorinated biphenyl (PCB) degrading fungi from a historically contaminated soil. <b>2009</b> , 8, 5	63
898	Mycorrhizal diversity in <i>Apostasia</i> (Orchidaceae) indicates the origin and evolution of orchid mycorrhiza. <b>2009</b> , 96, 1997-2009	61
897	Rodent dispersal of fungal spores promotes seedling establishment away from mycorrhizal networks on <i>Quercus garryana</i> . <b>2009</b> , 87, 821-829	42
896	Altitudinal distribution of microfungi associated with <i>Betula ermanii</i> leaf litter on Mt. Rishiri, northern Japan. <b>2009</b> , 55, 783-9	15
895	Hidden diversity in the non-caryophyllaceous plant-parasitic members of <i>Microbotryum</i> (Pucciniomycotina: Microbotryales). <b>2009</b> , 7, 297-306	31
894	Assessing clonality and chemotype monophyly in <i>Thamnia</i> (Icmadophilaceae). <b>2009</b> , 112, 42-53	26
893	The truffle genus <i>Cribbea</i> (Physalacriaceae, Agaricales) in Australia. <b>2009</b> , 22, 39	9
892	Whole-cell protein and ITS rDNA profiles as diagnostic tools to discriminate <i>Fusarium avenaceum</i> intraspecific variability and associated virulence. <b>2009</b> , 55, 117-25	10
891	Genetic and phenotypic diversity of geographically different isolates of <i>Glomus mosseae</i> . <b>2009</b> , 55, 242-53	27
890	Response of ectomycorrhizal community structure to gap opening in natural and managed temperate beech-dominated forests. <b>2009</b> , 39, 1375-1386	34
889	The effect of nursery substrate and fertilization on the growth and ectomycorrhizal status of containerized and outplanted seedlings of <i>Picea abies</i> . <b>2009</b> , 39, 64-75	27
888	Effects of cloning and root-tip size on observations of fungal ITS sequences from <i>Picea glauca</i> roots. <b>2009</b> , 101, 157-65	43

887	Evaluation of mitochondrial genes as DNA barcode for Basidiomycota. <b>2009</b> , 9 Suppl s1, 99-113	77
886	Microbial Community Analysis of Human Decomposition on Soil. <b>2009</b> , 379-394	28
885	DNA-Dependent Detection of the Grapevine Fungal Endophytes <i>Aureobasidium pullulans</i> and <i>Epicoccum nigrum</i> . <b>2009</b> , 93, 993-998	73
884	A tribute to John Walter Thomson (1913-2009). <b>2009</b> , 41, 561-563	2
883	The <i>Caloplaca holocarpa</i> group in the Nordic countries, except Iceland. <b>2009</b> , 41, 111-130	40
882	Phylogenetic lineages in the Capnodiales. <b>2009</b> , 64, 17-4757	246
881	Distribution of Bacterial Species in Soil with a Vegetational Change from Japanese Black Pine ( <i>Pinus thunbergii</i> ) to Black Locust ( <i>Robinia pseudoacacia</i> ). <b>2009</b> , 24, 246-52	3
880	<i>Raffaelea quercus-mongolicae</i> sp. nov. associated with <i>Platypus koryoensis</i> on oak in Korea. <b>2009</b> , 110, 189-197	52
879	A Multiplex PCR System for the Specific Detection of <i>Cylindrocarpon liriiodendri</i> , <i>C. macrodidymum</i> , and <i>C. pauciseptatum</i> from Grapevine. <b>2009</b> , 93, 821-825	15
878	Preparation of Fungal Specimens for Direct Molecular Applications. <b>2009</b> ,	
877	Root tip competition among ectomycorrhizal fungi: are priority effects a rule or an exception?. <b>2009</b> , 90, 2098-107	171
876	Marasmioid and gymnopoid fungi of the Republic of Korea. 1. Three interesting species of <i>Crinipellis</i> (Basidiomycota, Marasmiaceae). <b>2009</b> , 108, 429-440	10
875	Phylogeny and character evolution of the coprinoid mushroom genus <i>Parasola</i> as inferred from LSU and ITS nrDNA sequence data. <b>2009</b> , 22, 28-37	25
874	<i>Tomentellopsis pulchella</i> sp. nov. from St. Vitale Pine Forest (Ravenna, Italy). <b>2009</b> , 107, 53-60	1
873	Taxonomic and phylogenetic revision of <i>Coniophora arachnoidea</i> , <i>C. opuntiae</i> , and <i>C. prasinoidea</i> . <b>2009</b> , 108, 467-477	
872	<i>Dothiorella viticola</i> on <i>Populus cathayana</i> in China: a new record. <b>2009</b> , 109, 129-135	8
871	Triterpene chemosyndromes and subtle morphological characters characterise lineages in the <i>Physcia aipolia</i> group in Australia (Ascomycota). <b>2009</b> , 7, 479-487	22
870	<i>Ophiostoma denticiliatum</i> sp. nov. and other <i>Ophiostoma</i> species associated with the birch bark beetle in southern Norway. <b>2009</b> , 23, 9-15	21

869	Pestalotiopsis theae (Ascomycota, Amphisphaeriaceae) on seeds of Diospyros crassiflora (Ebenaceae). <b>2009</b> , 107, 441-448	4
868	Two new Ophiostoma species from Protea caffra in Zambia. <b>2010</b> , 24, 18-28	27
867	'Cort short on a mountaintop' - Eight new species of sequestrate Cortinarius from sub-alpine Australia and affinities to sections within the genus. <b>2010</b> , 24, 106-26	22
866	The phylogenetic position of Rhopalostroma as inferred from a polythetic approach. <b>2010</b> , 25, 11-21	20
865	Ophiostoma spp. associated with pine- and spruce-infesting bark beetles in Finland and Russia. <b>2010</b> , 25, 72-93	49
864	Characterisation and neotypification of Gloeosporium kaki Hori as Colletotrichum horii nom. nov.. <b>2010</b> , 111, 209-219	32
863	Taxonomic position of Mucor hiemalis f. luteus. <b>2010</b> , 111, 75-85	11
862	Lepiotaceous fungi in California, U.S.A. Leucoagaricus sect. Piloselli. <b>2010</b> , 112, 393-444	10
861	Elucidating the taxonomic rank of Cladonia subulata versus C. rei (Cladoniaceae). <b>2010</b> , 113, 311-326	21
860	Phialophora sessilis, a species causing flyspeck signs on bamboo in China. <b>2010</b> , 113, 405-413	13
859	Strelitziana africana newly recorded from China. <b>2010</b> , 113, 485-492	3
858	Leucoagaricus dacrytus $\bar{\text{b}}$ new species from New Jersey, U.S.A.. <b>2010</b> , 113, 73-80	6
857	Coniochaeta (Lecythophora), Collophora gen. nov. and Phaeomoniella species associated with wood necroses of Prunus trees. <b>2010</b> , 24, 60-80	81
856	Three new Graphium species from baobab trees in South Africa and Madagascar. <b>2010</b> , 25, 61-71	16
855	Diversity of Lecidea (Lecideaceae, Ascomycota) species revealed by molecular data and morphological characters. <b>2010</b> , 22, 727-741	36
854	Morphological and molecular characterization of Pisolithus in soil under eucalyptus plantations in Brazil. <b>2010</b> , 34, 1891-1898	2
853	Molecular characterization of fungal communities in non-tilled, cover-cropped upland rice field soils. <b>2010</b> , 25, 204-10	26
852	Fuzzy Pedicel: A New Postharvest Disease of Banana. <b>2010</b> , 94, 621-627	4

- 851 The most recent results on orchid mycorrhizal fungi in Hungary. **2010**, 61 Suppl, 68-76 7
- 850 The Reemergence and Management of Currant Cane Dieback in the Northeastern United States. **2010**, 94, 1283-1289 4
- 849 The genus *Karoowia* (Parmeliaceae, Ascomycota) includes unrelated clades nested within *Xanthoparmelia*. **2010**, 23, 173 19
- 848 Molecular Tools for Biodiversity and Phylogenetic Studies in Mycorrhizas. **2010**, 11 11
- 847 *Heterobasidion annosum* and *H. parviporum* in the Southern Rocky Mountains and Adjoining States. **2010**, 94, 115-118 11
- 846 An In Planta Method for Assessing the Role of Basidiospores in *Rhizoctonia* Foliar Disease of Tomato. **2010**, 94, 515-520 24
- 845 Evaluation of resistance to *Rhabdocline* needlecast in Douglas fir variety Shuswap, with quantitative polymerase chain reaction. **2010**, 100, 337-44 8
- 844 Comparative molecular evolution of trichoderma chitinases in response to mycoparasitic interactions. **2010**, 6, 1-26 46
- 843 Forest liming durably impact the communities of ectomycorrhizas and fungal epigeous fruiting bodies. **2010**, 67, 110-110 20
- 842 A DNA-based method for detection of *Peridermium harknessii*, the causal agent of western gall rust. **2010**, 39, 247 1
- 841 ITS as an environmental DNA barcode for fungi: an in silico approach reveals potential PCR biases. **2010**, 10, 189 576
- 840 *Amylocorticiales* ord. nov. and *Jaapiales* ord. nov.: early diverging clades of agaricomycetidae dominated by corticioid forms. **2010**, 102, 865-80 131
- 839 *Lobaria macaronesica* sp. nov., and the phylogeny of *Lobaria* sect. *Lobaria* (Lobariaceae) in Macaronesia. **2010**, 113, 590-604 12
- 838 *Caloplaca austrocitrina* (Teloschistaceae) new for South America, based on molecular and morphological studies. **2010**, 113, 124-128 3
- 837 Mechanisms underlying beneficial plant-fungus interactions in mycorrhizal symbiosis. **2010**, 1, 48 678
- 836 Joint dispersal does not imply maintenance of partnerships in lichen symbioses. **2010**, 59, 150-7 78
- 835 An Antarctic hot spot for fungi at Shackleton's historic hut on Cape Royds. **2010**, 60, 29-38 75
- 834 Soil microbial communities associated with Douglas-fir and red alder stands at high- and low-productivity forest sites in Oregon, USA. **2010**, 60, 606-17 39

833	Microbial community diversity of moonmilk deposits at Ballynamintra Cave, Co. Waterford, Ireland. <b>2010</b> , 60, 753-61	20
832	Effects of liming on potential oxalate secretion and iron chelation of beech ectomycorrhizal root tips. <b>2010</b> , 60, 331-9	8
831	Community analysis reveals close affinities between endophytic and endolichenic fungi in mosses and lichens. <b>2010</b> , 60, 340-53	156
830	Current state and perspectives of fungal DNA barcoding and rapid identification procedures. <b>2010</b> , 87, 99-108	287
829	Ectomycorrhiza formation and willow growth promotion as affected by associated bacteria: role of microbial metabolites and use of C sources. <b>2010</b> , 46, 139-150	15
828	Structural and functional response of soil microbiota to addition of plant substrate are moderated by soil Cu levels. <b>2010</b> , 46, 333-342	16
827	Arbuscular mycorrhizal fungi of a Mediterranean island (Pianosa), within a UNESCO Biosphere Reserve. <b>2010</b> , 46, 511-520	23
826	Asterostroma species (Basidiomycota) from mangrove forests in Japan. <b>2010</b> , 51, 75-80	6
825	In vitro cultivation and fruit body formation of the black bolete, <i>Phlebopus portentosus</i> , a popular edible ectomycorrhizal fungus in Thailand. <b>2010</b> , 51, 15-22	25
824	In vitro mycorrhization of edible <i>Astraeus</i> mushrooms and their morphological characterization. <b>2010</b> , 51, 234-241	11
823	Identification of Japanese <i>Astraeus</i> , based on morphological and phylogenetic analyses. <b>2010</b> , 51, 291-299	11
822	Overwintering of <i>Taphrina wiesneri</i> within cherry shoots monitored with species-specific PCR. <b>2010</b> , 76, 363-369	8
821	Assessment of bioaerosols at a concentrated dairy operation. <b>2010</b> , 26, 171-184	18
820	Land use practices and ectomycorrhizal fungal communities from oak woodlands dominated by <i>Quercus suber</i> L. considering drought scenarios. <b>2010</b> , 20, 73-88	46
819	Diverging diversity patterns in the <i>Tulasnella</i> (Basidiomycota, Tulasnellales) mycobionts of <i>Aneura pinguis</i> (Marchantiophyta, Metzgeriales) from Europe and Ecuador. <b>2010</b> , 20, 147-59	19
818	Ectomycorrhizal species associated with <i>Pinus radiata</i> in New Zealand including novel associations determined by molecular analysis. <b>2010</b> , 20, 209-15	47
817	A molecular survey of ectomycorrhizal hyphae in a California <i>Quercus</i> - <i>Pinus</i> woodland. <b>2010</b> , 20, 265-74	27
816	Sebacinales are associates of the leafy liverwort <i>Lophozia excisa</i> in the southern maritime Antarctic. <b>2010</b> , 20, 307-13	21

- 815 Ectomycorrhizal fungi associated with two species of *Kobresia* in an alpine meadow in the eastern Himalaya. **2010**, 20, 281-7 39
- 814 Fungal root endophytes of the carnivorous plant *Drosera rotundifolia*. **2010**, 20, 341-8 26
- 813 Can NPK fertilizers enhance seedling growth and mycorrhizal status of *Tuber melanosporum*-inoculated *Quercus ilex* seedlings?. **2010**, 20, 349-60 10
- 812 Arbuscular mycorrhiza of *Arnica montana* under field conditions--conventional and molecular studies. **2010**, 20, 551-7 11
- 811 Mycorrhizal specificity, preference, and plasticity of six slipper orchids from South Western China. **2010**, 20, 559-68 31
- 810 *Craterellus fallax*, a Black Trumpet mushroom from eastern North America with a broad host range. **2010**, 20, 569-75 10
- 809 Ascomycete fungal communities associated with early decaying leaves of *Spartina* spp. from central California estuaries. **2010**, 162, 435-42 12
- 808 Slowed decomposition is biotically mediated in an ectomycorrhizal, tropical rain forest. **2010**, 164, 785-95 73
- 807 Diversity of anaerobic fungi within cow manure determined by ITS1 analysis. **2010**, 55, 319-25 42
- 806 Degrading ability of oligocyclic aromates by *Phanerochaete sordida* selected via screening of white rot fungi. **2010**, 55, 447-53 30
- 805 Local distribution of ectomycorrhizae-associated basidiomycetes in forest soil correlates with the degree of soil organic matter humification and available electrolytes. **2010**, 55, 454-60 6
- 804 Morphological and molecular analyses of ectomycorrhizal diversity in *Pinus densiflora* seedlings. **2010**, 51, 233-238 9
- 803 Diversity of soil and rhizosphere fungi under *Araucaria bidwillii* (Bunya pine) at an Australian tropical montane rainforest site. **2010**, 40, 12-22 20
- 802 *Austropleospora osteospermi* gen. et sp. nov. and its host specificity and distribution on *Chrysanthemoides monilifera* ssp. *rotundata* in Australia. **2010**, 40, 65-74 10
- 801 Root endophytes along a primary succession gradient in northern Finland. **2010**, 41, 125-134 59
- 800 *Trichocybe*, a new genus for *Clitocybe puberula* (Agaricomycetes, Agaricales). **2010**, 42, 97-105 13
- 799 New *Teratosphaeria* species occurring on eucalypts in Australia. **2010**, 43, 27-38 23
- 798 Host affinity and phylogenetic position of a new anamorphic fungus *Beltraniella botryospora* from living and fallen leaves of evergreen oaks. **2010**, 43, 85-92 14



797	Fungal diversity in wounded stems of <i>Aquilaria malaccensis</i> . <b>2010</b> , 43, 67-74	53
796	Fungal diversity associated with Brazilian energy transmission towers. <b>2010</b> , 44, 53-63	16
795	Molecular diversity of fungal communities in agricultural soils from Lower Austria. <b>2010</b> , 44, 65-75	103
794	The genus <i>Macrolepiota</i> (Agaricaceae, Basidiomycota) in China. <b>2010</b> , 45, 81-98	29
793	Discrimination of three <i>Scrophularia</i> plants utilizing <i>Scrophularia Radix</i> by DNA markers based on internal transcribed spacer (ITS) sequences. <b>2010</b> , 32, 181-189	4
792	Soil fungal communities differ in native mixed forest and adjacent <i>Araucaria cunninghamii</i> plantations in subtropical Australia. <b>2010</b> , 10, 1278-1288	12
791	Diversity of fungal communities in saline and acidic soils in the Soos National Natural Reserve, Czech Republic. <b>2010</b> , 9, 1-15	37
790	The neglected hypogeous fungus <i>Hydnotrya bailii</i> Soehner (1959) is a widespread sister taxon of <i>Hydnotrya tulasnei</i> (Berk.) Berk. & Broome (1846). <b>2010</b> , 9, 195-203	16
789	Species recognition and phylogenetic relationships of European <i>Porodaedalea</i> (Basidiomycota, Hymenochaetales). <b>2010</b> , 9, 225-233	21
788	Four ectomycorrhizae of Pyronemataceae (Pezizomycetes) on Chinese Pine ( <i>Pinus tabulaeformis</i> ): morpho-anatomical and molecular-phylogenetic analyses. <b>2010</b> , 9, 267-280	15
787	A second species of <i>Botryolepraria</i> from the Neotropics and the phylogenetic placement of the genus within Ascomycota. <b>2010</b> , 9, 345-351	8
786	Placement of <i>Medeolaria farlowii</i> in the Leotiomycetes, and comments on sampling within the class. <b>2010</b> , 9, 361-368	13
785	A comparison between ITS phylogenetic relationships and morphological species recognition within <i>Mycena</i> sect. <i>Calodontes</i> in Northern Europe. <b>2010</b> , 9, 395-405	15
784	Delimitation of central and northern European species of the <i>Phellinus igniarius</i> group (Basidiomycota, Hymenochaetales) based on analysis of ITS and translation elongation factor 1 alpha DNA sequences. <b>2010</b> , 9, 431-445	22
783	A new <i>Ophiostoma</i> species from loblolly pine roots in the southeastern United States. <b>2010</b> , 9, 447-457	7
782	The phylogenetic position of <i>Obolarina dryophila</i> (Xylariales). <b>2010</b> , 9, 501-507	14
781	Phylogenetic relationships in genus <i>Geopora</i> (Pyronemataceae, Pezizales). <b>2010</b> , 9, 509-522	14
780	A molecular phylogeny of the <i>Lecanora varia</i> group, including a new species from western North America. <b>2010</b> , 9, 523-535	34

- 779 Morphological and molecular studies of *Hyphodermella* in the Western Mediterranean area. **2010**, 9, 585-596 13
- 778 Carbon nutrition of mature green orchid *Serapias strictiflora* and its mycorrhizal fungus *Epulorhiza* sp.. **2010**, 54, 97-104 10
- 777 Multilocus phylogenetic and coalescent analyses identify two cryptic species in the Italian bianchetto truffle, *Tuber borchii* Vittad.. **2010**, 11, 1453-1466 27
- 776 Nuclear ribosomal spacer regions in plant phylogenetics: problems and prospects. **2010**, 37, 1897-912 121
- 775 *Ophiostoma tsotsi* sp. nov., a wound-infesting fungus of hardwood trees in Africa. **2010**, 169, 413-23 28
- 774 Screening and selection of fungi for bioremediation of olive mill wastewater. **2010**, 26, 567-571 13
- 773 Effects of arbuscular mycorrhizal fungi on zinnia and the different colonization between *Gigaspora* and *Glomus*. **2010**, 26, 1527-1531 13
- 772 Isolation and characterization of a thermostable cellulase-producing *Fusarium chlamydosporum*. **2010**, 26, 1991-1997 23
- 771 Belowground interspecific competition in mixed boreal forests: fine root and ectomycorrhiza characteristics along stand developmental stage and soil fertility gradients. **2010**, 330, 73-89 60
- 770 Fungal community structure under goat willows (*Salix caprea* L.) growing at metal polluted site: the potential of screening in a model phytostabilisation study. **2010**, 330, 345-356 62
- 769 Is vegetation composition or soil chemistry the best predictor of the soil microbial community?. **2010**, 333, 417-430 84
- 768 Evaluation of the grapevine nursery propagation process as a source of *Phaeoacremonium* spp. and *Phaeoconiella chlamydospora* and occurrence of trunk disease pathogens in rootstock mother vines in Spain. **2010**, 126, 165-174 60
- 767 Spatiotemporal variation in the fungal community associated with wheat leaves showing symptoms similar to *stagonospora nodorum* blotch. **2010**, 126, 373-386 17
- 766 Eight microsatellite markers for *Armillaria cepistipes* and their transferability to other *Armillaria* species. **2010**, 127, 165-170 10
- 765 Diversity of microorganisms associated with atypical superficial blemishes of potato tubers and pathogenicity assessment. **2010**, 128, 353-371 16
- 764 Assessing the dynamic of microbial communities during leaf decomposition in a low-order stream by microscopic and molecular techniques. **2010**, 165, 351-62 56
- 763 Identification of airborne bacterial and fungal community structures in an urban area by T-RFLP analysis and quantitative real-time PCR. **2010**, 408, 1349-57 62
- 762 Bioaccumulation of silver in ectomycorrhizal and saprobic macrofungi from pristine and polluted areas. **2010**, 408, 2733-44 92

761	Converting Australian tropical rainforest to native Araucariaceae plantations alters soil fungal communities. <b>2010</b> , 42, 14-20	43
760	Bioaccumulation of gold in macrofungi and ectomycorrhizae from the vicinity of the Mokrsko gold deposit, Czech Republic. <b>2010</b> , 42, 83-91	32
759	Response of soil microbial communities to the herbicide mesotrione: A dose-effect microcosm approach. <b>2010</b> , 42, 193-202	107
758	No evidence that nitrogen enrichment affect fungal communities of <i>Vaccinium</i> roots in two contrasting boreal forest types. <b>2010</b> , 42, 234-243	37
757	The role of ectomycorrhizal communities in forest ecosystem processes: New perspectives and emerging concepts. <b>2010</b> , 42, 679-698	337
756	Indirect host effect on ectomycorrhizal fungi: Leaf fall and litter quality explain changes in fungal communities on the roots of co-occurring Mediterranean oaks. <b>2010</b> , 42, 788-796	75
755	Degradation of metalaxyl-M in contrasting soils is influenced more by differences in physicochemical characteristics than in microbial community composition after re-inoculation of sterilised soils. <b>2010</b> , 42, 1123-1131	16
754	Nitrogen alters carbon dynamics during early succession in boreal forest. <b>2010</b> , 42, 1157-1164	69
753	Resistance of microbial and soil properties to warming treatment seven years after boreal fire. <b>2010</b> , 42, 1872-1878	63
752	In situ dynamics of soil fungal communities under different genotypes of potato, including a genetically modified cultivar. <b>2010</b> , 42, 2211-2223	58
751	High diversity of root associated fungi in both alpine and arctic <i>Dryas octopetala</i> . <b>2010</b> , 10, 244	98
750	Characterization of two diesel fuel degrading microbial consortia enriched from a non acclimated, complex source of microorganisms. <b>2010</b> , 9, 10	44
749	Soil fungal communities as indicators for replanting new peach orchards in intensively cultivated areas. <b>2010</b> , 33, 188-196	45
748	Screening of basidiomycetes and gene expression of selected lignin modifying enzymes of <i>Phlebia radiata</i> during biodeterioration of three wood types. <b>2010</b> , 64, 545-553	7
747	Exothermic processes in industrial-scale piles of chipped pine-wood are linked to shifts in gamma-, alphaproteobacterial and fungal ascomycete communities. <b>2010</b> , 64, 629-637	24
746	An evolutionary perspective on morphological and ecological characters in the mushroom family <i>Inocybaceae</i> (Agaricomycotina, Fungi). <b>2010</b> , 55, 431-42	34
745	Genetic distances within and among species in monophyletic lineages of <i>Parmeliaceae</i> (Ascomycota) as a tool for taxon delimitation. <b>2010</b> , 56, 125-33	70
744	Molecular phylogenetics of porcini mushrooms ( <i>Boletus</i> section <i>Boletus</i> ). <b>2010</b> , 57, 1276-92	103

743	Bioconversion of dieldrin by wood-rotting fungi and metabolite detection. <b>2010</b> , 66, 888-91	17
742	Tuber melanosporum, when dominant, affects fungal dynamics in truffle grounds. <b>2010</b> , 185, 237-47	65
741	Potential link between plant and fungal distributions in a dipterocarp rainforest: community and phylogenetic structure of tropical ectomycorrhizal fungi across a plant and soil ecotone. <b>2010</b> , 185, 529-42	166
740	Distribution and abundance of the introduced ectomycorrhizal fungus <i>Amanita phalloides</i> in North America. <b>2010</b> , 185, 803-16	61
739	Seasonally dynamic fungal communities in the <i>Quercus macrocarpa</i> phyllosphere differ between urban and nonurban environments. <b>2010</b> , 186, 496-513	158
738	Spatial and temporal ecology of Scots pine ectomycorrhizas. <b>2010</b> , 186, 755-68	110
737	DNA barcoding of arbuscular mycorrhizal fungi. <b>2010</b> , 187, 461-474	204
736	Phylogenetic and ecological analyses of soil and sporocarp DNA sequences reveal high diversity and strong habitat partitioning in the boreal ectomycorrhizal genus <i>Russula</i> (Russulales; Basidiomycota). <b>2010</b> , 187, 494-507	40
735	Production of ectomycorrhizal mycelium peaks during canopy closure in Norway spruce forests. <b>2010</b> , 187, 1124-1134	132
734	<sup>15</sup> N and <sup>13</sup> C natural abundance of two mycoheterotrophic and a putative partially mycoheterotrophic species associated with arbuscular mycorrhizal fungi. <b>2010</b> , 188, 590-6	50
733	Optimization of sampling procedures for DNA-based diagnosis of wood decay fungi in standing trees. <b>2010</b> , 51, 90-7	20
732	Screen of micro-organisms for inducing the production of dragon's blood by leaf of <i>Dracaena cochinchinensis</i> . <b>2010</b> , 51, 504-10	13
731	Effect of hot-water treatments in vitro on conidial germination and mycelial growth of grapevine trunk pathogens. <b>2010</b> , 156, 231-241	15
730	The Weaver Wasp: Spinning Fungus into a Nest. <b>2010</b> , 42, 402-404	1
729	Repeated evolution of crop theft in fungus-farming ambrosia beetles. <b>2010</b> , 64, 3205-12	61
728	Soil analysis reveals the presence of an extended mycelial network in a <i>Tuber magnatum</i> truffle-ground. <b>2010</b> , 71, 43-9	46
727	Microbial diversity and activity are increased by compost amendment of metal-contaminated soil. <b>2010</b> , 71, 94-105	46
726	The ectomycorrhizal community in natural <i>Tuber borchii</i> grounds. <b>2010</b> , 72, 250-60	46

725	Performance of the COX1 gene as a marker for the study of metabolically active Pezizomycotina and Agaricomycetes fungal communities from the analysis of soil RNA. <b>2010</b> , 74, 693-705	24
724	Solopathogenic strain formation strongly differs among Ustilaginaceae species. <b>2010</b> , 305, 121-7	5
723	A molecular probe for Basidiomycota: the spermidine synthase-saccharopine dehydrogenase chimeric gene. <b>2010</b> , 312, 77-83	6
722	Influence of indigenous eukaryotic microbial communities on the reduction of Escherichia coli O157:H7 in compost slurry. <b>2010</b> , 313, 148-54	8
721	Comparison of functional properties of two fungal antifreeze proteins from Antarctomyces psychrotrophicus and Typhula ishikariensis. <b>2010</b> , 277, 394-403	69
720	Teratosphaeria pseudoeucalypti, new cryptic species responsible for leaf blight of Eucalyptus in subtropical and tropical Australia. <b>2010</b> , 59, 900-912	21
719	Phenotypic and genetic characterization of Colletotrichum isolates from Belgian strawberry fields. <b>2010</b> , 59, 853-861	23
718	Table_7.DOCX. <b>2019</b> ,	
717	Table_1.docx. <b>2019</b> ,	
716	Table_1.xlsx. <b>2019</b> ,	
715	Table_2.XLSX. <b>2019</b> ,	
714	Data_Sheet_1.pdf. <b>2018</b> ,	
713	Table_1.XLSX. <b>2018</b> ,	
712	Table_2.xlsx. <b>2018</b> ,	
711	Table_3.xlsx. <b>2018</b> ,	
710	Data_Sheet_1.pdf. <b>2020</b> ,	
709	Data_Sheet_1.XLSX. <b>2020</b> ,	
708	Data_Sheet_2.XLSX. <b>2020</b> ,	

707 Data\_Sheet\_3.XLSX. 2020,

706 Data\_Sheet\_4.XLSX. 2020,

705 Data\_Sheet\_5.XLSX. 2020,

704 Data\_Sheet\_6.XLSX. 2020,

703 Data\_Sheet\_7.docx. 2020,

702 Table\_1.docx. 2020,

701 Data\_Sheet\_1.docx. 2020,

700 Image\_1.pdf. 2018,

699 Data\_Sheet\_1.PDF. 2019,

698 Table\_1.DOCX. 2018,

697 Table\_2.DOCX. 2018,

696 Table\_3.DOCX. 2018,

695 Table\_4.DOCX. 2018,

694 Table\_5.DOCX. 2018,

693 Table\_6.DOCX. 2018,

692 Table\_7.DOCX. 2018,

691 Table\_8.DOCX. 2018,

690 Data\_Sheet\_1.docx. 2019,

689 Data\_Sheet\_2.zip. **2019,**

688 Data\_Sheet\_3.zip. **2019,**

687 Image\_1.pdf. **2019,**

686 Image\_2.pdf. **2019,**

685 Image\_3.tif. **2019,**

684 Image\_4.pdf. **2019,**

683 Image\_5.pdf. **2019,**

682 Image\_6.pdf. **2019,**

681 Image\_7.pdf. **2019,**

680 Image\_8.pdf. **2019,**

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

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

677 Table\_3.xlsx. **2019,**

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

675 Table\_5.xlsx. **2019,**

674 Table\_6.xlsx. **2019,**

673 Table\_7.xlsx. **2019,**

672 Table\_8.xlsx. **2019,**

671 Table\_9.xlsx. 2019,

670 Data\_Sheet\_1.pdf. 2019,

669 Presentation\_1.pdf. 2018,

668 Table\_1.XLSX. 2018,

667 Table\_2.XLSX. 2018,

666 Image\_1.TIFF. 2018,

665 Image\_2.TIFF. 2018,

664 Image\_3.TIFF. 2018,

663 Image\_4.TIFF. 2018,

662 Data\_Sheet\_1.pdf. 2018,

661 Data\_Sheet\_2.xlsx. 2018,

660 Data\_Sheet\_1.docx. 2019,

659 Image\_1.PNG. 2019,

658 Image\_3.PNG. 2019,

657 Table\_1.docx. 2019,

656 Table\_2.DOCX. 2019,

655 Table\_3.DOCX. 2019,

654 Table\_4.DOCX. 2019,



653 Table\_5.DOCX. 2019,

652 Table\_6.DOCX. 2019,

651 Table\_7.XLSX. 2019,

650 Data\_Sheet\_1.PDF. 2020,

649 Data\_Sheet\_1.pdf. 2019,

648 Table\_1.pdf. 2019,

647 Table\_2.xlsx. 2019,

646 Table\_3.xlsx. 2019,

645 Data\_Sheet\_1.doc. 2018,

644 Image\_1.JPEG. 2019,

643 Table\_1.DOCX. 2019,

642 Table\_2.DOCX. 2019,

641 Table\_3.docx. 2019,

640 Table\_4.DOCX. 2019,

639 Table\_5.DOCX. 2019,

638 Data\_Sheet\_1.docx. 2018,

637 Image\_1.pdf. 2018,

636 Image\_2.pdf. 2018,

635 Table\_1.pdf. **2018**,

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

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

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

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

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

629 Table\_1.XLSX. **2019**,

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

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

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

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

624 Data\_Sheet\_1.PDF. **2020**,

623 Data\_Sheet\_2.XLSX. **2020**,

622 Data\_Sheet\_3.XLSX. **2020**,

621 Data\_Sheet\_4.XLSX. **2020**,

620 Data\_Sheet\_5.XLSX. **2020**,

619 Data\_Sheet\_6.XLSX. **2020**,

618 Data\_Sheet\_1.xlsx. **2020**,

617 Data\_Sheet\_1.xlsx. **2019,**

616 Data\_Sheet\_2.docx. **2019,**

615 Data\_Sheet\_1.PDF. **2018,**

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

613 Image\_2.JPEG. **2020,**

612 Image\_3.JPEG. **2020,**

611 Image\_4.JPEG. **2020,**

610 Image\_5.JPEG. **2020,**

609 Image\_6.JPEG. **2020,**

608 Image\_7.JPEG. **2020,**

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

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

605 Image\_2.JPEG. **2020,**

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

603 Image\_2.JPEG. **2020,**

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

601 Image\_1.JPEG. **2018,**

600 Image\_2.JPEG. **2018,**

599 Table\_1.doc. **2018**,

598 Table\_2.doc. **2018**,

597 Table\_3.doc. **2018**,

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

595 Data\_Sheet\_1.doc. **2018**,

594 Image\_1.JPEG. **2018**,

593 Presentation\_1.PDF. **2018**,

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

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

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

589 Table\_4.xlsx. **2018**,

588 Table\_5.xlsx. **2018**,

587 Table\_6.xlsx. **2018**,

586 Table\_7.xlsx. **2018**,

585 Table\_8.xlsx. **2018**,

584 DataSheet\_1.zip. **2019**,

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

582 Data\_Sheet\_1.docx. **2018**,

581 Data\_Sheet\_1.ZIP. 2020,

580 Isolation and characterization of wood-decomposing basidiomycetes from the Andean Forest in BoyacáColombia.. 2022, 1

579 Biofilm assemblage and activity on plastic in urban streams at a continental scale: Site characteristics are more important than substrate type.. 2022, 155398

578 Trophic interactions between predatory protists and pathogen-suppressive bacteria impact plant health.. 2022,

577 New genera, species, and combinations of Boletaceae from Brazil and Guyana.. 2022, 1-19

576 Symbiosis and pathogenicity of *Geosmithia* and *Talaromyces* spp. associated with the cypress bark beetles *Phloeosinus* spp. and their parasitoids.. 2022,

575 Asymmetric belowground carbon transfer in a diverse tree community.. *Molecular Ecology*, 2022,

574 Effect of dry matter content on the microbial community and on the effectiveness of a microbial inoculant to improve the aerobic stability of corn silage.. 2022,

573 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

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

571 Insights into the microbiome assembly during different growth stages and storage of strawberry plants.. 2022, 17, 21

570 Efficacy of soil-borne entomopathogenic fungi against subterranean termite, *Coptotermes curvignathus* Holmgren (*Isoptera*: *Rhinotermitidae*). 2022, 32,

569 Addition of fungal inoculum increases germination of orchid seeds in restored grasslands. 2022,

568 *Clitopiloides prati* and *Trichopilus lecythiformis* spp. nov. from Australia. 2022, 137, 51-61

567 Coprinoid *Psathyrellaceae* species from Cyprus: three new sabulicolous taxa from sand dunes and a four-spored form of the fimicolous species *Parasola cuniculorum*. 2022, 21,

566 *Marasmius tageticolor* and *M. tucumanus* from the Dominican Republic. 2022, 137, 153-169

565 *Phaeocollybia chefensis* sp. nov. and new synonyms for *P. rifflipes*, *P. rufotubulina*, and *P. tibiikauffmanii*. 2022, 137, 1-30

564 Long-Term Compost Amendment Spurs Cellulose Decomposition by Driving Shifts in Fungal Community Composition and Promoting Fungal Diversity and Phylogenetic Relatedness.. 2022, e0032322

- 563 Taxonomy and phylogeny of the phlegmacioid clade Camptori (*Cortinarius* s.l., Basidiomycota) in Europe with description of four new species. **2022**, 21,
- 562 Salt-tolerant plant moderates the effect of salinity on soil organic carbon mineralization in a subtropical tidal wetland.. **2022**, 155855 ○
- 561 Three New Species of Hypoxylon (*Xylariales*, Ascomycota) on a Multigene Phylogeny from Medog in Southwest China. **2022**, 8, 500 ○
- 560 Fungal endophytes and origins of decay in beech (*Fagus sylvatica*) sapwood. **2022**, 101161 1
- 559 Fungal association and root morphology shift stepwise during ontogenesis of orchid *Cremastra appendiculata* towards autotrophic nutrition. ○
- 558 Phylogeny of *Crepidotus applanatus* Look-Alikes Reveals a Convergent Morphology Evolution and a New Species *C. pini*. **2022**, 8, 489
- 557 Amplicon-Based Analysis of the Fungal Diversity across Four Kenyan Soda Lakes.. **2022**, 2022, 9182034
- 556 Lichen cell factories: methods for the isolation of photobiont and mycobiont partners for defined pure and co-cultivation.. **2022**, 21, 80 1
- 555 Two distinct leaf anthracnose disease infections in hybrid *Liriodendron* trees in northern China. 1
- 554 Global phylogeny of the Shiitake mushroom and related *Lentinula* species uncovers novel diversity and suggests an origin in the Neotropics.. **2022**, 107494 ○
- 553 and : New pine-associated species from eastern North America.. **2022**, 1-12
- 552 *Ceratocystiopsis quercina* sp. nov. Associated with *Platypus cylindrus* on Declining *Quercus suber* in Portugal. **2022**, 11, 750 ○
- 551 *Russula* (*Russulales*, *Agaricomycetes*) associated with *Pinus* spp. plantations from northeastern Argentina. 73,
- 550 Characterization and microsatellite marker development for a common bark and ambrosia beetle associate, *Geosmithia obscura*. **2022**, 11, ○
- 549 Insights into the Profile of the Human Expiratory Microbiota and Its Associations with Indoor Microbiotas.. **2022**, 1
- 548 Identification, pathogenicity and community dynamics of fungi and oomycetes associated with pea root rot in northern France. ○
- 547 species infecting sunflower () in Russia, with the description of two new species.. **2022**, 1-19
- 546 Mode of action of potential biocontrol agents against species and .. **2022**, 1-11 1

- 545 From cradle to grave? A global hotspot and new species of the genus *Lobaria* discovered in the Himalayas and the Hengduan Mountains. **2022**, 1
- 544 Spatiotemporal Profiling of Seed-Associated Microbes of an Aquatic, Intermediate Recalcitrant Species, *Zizania palustris* L. and the Impact of Anti-Microbial Seed Treatments. 1
- 543 *Aphelidium parallelum*, sp. nov., a new aphelid parasitic on selenastracean green algae. 1-12 0
- 542 First report of *Gnomoniopsis smithogilvyi* causing chestnut brown rot on nuts and burrs of sweet chestnut in Spain. 1
- 541 The circumscription and phylogenetic position of *Bryonora* (Lecanoraceae, Ascomycota), with two additions to the genus. 1-17 0
- 540 Metagenomic next-generation sequencing (mNGS) data reveals the phyllosphere microbiome of wheat plants infected by the fungal pathogen *Zymoseptoria tritici*. 1
- 539 Fungal community dynamics associated with harmful cyanobacterial blooms in two Great Lakes. **2022**, 0
- 538 Ectomycorrhizal synthesis between two *Tuber* species and six tree species: are different host-fungus combinations having dissimilar impacts on host plant growth?. 0
- 537 First Report of Fungal Endophyte Communities and Non-Defensive Phytochemistry of Biocontrol-Inoculated Whitebark Pine Seedlings in a Restoration Planting. **2022**, 13, 824 0
- 536 Shift of fungal community composition in response to exogenous C application associated with soil properties after 10-year field experiment in black soil of China. 0
- 535 A Comparative Study on the Phenotypic Versus Molecular Identification of Clinical Dermatophytes. 0
- 534 Soil Microbial Distribution Depends on Different Types of Landscape Vegetation in Temperate Urban Forest Ecosystems. **2022**, 10, 0
- 533 Environmental factors and host genetic variation shape the fungal endophyte communities within needles of Scots pine (*Pinus sylvestris*). **2022**, 57-58, 101162 1
- 532 Effects of soil protists on the antibiotic resistome under long term fertilization. **2022**, 307, 119516 1
- 531 Characterization of a novel alternavirus infecting the fungal pathogen *Fusarium solani*. **2022**, 317, 198817 1
- 530 Sourdough performances of the golden cereal *Triticum aestivum*: Dynamics of microbial ecology, biochemical and nutritional features. **2022**, 374, 109725 1
- 529 Association between gut microbiota and prediabetes in people living with HIV. **2022**, 3, 100143 0
- 528 Species diversity, phylogeny, endemism and geography of the truffle genus *Tuber* in China based on morphological and molecular data. **2022**, 0

- 527 Additions to the List of Graphidaceae (Lichenized Ascomycetes) in Pakistan. **2022**, 49, 14-20 1
- 526 Evaluation of lake sedimentary ancient DNA metabarcoding to assess fungal biodiversity in Arctic paleoecosystems. 0
- 525 Mitospore formation on pure cultures of *Tuber japonicum* (Tuberaceae, Pezizales) in vitro. 1
- 524 Habitat Protection Approaches Facilitate Conservation of Overlooked Fungal Diversity | A Case Study From the Norwegian Coastal Heathland System. 3,
- 523 Species of the common discomycete genus *Bisporella* reassigned to at least four genera. 1-19 0
- 522 Comparative genomic analysis reveals cellulase plays an important role in the pathogenicity of *Setosphaeria turcica* f. sp. *zeae*. **2022**,
- 521 Diversity and Metabolic Activity of Fungi Causing Biodeterioration of Canvas Paintings. **2022**, 8, 589
- 520 Molecular phylogenetic analyses and micromorphology reveal placement of the enigmatic tropical discomycete *Polydiscidium* in *Sclerococcum* (Sclerococcales, Eurotiomycetes). 1-16
- 519 *Hagnosa longicapillata*, gen. nov., sp. nov., a New Sordariaceous Ascomycete in the Indoor Environment, and the Proposal of *Hagnosaceae* fam. nov.. **2022**, 11, 593
- 518 Hidden in the tropics: *Retiperidiolia* gen. nov., a new genus of bird's nest fungi (Nidulariaceae), and a systematic study of the genus *Mycocalia*. **2022**, 21, 0
- 517 Mycoparasitic *Trichoderma* isolates as a biocontrol agent against *Valsa ceratosperma*, the causal agent of apple *valsa* canker. 0
- 516 *Ramalina digitellata*, A New Lichen Record for Türkiye.
- 515 Meroterpenoids Possibly Produced by a Bacterial Endosymbiont of the Tropical Basidiomycete *Echinochaete brachypora*. **2022**, 12, 755
- 514 *Amanita* Section *Phalloideae* Species in the Mediterranean Basin: Destroying Angels Reviewed. **2022**, 11, 770
- 513 Litter Mixing Alters Microbial Decomposer Community to Accelerate Tomato Root Litter Decomposition. 1
- 512 Two new species of *Sistotrema* s.l. (*Cantharellales*) from Japan with descriptions of their ectomycorrhizae. **2022**, 63, 102-117 0
- 511 Identification and Characterization of a Multifunctional Biocontrol Agent, *Streptomyces griseorubiginosus* LJS06, Against Cucumber Anthracnose. **2022**, 13, 1
- 510 Spatiotemporal and ontogenetic variation, microbial selection, and predicted antifungal function in the skin-associated microbiome of a Rocky Mountain amphibian.



- 509 Drought tolerance traits in Neotropical trees correlate with the composition of phyllosphere fungal communities. 1
- 508 Three New Species of *Cystolepiota* from Laos and Thailand. **2022**, 14, 449
- 507 First Report of Anthracnose on *Juglans regia* Caused by *Colletotrichum siamense* in Korea.
- 506 Grapevine trunk diseases of cold-hardy varieties grown in Northern Midwest vineyards coincide with canker fungi and winter injury. **2022**, 17, e0269555 0
- 505 *Ceratocystiopsis* spp. associated with pine- and spruce-infesting bark beetles in Norway. **2022**, 21, 0
- 504 Bacterial extracellular polymeric substances: Impact on soil microbial community composition and their potential role in heavy metal-contaminated soil. **2022**, 240, 113701 0
- 503 Tillage Practices and Residue Management Manipulate Soil Bacterial and Fungal Communities and Networks in Maize Agroecosystems. **2022**, 10, 1056 1
- 502 Partial Organic Fertilizer Substitution Promotes Soil Multifunctionality by Increasing Microbial Community Diversity and Complexity. **2022**, 0
- 501 Identification and pathogenicity of *Alternaria alternata* causing leaf blight of *Bacopa monnieri* (L.) Wettst. and its biocontrol by *Trichoderma* species in agrifields--an ecofriendly approach. **2022**, 100406
- 500 Effects of nanofertilizer and nano-plant hormone on soil chemical properties and microbial community in two different soil types. **2022**,
- 499 Microbial Diversity and Interaction Specificity in Kombucha Tea Fermentations. 1
- 498 Arbuscular Mycorrhizal Fungi and Soil Quality Indicators in *Eucalyptus* genotypes With Different Drought Tolerance Levels. 3,
- 497 Genetic diversity analysis of *Exobasidium vexans* causing tea blister blight in Wonosobo, Central Java, Indonesia using RAPD markers. 1-16
- 496 Impacts of Host Genotype and Grafting on Root, Rhizosphere, and Core Microbiomes in *Theobroma cacao* Seedlings.
- 495 L-Asparaginase from *Penicillium sizovae* Produced by a Recombinant *Komagataella phaffii* Strain. **2022**, 15, 746 0
- 494 Combined transcriptome and metabolome analysis of *Nerium indicum* L. elaborates the key pathways that are activated in response to witches broom disease. **2022**, 22, 0
- 493 Analysis of Fungal Microbiomes in Edible Medicinal *Morinda officinalis* Radix and *Alpinia oxyphylla* Fructus Using DNA Metabarcoding. **2022**, 11, 1748 0
- 492 Seed vitality and fungal contamination in *Abies nebrodensis*. 1-10 1

- 491 Trait relationships of fungal decomposers in response to drought using a dual field and laboratory approach. **2022**, 13, ○
- 490 *Cryptostylis* species (Orchidaceae) from a broad geographic and habitat range associate with a phylogenetically narrow lineage of Tulasnellaceae fungi. **2022**,
- 489 Loop-mediated isothermal amplification (LAMP) for rapid and easy identification of *Omphalotus japonicus*. **2022**, 100115
- 488 *Diaporthe citri*: A Fungal Pathogen Causing Melanose Disease. **2022**, 11, 1600 1
- 487 Biocontrol of *Botrytis cinerea* and promotion of tomato growth by local soil-borne *Bacillus* isolates. **2022**, 109, 157-164
- 486 First Report of Dutch Elm Disease Caused by *Ophiostoma novo-ulmi* in South Korea. **2022**, 13, 968
- 485 *Gomphocantharellus*, a new genus of Gomphales. 1-9
- 484 *Pluteus insidiosus* Complex, Four New Species Described and *Pluteus reisneri* Resurrected. **2022**, 8, 623 ○
- 483 Mesoamerican *Cypripedium*: Mycorrhizal Contributions to Promote Their Conservation as Critically Endangered Species. **2022**, 11, 1554 ○
- 482 Ecological Drivers of the Soil Microbial Diversity and Composition in Primary Old-Growth Forest and Secondary Woodland in a Subtropical Evergreen Broad-Leaved Forest Biome in the Ailao Mountains, China. 13, ○
- 481 Four New Species of *Harringtonia*: Unravelling the Laurel Wilt Fungal Genus. **2022**, 8, 613 ○
- 480 Biotization of highbush blueberry with ericoid mycorrhizal and endophytic fungi improves plant growth and vitality. 1
- 479 Fungal Communities of the Pine Wilt Disease Complex: Studying the Interaction of *Ophiostomatales* With *Bursaphelenchus xylophilus*. 13, ○
- 478 7-Hydroxy-2-octenoic acid-ethyl ester mixture as an UV protectant secondary metabolite of an endolichenic fungus isolated from *Menegazzia terebrata*. **2022**, 204,
- 477 A phylogenetic overview of *Squamanita*, with descriptions of nine new species and four new combinations. 1-29
- 476 Phylogenetic Analysis Reveals Four New Species of *Otidea* from China. **2022**, 11, 866
- 475 Genetic analysis of *Colletotrichum siamense* populations from different hosts and counties in Hainan, China using microsatellite markers.
- 474 The Diversity of Soil Bacteria and Fungi Under Altered Nitrogen and Rainfall Patterns in a Temperate Steppe. 13,

- 473 Rapid sourdough yeast identification using panfungal PCR combined with high resolution melting analysis. **2022**, 199, 106522 0
- 472 Wheat cover crop alters soil microbial community and increases cucumber yield under different potassium regimes. **2022**, 139, 126567 1
- 471 Soil macrofauna and microbial communities respond in similar ways to management drivers in an irrigated maize system of Colorado (USA). **2022**, 178, 104562
- 470 Fungal biodiversity in commercial table olive packages. **2022**, 107, 104082 2
- 469 Interaction between growth environment and host progeny shape fungal endophytic assemblages in transplanted *Fagus sylvatica*. **2022**, 60, 101175 0
- 468 Soil Microbiome Signatures are Associated with Pesticide Residues in Arable Landscapes.
- 467 An insight into the study methods of aquatic fungi. **2022**, 229-246
- 466 Fungal Infection on Sea Turtle Eggs in the Sea Turtle Hatcheries in Peninsular Malaysia.
- 465 Fungal Hyphae Regulate Bacterial Diversity and Plasmid-Mediated Functional Novelty During Range Expansion.
- 464 Biomonitoring of Fungal and Oomycete Plant Pathogens by Using Metabarcoding. **2022**, 309-346
- 463 Three new records of lichenised fungi for Antarctica. **2022**, 58, 0
- 462 Detection and Identification of the Causal Agents of Dothistroma Needle Blight. **2022**, 155-166
- 461 Short-Term Effects of Retention Forestry on the Diversity of Root-Associated Ectomycorrhizal Fungi in Sakhalin Fir Plantations, Hokkaido, Japan.
- 460 *Umbilicaria phaea* var. *coccinea*: conservation status, variety rank, and secondary chemistry. **2022**, 125,
- 459 *Rhizocarpon ozsoyae* sp. nova (Rhizocarpaceae, lichenized Ascomycetes) from James Ross Island (Antarctic Peninsula). **2022**, 35, 0
- 458 *Agaricus macrochlamys*, a New Species from the (Sub)tropical Cloud Forests of North America and the Caribbean, and *Agaricus fiardii*, a New Synonym of *Agaricus subrufescens*. **2022**, 8, 664
- 457 Unique Pakistani gut microbiota highlights population-specific microbiota signatures of type 2 diabetes mellitus.
- 456 *Peltigera frigida* Lichens and Their Substrates Reduce the Influence of Forest Cover Change on Phosphate Solubilizing Bacteria. 13, 1

- 455 Diversity of Ectomycorrhizal Fungi in Young Pedunculate Oak Stand from Morović, Serbia. **2022**, 13, 19-25 0
- 454 Long-Term Organic/Inorganic Fertilization Regimes Alter Bacterial and Fungal Communities and Rice Yields in Paddy Soil. 13, 0
- 453 First Report of Yeast-Spot Disease of Soybean Seeds Caused by *Eremothecium coryli* in Serbia. 0
- 452 *Fusarium abutilonis* and *F. guadeloupense*, two novel species in the *Fusarium buharicum* clade supported by multilocus molecular phylogenetic analyses. **2022**, 114, 682-696 0
- 451 Morpho-molecular characterization, diversity analysis and antagonistic activity of *Trichoderma* isolates against predominant soil born pathogens. 0
- 450 Potential of indigenous ligno-cellulolytic microbial consortium to accelerate degradation of heterogenous crop residues. 0
- 449 Taxonomy and phylogeny of *Paramarasmius* gen. nov. and *Paramarasmius mesosporus*, a worldwide distributed fungus with a strict ecological niche. 1-12 0
- 448 A New Muscarine-Containing *Inosperma* (Inocybaceae, Agaricales) Species Discovered From One Poisoning Incident Occurring in Tropical China. 13, 0
- 447 Shifts in understory plant composition induced by nitrogen addition predict soil fungal beta diversity in a boreal forest. 0
- 446 Microbial mediation of salinity stress response varies by plant genotype and provenance over time. *Molecular Ecology*, 5:7 1
- 445 *Russula kashmiriana* sp. nov. in subgenus *Tenellula* from Himalayan temperate forests of Pakistan. 0
- 444 Controlled natural selection of soil microbiome through plant-soil feedback confers resistance to a foliar pathogen. 0
- 443 Distinct and Temporally Stable Assembly Mechanisms Shape Bacterial and Fungal Communities in Vineyard Soils. 0
- 442 Studies on European rust fungi, Pucciniales: molecular phylogeny, taxonomy, and nomenclature of miscellaneous genera and species in Pucciniaceae and Coleosporiaceae. **2022**, 21, 1
- 441 Agricultural management and pesticide use reduce the functioning of beneficial plant symbionts. 2
- 440 *Coprinopsis afrocinerea* (Agaricales, Psathyrellaceae): First record from Asia (Pakistan). 0
- 439 Biogeographic history of a large clade of ectomycorrhizal fungi, the Russulaceae, in the Neotropics and adjacent regions. 2
- 438 Phylogeny and pathogenicity of *Colletotrichum lindemuthianum* causing anthracnose of *Phaseolus vulgaris* cv. Bhaderwah-Rajmash from northern Himalayas, India. **2022**, 12, 0

437	Diversity of <i>Colletotrichum</i> Species Causing Apple Bitter Rot and <i>Glomerella</i> Leaf Spot in China. <b>2022</b> , 8, 740	4
436	Sulfate-reducing bioreactors subjected to high sulfate loading rate or acidity: variations in microbial consortia. <b>2022</b> , 12,	0
435	Culturable Endophytic Fungi in <i>Fraxinus excelsior</i> and Their Interactions with <i>Hymenoscyphus fraxineus</i> . <b>2022</b> , 13, 1098	0
434	Two New Records of Genus <i>Lepiota</i> (Agaricaceae) from Pakistan.	
433	Effects of Tree Composition and Soil Depth on Structure and Functionality of Belowground Microbial Communities in Temperate European Forests. 13,	0
432	Surface Functionalization of Bamboo with Silver-Reduced Graphene Oxide Nanosheets to Improve Hydrophobicity and Mold Resistance. <b>2022</b> , 12, 980	0
431	Absence of Bacteria Permits Fungal Gut-To-Brain Translocation and Invasion in Germfree Mice but Ageing Alone Does Not Drive Pathobiont Expansion in Conventionally Raised Mice. 14,	
430	Phototrophic and fungal communities inhabiting the Roman cryptoporticus of the national museum Machado de Castro (UNESCO site, Coimbra, Portugal). <b>2022</b> , 38,	0
429	Strategies for the Identification and Assessment of Bacterial Strains with Specific Probiotic Traits. <b>2022</b> , 10, 1389	3
428	Spatially resolved host-bacteria-fungi interactomes via spatial metatranscriptomics.	0
427	Dominant microbial communities and biochemical profile of pulped natural fermented coffees growing in different altitudes. <b>2022</b> , 159, 111605	2
426	Tree species identity is the predominant modulator of the effects of soil fauna on leaf litter decomposition. <b>2022</b> , 520, 120396	0
425	Exploring the diversity and potential interactions of bacterial and fungal endophytes associated with different cultivars of olive ( <i>Olea europaea</i> ) in Brazil. <b>2022</b> , 263, 127128	1
424	Co-invading ectomycorrhizal fungal succession in pine-invaded mountain grasslands. <b>2022</b> , 60, 101176	0
423	Comparative genomic analysis reveals cellulase plays an important role in the pathogenicity of <i>Setosphaeria turcica</i> f. sp. <i>zeae</i> . 13,	0
422	<i>Iqbalia kashmirensis</i> gen. et sp. nov. from Pakistan (Teloschistaceae, lichenized ascomycetes) based on multigene phylogeny. <b>2022</b> , 21,	1
421	Plant genetic effects on microbial hubs impact host fitness in repeated field trials. <b>2022</b> , 119,	0
420	Updated taxonomy of Chinese <i>Clavaria</i> subg. <i>Syncoryne</i> (Clavariaceae, Agaricales): description of two new species and one newly recorded species. <b>2022</b> , 21,	

- 419 First record of *Lactocollybia variicystis* from Asia. **2022**, 137, 335-344
- 418 Holarctic Species in the *Pluteus romellii* Clade. Five New Species Described and Old Names Reassessed. **2022**, 8, 773 1
- 417 Conversion of natural grassland to cropland alters microbial community assembly across northern China. 1
- 416 Fungal bioremediation of agricultural wastewater in a long-term treatment: biomass stabilization by immobilization strategy. **2022**, 439, 129614 0
- 415 Integrative Biodiversity Inventories: Characterizing Lichen-Forming Fungal Diversity in Glen Canyon National Recreation Area Using DNA Barcoding and Vouchered Specimens. **2022**, 82, 0
- 414 *Colletotrichum* Species Associated with Anthracnose Disease of Watermelon (*Citrullus lanatus*) in China. **2022**, 8, 790 2
- 413 Identification and characterization of two new Gymnosporangium species causing rust on *Juniperus rigida* in China. 1-11 0
- 412 Verrucariaceae from Nepal. **2022**, 54, 139-174 1
- 411 Resolving the phylogenetic relationship between *Parmotrema crinitum* and *Parmotrema perlatum* populations. **2022**, 54, 183-194
- 410 Effective biofertilizer *Trichoderma* spp. isolates with enzymatic activity and metabolites enhancing plant growth. 1
- 409 Phylogeny of *Agaricus* subgenus *Pseudochitonina* with the description of a new section and a new species from Oman. **2022**, 21,
- 408 Novel Exopolysaccharide from Marine *Bacillus subtilis* with Broad Potential Biological Activities: Insights into Antioxidant, Anti-Inflammatory, Cytotoxicity, and Anti-Alzheimer Activity. **2022**, 12, 715 0
- 407 *Coprinus leucostictus* Rediscovered after a Century, Epitypified, and Its Generic Position in *Hausknechtia* Resolved by Multigene Phylogenetic Analysis of *Psathyrellaceae*. **2022**, 14, 699
- 406 *Rhizomaticola guizhouensis* gen. et sp. nov. and Five *Rosellinia* Like Species Isolated from Decaying Wood. **2022**, 14, 703
- 405 Fungal endophytes affecting the health and recovery of Longleaf Braya (*Braya longii*) and Fernald Braya (*Braya fernaldii*), endangered endemic species of Newfoundland, Canada.
- 404 A New Cryptic Lineage in *Parmeliaceae* (Ascomycota) with Pharmacological Properties. **2022**, 8, 826
- 403 Türkiye'den Batı Akdeniz bölgesinden yeni bir kayış, *Melanoleuca tristis* (Bazidiyomikota, Agaricales).
- 402 Stronger responses of soil protistan communities to legacy mercury pollution than bacterial and fungal communities in agricultural systems. **2022**, 2,

- 401 Effects of rape/common vetch intercropping on biomass, soil characteristics, and microbial community diversity. 10,
- 400 New studies on *Apiospora* (Amphisphaeriales, Apiosporaceae): epitypification of *Sphaeria* *apiospora*, proposal of *Ap. marianiae* sp. nov. and description of the asexual morph of *Ap. sichuanensis*. 92, 63-78 ○
- 399 Long-term watermelon continuous cropping leads to drastic shifts in soil bacterial and fungal community composition across gravel mulch fields. **2022**, 22, ○
- 398 Taxonomy of *Buellia* *epigaea*-group (Caliciales, Caliciaceae), revealing a new species and two new records from China. 92, 45-62
- 397 ITS rDNA Barcodes Clarify Molecular Diversity of Aquatic Hyphomycetes. **2022**, 10, 1569
- 396 Fungal succession on the decomposition of three plant species from a Brazilian mangrove. **2022**, 12,
- 395 Optimisation of working parameters for lactic acid bacteria and yeast recovery from table olive biofilms, preserving fruit integrity and reducing chloroplast recovery. **2022**, 166, 113787 1
- 394 Medium-distance soil foragers dominate the *Pinus hartwegii* ectomycorrhizal community at the 3900 m Neotropical treeline. ○
- 393 Tar Spot of Corn: A Diagnostic and Methods Guide.
- 392 Land Use, Microorganisms, and Soil Organic Carbon: Putting the Pieces Together. **2022**, 14, 638 ○
- 391 Distribution of the gyromitrin mycotoxin in the lorchel family assessed by a pre-column-derivatization and ultra high-performance liquid chromatography method.
- 390 Two new species of *Amanita* section *Amanita* from Central China. **2022**, 21,
- 389 Seven Unrecorded Indigenous Fungi from Mudeungsan National Park in Korea. 1-10
- 388 Diversity, migration routes, and worldwide population genetic structure of *Lecanosticta acicola*, the causal agent of brown spot needle blight. ○
- 387 The potential of the *Beauveria bassiana* MHK isolate for mosquito larval control.
- 386 Isolation and Identification of Ice Nucleation Active *Fusarium* Strains from Rapid Apple Declined Trees in Korea. **2022**, 38, 403-409
- 385 Comparative Analyses of Bioactive Compounds in *Inonotus obliquus* Conks Growing on *Alnus* and *Betula*. **2022**, 12, 1178 1
- 384 Molecular phylogenetic assessment of the genus *Scutellinia* (Pezizales: Pyronemataceae). 1-11

- 383 Nitrophobic ectomycorrhizal fungi are associated with enhanced hydrophobicity of soil organic matter in a Norway spruce forest. **2022**, 19, 3713-3726 ○
- 382 Primers matter: Influence of the primer selection on human fungal detection using high throughput sequencing. **2022**, 14, ○
- 381 Can nitrogen supersede host identity in shaping the community composition of foliar endophytic fungi in an alpine meadow ecosystem?. 13,
- 380 *Circumfusicillium cavernae* gen. et sp. nov. (Bionectriaceae, Hypocreales) Isolated from a Hypogean Roman Cryptoporticus. **2022**, 8, 837 ○
- 379 Fourteen Unrecorded Species of Agaricales Underw. (Agaricomycetes, Basidiomycota) from the Republic of Korea. 1-12
- 378 Ethnomycological study on wild mushrooms in Puĕr Prefecture, Southwest Yunnan, China. **2022**, 18, ○
- 377 Inter-Row Cropping and Rootstock Genotype Selection as a Management Strategy for Apple Replant Disease in a UK Cider Orchard..
- 376 Three new species of *Lobothallia* (Megasperaceae, Pertusariales, Ascomycota) from Pakistan and a new combination in the genus. **2022**, 21, 1
- 375 Characterization of Chitinolytic and Antifungal Activities in Marine-Derived *Trichoderma bissettii* Strains. 1-10 ○
- 374 Characterization of the Volatilome of *Tuber canaliculatum* Harvested in Quebec, Canada. **2022**, 7, 29038-29045
- 373 Prosperity of the commons: Generalist mycorrhizal species dominate a mixed forest and may promote forest diversity by mediating resource sharing among trees.
- 372 A new species of the genus *Rinodina* (Lichenized Ascomycota, Physciaceae) from Pakistan. **2022**, 125,
- 371 Elucidating the *Colletotrichum* spp. diversity responsible for papaya anthracnose in Brazil. **2022**,
- 370 Effect of 1-aminocyclopropane-1-carboxylic acid accumulation on *Verticillium dahliae* infection of upland cotton. **2022**, 22, ○
- 369 Growth Stimulation, Phosphate Resolution, and Resistance to Fungal Pathogens of Some Endogenous Fungal Strains in the Rhizospheres of Medicinal Plants in Vietnam. **2022**, 27, 5051
- 368 Ecological speciation of Japanese Hedgehog mushroom: *Hydnum subalpinum* sp. nov. is distinguished from its sister species *H. repando-orientale* by means of integrative taxonomy.
- 367 The role of the biogas slurry microbial communities in suppressing fusarium wilt of cucumber. **2022**, 151, 142-153 1
- 366 Bees under interactive stressors: the novel insecticides flupyradifurone and sulfoxaflor along with the fungicide azoxystrobin disrupt the gut microbiota of honey bees and increase opportunistic bacterial pathogens. **2022**, 849, 157941 2



- 365 Plastic microbiome development in a freshwater ecosystem. **2022**, 848, 157697
- 364 Ectomycorrhizal Fungi Modulate Biochemical Response against Powdery Mildew Disease in *Quercus robur* L.. **2022**, 13, 1491 1
- 363 Identification of ophiostomatalean fungi associated with *Tomicus pilifer* infesting *Pinus koraiensis* in Northeastern China. 13, 0
- 362 Responses of soil fungal communities and functional guilds to ~160 years of natural revegetation in the Loess Plateau of China. 13, 0
- 361 Identification of entomopathogenic fungus *Metarhizium rileyi* infested in fall armyworm in the cornfield of Korea, and evaluation of its virulence. 0
- 360 Lipid-like biofilm from a clinical brain isolate of *Aspergillus terreus*: quantification, structural characterization and stages of the formation cycle.. 0
- 359 New species of *Sticta* (lichenised Ascomycota, lobarioid Peltigeraceae) from Bolivia suggest a high level of endemism in the Central Andes. 92, 131-160 2
- 358 Body size as key trait determining aquatic metacommunity assemblies in benthonic and planktonic habitats of Dongting Lake, China. **2022**, 143, 109355 0
- 357 Short-term effects of retention forestry on the diversity of root-associated ectomycorrhizal fungi in Sakhalin fir plantations, Hokkaido, Japan. **2022**, 523, 120501 0
- 356 Pattern and drivers of soil fungal community along elevation gradient in the *Abies georgei* forests of Segila mountains, Southeast Tibet. **2022**, 39, e02291 1
- 355 Soil microbiome signatures are associated with pesticide residues in arable landscapes. **2022**, 174, 108830 0
- 354 Lichens as material for Lepidoptera's housing: A molecular approach to a widespread and highly selective interaction. **2023**, 61, 101195 0
- 353 &i&gt;*Lentinus squarrosulus*&/i&gt; an edible macro-fungus reported from Pakistan. **2022**, 7, 1-3 0
- 352 A new pruinose lichen species in genus *Lobothallia* (Megasperaceae, lichen forming Ascomycota) from Pakistan. 36, 0
- 351 Biology, morphology, and phylogeny of some strains of the *Pleurotus eryngii* species complex. **2022**, 26-26 0
- 350 A new species of *Lecidella* (Lecanorales, Ascomycota) from Azad Jammu and Kashmir, Pakistan. 36, 0
- 349 Does peptide-nucleic acid (PNA) clamping of host plant DNA benefit ITS1 amplicon-based characterization of the fungal endophyte community?. **2023**, 61, 101181 0
- 348 *Diplodia* tip blight pathogen's virulence empowered through host switch. 3, 1

- 347 Analysis of endophyte diversity of *Gentiana officinalis* among different tissue types and ages and their association with four medicinal secondary metabolites. 10, e13949 ○
- 346 *Pseudosperma arenarium* (Inocybaceae), a new poisonous species from Eurasia, based on morphological, ecological, molecular and biochemical evidence. 92, 79-93 ○
- 345 The Use of *Agaricus subrufescens* for Rehabilitation of Agricultural Soils. **2022**, 12, 2034 ○
- 344 An acetonic extract and secondary metabolites from the endolichenic fungus *Nemania* sp. EL006872 exhibit immune checkpoint inhibitory activity in lung cancer cell. 13, ○
- 343 Diversity and Ecological Features of Phylogenetic Lineages of Tinder Fungus in the Urals. **2022**, 53, 366-372 ○
- 342 Fellfields of the Kerguelen Islands harbour specific soil microbiomes and rhizomicrobiomes of an endemic plant facing necrosis. 2, ○
- 341 *Gilbertaria*, a first crustose genus in the Sphaerophoraceae (Lecanoromycetes, Ascomycota) for *Catillaria contrastans*, *Toninia squalescens* and related species. **2022**, 21, ○
- 340 Mycoparasitism capability and growth inhibition activity of *Clonostachys rosea* isolates against fungal pathogens of grapevine trunk diseases suggest potential for biocontrol. **2022**, 17, e0273985 1
- 339 Identification of native soil-derived *Trichoderma* spp. isolates and analysis of their antagonist traits against *Lasiodiplodia theobromae* causing stem-end rot in papaya. **2022**, 55, 1766-1794 ○
- 338 Breathing can be dangerous: Opportunistic fungal pathogens and the diverse community of the small mammal lung mycobiome. 3, 1
- 337 Piperazine-Modified Ketoconazole Derivatives Show Increased Activity against Fungal and Trypanosomatid Pathogens. ○
- 336 Taxol and Eubulins from endophytic fungi isolated from the Himalayan Yew, *Taxus wallichiana* Zucc.. 13, ○
- 335 Characterization of Two *Zymomonas mobilis* Wild Strains and Analysis of Populations Dynamics during Their Leavening of Bread-like Doughs. **2022**, 11, 2768 1
- 334 Minerals limit the deep soil respiration response to warming in a tropical Andisol. ○
- 333 Next-Generation Sequencing of Ancient and Recent Fungarium Specimens. **2022**, 8, 932 1
- 332 Microbial drivers of plant richness and productivity in a grassland restoration experiment along a gradient of land-use intensity. ○
- 331 The culturable seed mycobiome of two *Banksia* species is dominated by latent saprotrophic and multi-trophic fungi. **2022**, ○
- 330 Assessment of Pharmacological Potential of Novel Exopolysaccharide Isolated from Marine *Kocuria* sp. Strain AG5: Broad-Spectrum Biological Investigations. **2022**, 12, 1387 1

- 329 Dispersal limitation dominates the community assembly of abundant and rare fungi in dryland montane forests. 13, 0
- 328 Suitability of anaerobic fungi culture supernatant or mixed ruminal fluid as novel silage additives. **2022**, 106, 6819-6832 0
- 327 Stressful, isolated, yet diverse: Green roofs have rich microbiomes that are not dominated by oligotrophic taxa. **2022**, 14, 766-774 0
- 326 *Roccella ramitumidula* (Roccellaceae), a new species from the tropical dry forest of Mexico. **2022**, 125, 0
- 325 Impact of endophytic colonization by entomopathogenic fungi on the behavior and life history of the tobacco peach aphid *Myzus persicae* var. *nicotianae*. **2022**, 17, e0273791 0
- 324 Soil Layers Impact *Lithocarpus* Soil Microbial Composition in the Ailao Mountains Subtropical Forest, Yunnan, China. **2022**, 8, 948 0
- 323 Four new genera and six new species of lyophylloid agarics (Agaricales, Basidiomycota) from three different continents. **2022**, 21, 0
- 322 Monitoring spore dispersal and early infections of *Diplocarpon coronariae* causing apple blotch using spore traps and a new qPCR method. 0
- 321 Notes on the morels of South America with comments on their anamorphs. 0
- 320 New findings on the fungal species *Tricholoma matsutake* from Ukraine, and revision of its taxonomy and biogeography based on multilocus phylogenetic analyses. **2022**, 63, 197-214 1
- 319 Multiple evidences reveal new species and a new record of smelly *Gymnopus* (Agaricales, Omphalotaceae) from China. 13, 0
- 318 Soil chemistry and fungal communities are associated with dieback in an Endangered Australian shrub. 1
- 317 Host generalists dominate fungal communities associated with alpine knotweed roots: a study of Sebaciales. 10, e14047 0
- 316 *Cortinarius* subgenus *Leprocybe* (Agaricales) in New Zealand. 1-22 0
- 315 Deciphering environmental factors driving soil microbial elevational distribution in the southeastern Qinghai-Tibetan Plateau. **2022**, 113, 103444 0
- 314 Effects of disturbances by plateau pikas on soil microbial communities in an alpine ecosystem of the southeast Qinghai-Tibetan plateau, China. **2022**, 113, 103442 0
- 313 Biodegradation of renewable polyurethane foams in marine environments occurs through depolymerization by marine microorganisms. **2022**, 850, 158761 2
- 312 Seedling growth promotion and potential biocontrol against phytopathogenic *Fusarium* by native rhizospheric *Pseudomonas* spp. strains from Amarillo Zamorano maize landrace. **2022**, 24, 100601 0

- 311 Analysis of the Bacterial and Fungal Community Profiles in Bulk Soil and Rhizospheres of Three Mungbean [*Vigna radiata* (L.) R. Wilczek] Genotypes through PCR-DGGE. 77, 1-26 0
- 310 Linking microbial body size to community co-occurrences and stability at multiple geographical scales in agricultural soils. 2022, 0
- 309 *Pseudomonotes tropenbosii*, an Endemic Dipterocarp Tree from a Neotropical terra-firme Forest in Colombian Amazonia That Hosts Ectomycorrhizal Fungi. 2022, 47-78 0
- 308 Comparing diverse macrofungal assemblages associated with various litter microhabitats supporting by molecular data in the Ozark mountain forest. 2022, 0
- 307 Phylogeny, taxonomy, and character evolution in *Entoloma* subgenus *Nolanea*. 2022, 0
- 306 *Paxillus cuprinus* (Agaricomycota, Boletales, Paxillaceae), first record of basidiomes registered in Russia. 2022, 56, 323-332 0
- 305 The effects of functional microbial agents on the soil microbial communities of high-frigid grassland under desertification in Northwest Sichuan. 2022, 46, 259-268 0
- 304 *Calogaya elvebakkiana* (Teloschistaceae), a new combination and a new lichen species to Russia. 2022, 56, 405-412 0
- 303 Integrated Assessment of Oregano (*Origanum Vulgare* L.) Accessions from the ex situ Collection of Genetic Resources. 2022, 76, 455-463 1
- 302 Random forest analysis reveals taxa predictive of *Prunus* replant disease in peach root microbiomes. 2022, 17, e0275587 0
- 301 Additions to the List of Teloschistaceae (Teloschistales, Ascomycota) in Pakistan. 0
- 300 An Insight into an Olive Scab on the Btrska Belica Variety: Host-Pathogen Interactions and Phyllosphere Mycobiome. 0
- 299 Strong phylogenetic congruence between *Tulasnella* fungi and their associated *Drakaeinae* orchids. 0
- 298 Plastic-inhabiting fungi in marine environments and PCL degradation activity. 1
- 297 Error-acceptable vertical transmission fostered uncoupled phylogenetic relationships between longicorn beetles and their symbionts. 0
- 296 A new edible species of *Gomphus* (*Gomphaceae*) from southwestern China. 2022, 0
- 295 Native ectomycorrhizal fungi from the endangered pine rocklands are superior symbionts to commercial inoculum for slash pine seedlings. 2022, 32, 465-480 0
- 294 Neotropical *Daedalea* (Basidiomycota, Fomitopsidaceae) revisited: *Daedalea rajchenbergiana* sp. nov. from Brazil. 273-289 0

- 293 Impact of climate change on wood and woodworkers *Cryptostroma corticale* (sooty bark disease): A risk factor for trees and exposed employees. 10, 0
- 292 Resources of Iranian agarics (Basidiomycota) with an outlook on their antioxidant potential. 13, 0
- 291 The *Amidella* Clade in Europe (Basidiomycota: Amanitaceae): Clarification of the Contentious *Amanita valens* (E.-J.Gilbert) Bertault and the Importance of Taxon-Specific PCR Primers for Identification. 2022, 43, 0
- 290 First Report of *Colletotrichum theobromicola* Causing Anthracnose on *Euonymus japonicus* in China. 0
- 289 A new study of *Nagrajomyces*: with two new species proposed and taxonomic status inferred by phylogenetic methods. 93, 131-148 0
- 288 Uso de la secuenciación de segunda generación (NGS) para descubrir la diversidad de hongos degradadores de la madera en los bosques Andino Patagónicos. 155-172 0
- 287 Evolution of the Piau Laterite, Brazil: Mineralogical, Geochemical and Geomicrobiological Mechanisms for Cobalt and Nickel Enrichment. 2022, 12, 1298 0
- 286 Leaf blight caused by *Didymella glomerata* on blackberry in Turkey. 1-11 0
- 285 Leaf Mycobiome and Mycotoxin Profile of Warm-Season Grasses Structured by Plant Species, Geography, and Apparent Black-Stroma Fungal Structure. 0
- 284 Methods used for the study of endophytic fungi: a review on methodologies and challenges, and associated tips. 2022, 204, 3
- 283 *Tulostoma loonbanglaense* : A new species from Azad Jammu and Kashmir using light and scanning electron microscopy and DNA barcoding technique. 0
- 282 Saline soil reclamation by halophytes increased soil multifunctionality through modulation of soil microbial communities. 0
- 281 *Acrogenospora terricola* sp. nov., a fungal species associated with seeds of pioneer trees in the soil seed bank of a lowland forest in Panama. 2022, 72, 0
- 280 Design and Validation of qPCR-Specific Primers for Quantification of the Marketed *Terfezia clavaryi* and *Terfezia crassiverrucosa* in Soil. 2022, 8, 1095 0
- 279 Diversity of the Bambusicolous Fungus *Apiospora* in Korea: Discovery of New *Apiospora* Species. 1-15 0
- 278 *Tomentellopsis rosannae* sp. nov. (Basidiomycota, Thelephorales), first species in the genus described from the Southern Hemisphere.. 115-123 0
- 277 Records of lignicolous agaricoid fungi (Agaricales, Basidiomycota) from Mexico. 219-271 0
- 276 The *Cynomolgus* Macaque Intestinal Mycobiome Is Dominated by the *Kazachstania* Genus and *K. pintolopesii* Species. 2022, 8, 1054 1

- 275 *Choiromyces sichuanensis* sp. nov., a New Species from Southwest China, and Its Mycorrhizal Synthesis with Three Native Conifers. **2022**, 14, 837 ○
- 274 Impact of Physicochemical Parameters on the Diversity and Distribution of Microbial Communities Associated with Three South African Peatlands. **2022**, 10, 2103 ○
- 273 Ontogenetic Variation in Macrocyclic and Hemicyclic Poplar Rust Fungi. **2022**, 23, 13062 ○
- 272 Uncovering the Fungal Diversity Colonizing Limestone Walls of a Forgotten Monument in the Central Region of Portugal by High-Throughput Sequencing and Culture-Based Methods. **2022**, 12, 10650 1
- 271 Increased Rate of Yeast Cultivation from Packaged Beer with Environmentally Relevant Anaerobic Handling. ○
- 270 Year-around survey and manipulation experiments reveal differential sensitivities of soil prokaryotic and fungal communities to saltwater intrusion in Florida Everglades wetlands. **2022**, 159865 ○
- 269 *Morchella nipponensis* sp. nov. (Ascomycota, Pezizales): a paleoendemic species of section *Morchella*; discovered in Japan. **2022**, ○
- 268 Genome Sequence Resource for *Colletotrichum gloeosporioides*, an Important Pathogenic Fungus Causing Anthracnose of *Dioscorea alata*. ○
- 267 *Colletotrichum acutatum*: causal agent of Olive anthracnose isolation, characterization, and fungicide susceptibility screening in Punjab, Pakistan. ○
- 266 Unique Pakistani gut microbiota highlights population-specific microbiota signatures of type 2 diabetes mellitus. **2022**, 14, ○
- 265 Is allelochemical synthesis in *Casuarina equisetifolia* plantation related to litter microorganisms?. 13, ○
- 264 New insight into morphological and genetic diversity of *Phlyctema vagabunda* and *Neofabraea kienholzii* causing bull's eye rot on apple and pear. ○
- 263 Taxonomic study of polymorphic basidiomycetous fungi *Sirobasidium* and *Sirotrema*: *Sirobasidium apiculatum* sp. nov., *Phaeotremella translucens* comb. nov. and rediscovery of *Sirobasidium japonicum* in Japan. ○
- 262 Nutrient enrichment decreases dissolved organic carbon sequestration potential of tropical seagrass meadows by mediating bacterial activity. **2022**, 145, 109576 ○
- 261 Gross nitrogen transformations in intertidal sediments of the Yangtze Estuary: Distribution patterns and environmental controls. **2023**, 429, 116233 ○
- 260 Fungal treatment of agricultural washing wastewater: Comparison between two operational strategies. **2023**, 325, 116595 ○
- 259 Community assembly patterns and processes of microbiome responses to habitats and *Mytilopsis sallei* invasion in the tidal zones of the Pearl River Estuary. **2023**, 857, 159675 ○
- 258 Linking nitrogen- and straw-sensitive indicator species and their co-occurrences to priming effect in agricultural soil exposed to long-term nitrogen fertilization. **2023**, 176, 108881 ○

- 257 Soil microbial communities and their co-occurrence networks in response to long-term Pb/Zn contaminated soil in southern China. ○
- 256 Stochastic and deterministic processes shape bioenergy crop microbiomes along a vertical soil niche. ○
- 255 Experimental warming increases fungal alpha diversity in an oligotrophic maritime Antarctic soil. 13, ○
- 254 Diversity of the genus *Ramaria* in the Patagonian Andes Forests of Argentina. ○
- 253 Selection of microorganisms capable of polyethylene (PE) and polypropylene (PP) degradation. **2022**, 127251 ○
- 252 The taxonomic revision of *Melanogaster* (Paxillaceae, Boletales) in China based on molecular and morphological evidence. **2022**, 21, ○
- 251 Impact of Cultivar, Processing and Storage on the Mycobiota of European Chestnut Fruits. **2022**, 12, 1930 1
- 250 The Blueberry Fruit Mycobiome Varies by Tissue Type and Fungicide Treatment. ○
- 249 Hidden Tenants: Microbiota of the Rhizosphere and Phyllosphere of *Cordia dodecandra* Trees in Mayan Forests and Homegardens. **2022**, 11, 3098 ○
- 248 Batch and sampling time exert a larger influence on the fungal community than gastrointestinal location in model animals: A meaningful case study. 9, ○
- 247 South American morels in the *Elata* group: mitosporic states, distributions, and commentary. **2022**, 21, ○
- 246 Different contributions of bacterial and fungal communities to nitrogen mineralization in Moso bamboo-invaded subtropical forests. ○
- 245 Ecological speciation of Japanese hedgehog mushroom: *Hydnum subalpinum* sp. nov. is distinguished from its sister species *H. repando-orientale* by means of integrative taxonomy. **2022**, 21, ○
- 244 Postharvest stem-end browning (SEB) disease in ripe mango (*Mangifera indica* L.) cultivar TomEJC. ○
- 243 Arbuscular Mycorrhiza Support Plant Sulfur Supply through Organosulfur Mobilizing Bacteria in the Hypho- and Rhizosphere. **2022**, 11, 3050 ○
- 242 Deciphering the microbial composition of biodynamic preparations and their effects on the apple rhizosphere microbiome. 2, ○
- 241 Plant secondary metabolite-dependent plant-soil feedbacks can improve crop yield in the field. ○
- 240 Investigating Potential Factors Influencing Shifting Lichen Distributions—Case Study of the Maritime Sunburst Lichen (*Xanthoria parietina*) on a University Campus in the Great Basin. **2022**, 39, ○

- 239 Fungal Metabarcoding Data for Two Grapevine Varieties (Regent and Vitis vinifera [Cabernet-Sauvignon]) Inoculated with Powdery Mildew (Erysiphe necator) Under Drought Conditions. 1
- 238 Fungicolous Fungi on Pseudosclerotial Plates and Apothecia of Hymenoscyphus fraxineus and Their Biocontrol Potential. **2022**, 10, 2250 0
- 237 A new species of Megalaria (Ramalinaceae, Ascomycota) from Thailand, and recognition of subgenus Catillochroma. **93**, 149-163 0
- 236 Effect of Homo-Fermentative Lactic Acid Bacteria Inoculants on Fermentation Characteristics and Bacterial and Fungal Communities in Alfalfa Silage. **2022**, 8, 621 0
- 235 Responses of soil microbial diversity, network complexity and multifunctionality to three land-use changes. **2022**, 160255 2
- 234 Tree dominance shapes soil and tree phyllosphere microbial communities in coniferous and broadleaf deciduous boreal forests. 0
- 233 Highly specific qPCR and amplicon sequencing method for detection of quarantine citrus pathogen *Phyllosticta citricarpa* applicable for air samples. 0
- 232 Russulaceae of the Pakaraima Mountains of Guyana. IV. New species forming a distinct lineage of *Lactarius* subg. *Plinthogalus*. 1-18 0
- 231 A review of Hyphodiscaceae. **2022**, 0
- 230 *Lepiota brunneogranulosa* (Agaricaceae): a new species from Punjab, Pakistan, based on integrated taxonomy. 36, 0
- 229 Urease inhibitors increased soil ureC gene abundance and intracellular urease activity when extracellular urease activity was inhibited. **2023**, 430, 116295 0
- 228 Effects of environmental factors on mycoplankton diversity and trophic modes in coastal surface water. **2023**, 146, 109778 0
- 227 Tree species composition alters the decomposition of mixed litter and the associated microbial community composition and function in subtropical plantations in China. **2023**, 529, 120743 0
- 226 Which soil microbiome? Bacteria, fungi, and protozoa communities show different relationships with urban green space type and use-intensity. **2023**, 863, 160468 0
- 225 In grapevine decline, microbiomes are affected differently in symptomatic and asymptomatic soils. **2023**, 183, 104767 0
- 224 In silico environmental sampling of emerging fungal pathogens via big data analysis. **2023**, 62, 101212 0
- 223 Habitat matters: The role of spore bank fungi in early seedling establishment of Florida slash pines. **2023**, 62, 101210 0
- 222 Aboveground organic matter removal reshapes soil microbial functional group balance in temperate forests. **2023**, 184, 104776 0



- 221 Evolution of the spontaneous sourdoughs microbiota prepared with organic or conventional whole wheat flours from South Brazil. **2022**, 94, ○
- 220 Genetic population structure of the agaric *Blastosporella zonata* (Lyophyllaceae) reveals cryptic species and different roles for sexual and asexual spores in dispersal. **2022**, ○
- 219 Long-Term Soil Fungal Community Recovery After Fire is Impacted by Climate Change. **2022**, 82, ○
- 218 *Colletotrichum* spp. and other fungi associated with anthracnose on *Coffea arabica* L. in M̄ida State, Venezuela. **2022**, 48, 99-111 ○
- 217 *Termitomyces pakistanensis*, a new mushroom species from Pakistan based on scanning electron microscopy and ITS-rDNA barcoding. **2023**, 86, 115-121 ○
- 216 Heterosis in root microbiota inhibits growth of soil-borne fungal pathogens in hybrid rice. ○
- 215 The Potential of a New *Beauveria bassiana* Isolate for Mosquito Larval Control. ○
- 214 The temporal and spatial endophytic fungal community of *Huperzia serrata*: diversity and relevance to huperzine A production by the host. **2022**, 22, ○
- 213 ITS3 / ITS4 outperforms other ITS region and 18S rRNA gene primer sets for amplicon sequencing of soil fungi. **2022**, 73, ○
- 212 Two new root endophyte and nematode cyst parasite species of the widely distributed genus *Laburnicola*. **2022**, 21, ○
- 211 First Report on *Colletotrichum sansevieriae* Causing Anthracnose of *Sansevieria trifasciata* in Germany. ○
- 210 CONTRIBUTIONS TO MOLECULAR PHYLOGENY OF LICHENS 4. New names in the Teloschistaceae. **2022**, 64, 313-336 ○
- 209 Response of fungal and bacterial communities in fine root litter with different diameters to nitrogen application. ○
- 208 A fungal pathogen is unlikely to be the cause of abnormal vertical growth syndrome in macadamia. ○
- 207 Identification of the Pathogen Causing Leaf Spot in *Zinnia elegans* and Its Sensitivity to Five Fungicides. **2022**, 11, 1454 ○
- 206 Soil Fungal Diversity and Functionality Changes Associated with Multispecies Restoration of *Pinus massoniana* Plantation in Subtropical China. **2022**, 13, 2075 ○
- 205 A shift from inorganic to organic nitrogen-dominance shapes soil microbiome composition and co-occurrence networks. 13, ○
- 204 A new species of Genus *Limacella* from Changa Manga Forest, Pakistan. ○

- 203 Revising the taxonomic placement of *Laetiporus persicinus* within the Laetiporaceae. 1-15 ○
- 202 Lipid-Like Biofilm from a Clinical Brain Isolate of *Aspergillus terreus*: Quantification, Structural Characterization and Stages of the Formation Cycle. ○
- 201 Diversity of Endophytic Fungi in Annual Shoots of *Prunus mandshurica* (Rosaceae) in the South of Amur Region, Russia. **2022**, 14, 1124 ○
- 200 New species of *Leccinum* from Southwest China. **2023**, 22, ○
- 199 Root-associated Fungi in Orchidaceae: Diversity, Phylogeny, Ecology, and Outstanding Questions. ○
- 198 Differentially enriched fungal communities in root rot resistant and susceptible varieties of tobacco (*Nicotiana tabacum* L.) under continuous monoculture cropping. 13, ○
- 197 Endophytic Fungi *Pezicula radiculicola* in the Root Nodules of Actinorhizal Plants. **2022**, 91, 750-756 ○
- 196 Characterization of Seed Mycobiota Using Culture-Dependent and Culture-Independent Approaches. **2023**, 65-78 ○
- 195 *Ramaria barenthalensis* a new record from western Himalayas, Azad Jammu and Kashmir, Pakistan. 14, 133-143 ○
- 194 Actualizaci3n de la circunscripci3n taxon3mica de *Tricholoma mesoamericanum* que incluye a *Tricholoma colposii* (Agaricales, Tricholomataceae). **2022**, ○
- 193 Role of Guinea Pigs (*Cavia porcellus*) Raised as Livestock in Ecuadorian Andes as Reservoirs of Zoonotic Yeasts. **2022**, 12, 3449 ○
- 192 *Diplodia sapinea* infection reprograms foliar traits of its pine (*Pinus sylvestris* L.) host to death. ○
- 191 Airway Microbiota and Immune Mediator Relationships Differ in Obesity and Asthma. **2022**, ○
- 190 Effects of Moss-Dominated Biocrusts on Soil Microbial Community Structure in an Ionic Rare Earth Tailings Area of Southern China. **2022**, 10, 782 ○
- 189 Soil microbial legacy determines mycorrhizal colonization and root traits of conifer seedlings during subalpine forest succession. ○
- 188 Investigation by High-Throughput Sequencing Methods of Microbiota Dynamics in Spontaneous Fermentation of Abruzzo (South Italy) Wines. **2022**, 12, 3104 ○
- 187 Sources of Fungal Symbionts in the Microbiome of a Mobile Insect Host, *Spodoptera frugiperda*. ○
- 186 Host and abiotic constraints on the distribution of the pine fungal pathogen *Sphaeropsis sapinea* (= *Diplodia sapinea*). 5, ○

- 185 To explore strange new worlds ¶he diversification in Tremella caloplacae was linked to the adaptive radiation of the Teloschistaceae. **2022**, 107680 ○
- 184 A Clinical Study Provides the First Direct Evidence That Interindividual Variations in Fecal β-Lactamase Activity Affect the Gut Mycobiota Dynamics in Response to β-Lactam Antibiotics. **2022**, 13, ○
- 183 Not all bad: Gyromitrin has a limited distribution in the false morels as determined by a new ultra high-performance liquid chromatography method. 1-15 ○
- 182 Phylogenetic Analyses of Hydnobolites and New Species from China. **2022**, 8, 1302 ○
- 181 Fungal hyphae regulate bacterial diversity and plasmid-mediated functional novelty during range expansion. **2022**, 32, 5285-5294.e4 ○
- 180 Identification of Seven Additional Genome Segments of Grapevine-Associated Jivivirus 1. **2023**, 15, 39 ○
- 179 Varied response of carbon dioxide emissions to warming in oxic, anoxic and transitional soil layers in a drained peatland. **2022**, 3, ○
- 178 Five Previously Unrecorded Fungal Species Isolated from Marine Plastic Wastes in South Korea. 1-9 ○
- 177 A new species and a new record of Tylopus (Boletaceae) of the balloui group in lowland and montane forests from Eastern Mexico. **2023**, 22, ○
- 176 Spatiotemporal and ontogenetic variation, microbial selection, and predicted Bd-inhibitory function in the skin-associated microbiome of a Rocky Mountain amphibian. 13, ○
- 175 First report of Paraphaeosphaeria angularis as endophyte in sugarcane (Saccharum officinarum) from India. **2022**, 92, ○
- 174 First Record of Ganoderma multipileum Associated with Delonix regia (Boj. ex Hook.) Raf. Die-back in Vietnam. ○
- 173 Two new records of Tricholoma species from Pakistan based on morphological features and phylogenetic analysis. **2022**, 67, 25-33 ○
- 172 Involvement of CYP51A and CYP51B in Growth, Reproduction, Pathogenicity, and Sensitivity to Fungicides in Colletotrichum siamense. **2023**, 13, 239 ○
- 171 Comparison of metabarcoding taxonomic markers to describe fungal communities in fermented foods. ○
- 170 Neotropical Clavulina: Two new species from Mexico and a re-evaluation of Clavulina floridana. 1-18 ○
- 169 Mycoparasites, gut dwellers, and saprotrophs: Phylogenomic reconstructions and comparative analyses of Kickxellomycotina fungi. ○
- 168 Libertellenone T, a Novel Compound Isolated from Endolichenic Fungus, Induces G2/M Phase Arrest, Apoptosis, and Autophagy by Activating the ROS/JNK Pathway in Colorectal Cancer Cells. **2023**, 15, 489 ○

- 167 Kombucha Healthy Drink Recent Advances in Production, Chemical Composition and Health Benefits. **2023**, 9, 48 1
- 166 Two new species of the genus *Oxneriaria* (lichenized Ascomycota: Megasporaceae) from Pakistan. **2023**, 309, 0
- 165 Evaluation of *Bacillus subtilis* PTA -271 and *Trichoderma atroviride* SC1 to control *Botryosphaeria* dieback and black-foot pathogens in grapevine propagation material. 0
- 164 New record of *Pholiota multicingulata* (Strophariaceae) from India based on morphological data and phylogenetic analyses. **2023**, 1-5 0
- 163 Effect on microbial communities in apple orchard soil when exposed short-term to climate change abiotic factors and different orchard management practices. 0
- 162 *Phytophthora* species cause sudden and severe decline of naturally regenerated European beech (*Fagus sylvatica*) seedlings. 0
- 161 Identification, Pathogenicity, and Sensitivity to Fungicide of *Colletotrichum* Species That Causes Walnut Anthracnose in Beijing. **2023**, 13, 214 1
- 160 *Tuber wenchuanense*, a holarctic truffle with a wide range of host plants and description of its ectomycorrhiza with spruce. 0
- 159 Characterization, pathogenicity and host range studies of *Paecilomyces formosus* associated with dieback of Christ's thorn trees (*Paliurus spina-christi* Mill.) in Iran. 0
- 158 Co-invasive ectomycorrhizal fungi alter native soil fungal communities. 0
- 157 Functional insights into succession in a phyllospheric microbial community across a full stage of plant litter decomposition in wetlands. 0
- 156 Enhanced protein degradation by black soldier fly larvae (*Hermetia illucens* L.) and its gut microbes. **2022**, 13, 1 1
- 155 Two new species of *Anaptychia* (Physciaceae) from western North America, with notes on the other species of section *Protoanaptychia*. **2022**, 125, 0
- 154 *Colletotrichum* species causing anthracnose disease on avocado fruit in Taiwan. 0
- 153 A new species of the lichen genus *Buellia* (lichenized Ascomycota, Caliciaceae) from Pakistan. **2022**, 35, 0
- 152 Antifertility Potential of n-Butanol and Ethyl Acetate Extracts of *Penicillium oxalicum* OM282858 in Male Albino Rats as Biological Control Agents. **2022**, 10, 1354-1365 0
- 151 Influence of Substrate on the Fermentation Characteristics and Culture-Dependent Microbial Composition of Water Kefir. **2023**, 9, 28 1
- 150 *Gymnosporangium* species occurring on *Juniperus* and *Pyrus* in Latvia and evidence for *Gymnosporangium clavariiforme* infecting European pear (*Pyrus communis*). 0

- 149 Linking processes to community functions: Insights into litter decomposition combining fungal metatranscriptomics and environmental NMR profiling. **2023**, 22, ○
- 148 Soil Micro-Pore Structure and Associating Water and Fungi Conspire to Regulate Bacterial Early-Stage Colonization. ○
- 147 Fungi associated with woody tissues of *Acer pseudoplatanus* in forest stands with different health status concerning sooty bark disease (*Cryptostroma corticale*). **2023**, 22, ○
- 146 Modeling geographic distribution of arbuscular mycorrhizal fungi from molecular evidence in soils of Argentinean Puna using a maximum entropy approach. 11, e14651 ○
- 145 Leaf blight of rice-paper plant, *Tetrapanax papyrifer*, caused by *Neofusicoccum parvum*: a potential source of stem rot diseases of mango and grape. ○
- 144 Taxonomic and phylogenetic approach to some Antarctic lichenicolous fungi. **2023**, 22, ○
- 143 Rhizosphere fungal community assembly varied across functional guilds in a temperate forest. **2023**, 12, ○
- 142 Exploring structural and molecular diversity of Ericaceae hair root mycobionts: a comparison between Northern Bohemia and Patagonia. ○
- 141 Warming changes the composition and diversity of fungal communities in permafrost. **2023**, 73, ○
- 140 *Diploschistes viridis* sp. nov. (Lichenized Ascomycota, Thelotremataceae) from Pakistan. **2022**, 49, S77-S82 ○
- 139 A New Species of Lichen Genus *Acarospora* (Acarosporaceae, Lichen Forming Ascomycota) from Darel Valley, Gilgit Baltistan, Pakistan. **2022**, 49, S45-S50 ○
- 138 *Termitomyces islamabadensis* sp. nov. (Lyophyllaceae, Agaricales) from the Foothills of the Pakistani Himalayas. **2022**, 49, S66-S76 ○
- 137 The trail less traveled: Envisioning a new approach to identifying key food resources for threatened Hawaiian arboreal snails. 51, 137-153 ○
- 136 Use of untargeted metabolomics to analyse changes in extractable soil organic matter in response to long-term fertilisation. **2023**, 59, 301-316 ○
- 135 *Collybiopsis pakistanica* (Omphalotaceae, Agaricales, Basidiomycota), a new mushroom species from Margalla Hills, Pakistan and two new combinations. ○
- 134 Development of control strategies for bacteria and fungi associated with a micropropagated new cultivar of orange-fleshed sweet potato (*Ipomoea batatas* cv. *Agrosavia Aurora*). ○
- 133 *Tuber indicum* and *T. lijiangense* colonization differentially regulates plant physiological responses and mycorrhizosphere bacterial community of *Castanopsis rockii* seedlings. 14, ○
- 132 An Integrative Study of Mycobiome in Different Habitats from a High Arctic Region: Diversity, Distribution, and Functional Role. **2023**, 9, 437 ○

- 131 Microbial ecology of Australian commercial rice koji and soybean miso. ○
- 130 Triggering and identifying the polyurethane and polyethylene-degrading machinery of filamentous fungi secretomes. **2023**, 325, 121460 ○
- 129 Microbial community succession in soil is mainly driven by carbon and nitrogen contents rather than phosphorus and sulphur contents. **2023**, 180, 109019 ○
- 128 Detection of *Tirmania pinoyi* in Roots of Inoculated Cistaceae Plant Species by Nested Polymerase Chain Reaction. **2023**, 88, 100-109 ○
- 127 Enhanced plant growth in the presence of earthworms correlates with changes in soil microbiota but not nutrient availability. **2023**, 433, 116426 ○
- 126 Fungal infection of sea turtle eggs in the sea turtle hatcheries in Peninsular Malaysia. **2023**, 63, 101243 ○
- 125 Stable oxic-anoxic transitional interface is beneficial to retard soil carbon loss in drained peatland. **2023**, 181, 109024 ○
- 124 Mycobiota diversity and its vertical transmission in plants along an elevation gradient in mountains. **2023**, 63, 101244 ○
- 123 Convergent evolution unites the population genetics of *Protea*-associated ophiostomatoid fungi. **2023**, 63, 101242 ○
- 122 Molecular authentication of mushroom products: First survey on the Italian market. **2023**, 150, 109778 ○
- 121 Short-term prescribed fire-induced changes in soil microbial communities and nutrients in native rangelands of Florida. **2023**, 189, 104914 ○
- 120 Morphological and Phylogenetic Analyses Reveal a New Species of Genus *Monochaetia* Belonging to the Family *Sporocadaceae* in Korea. 1-7 ○
- 119 How starter cultures affect the peptidomic profile and bioactive activities of the Asiago-PDO cheese throughout ripening. **2023**, 167, 112743 ○
- 118 Moso bamboo invasion changes the assembly process and interactive relationship of soil microbial communities in a subtropical broadleaf forest. **2023**, 536, 120901 ○
- 117 *Rhizoctonia solani*; AG-3PT is the major pathogen associated with potato stem canker and black scurf in Jordan. **2023**, 8, 119-136 ○
- 116 Two taxa of the genus *Sticta* (Peltigerales, Ascomycota), *S. andina* and *S. scabrosa* subsp. *scabrosa*, new to Bolivia confirmed by molecular data. **2022**, 67, 45-54 ○
- 115 Introducing a new member of the genus *Chlorophyllum*: *Chlorophyllum sapukai* sp. nov., and new records from Paraguay. **2022**, 67, 75-85 ○
- 114 Turfgrass-dependent mycotrophic change enhances soil deterioration in dry, cold and high-alkali environments. **2023**, 134, ○

- 113 *Beauveria australis* finds a new host in French dung beetles introduced to Australia. **2023**, 197, 107889 ○
- 112 Reactive iron, not fungal community, drives organic carbon oxidation potential in floodplain soils. **2023**, 178, 108962 ○
- 111 The Relationship between Core Rhizosphere Taxa and Peanut Nodulation Capacity under Different Cover Crop Amendments. **2023**, 13, 311 ○
- 110 New Records of Saxicolous Lichens from Pakistan. **2022**, 49, S79-S85 ○
- 109 The detection of major clades and new species of *Mallocybe* (Inocybaceae, Agaricales) from China with elongate cheilocystidia. **2023**, 22, ○
- 108 Retention of post-harvest residues enhances soil fungal biodiversity in Eucalyptus plantations. **2023**, 532, 120806 ○
- 107 Diversity and Dynamics of Marine Arenicolous Fungi in Three Seasides of the Korean Peninsula. ○
- 106 Activity of endophytic fungi in enantioselective biotransformation of chiral amines: New approach for solid-state fermentation. **2023**, 48, 102631 ○
- 105 Fungi associated with stem collar necroses of *Fraxinus excelsior* affected by ash dieback. ○
- 104 Applying a modified metabarcoding approach for the sequencing of macrofungal specimens from fungarium collections. **2023**, 11, ○
- 103 Implications of a short carbon pulse on biofilm formation on mica schist in microcosms with deep crystalline bedrock groundwater. 14, ○
- 102 Global distribution, traditional and modern detection, diagnostic, and management approaches of *Rhizoctonia solani* associated with legume crops. 13, ○
- 101 Islands in the shade: scattered ectomycorrhizal trees influence soil inoculum and heterospecific seedling response in a northeastern secondary forest. **2023**, 33, 33-44 ○
- 100 Brewing potential of strains of the boreal wild yeast *Mrakia gelida*. 14, ○
- 99 Contributions of ectomycorrhizal fungi in a reclaimed poplar forest (*Populus yunnanensis*) in an abandoned metal mine tailings pond, southwest China. **2023**, 448, 130962 ○
- 98 Biodiversity of Fungi Inhabiting European Blueberry in North-Western Russia and in Finland. **2022**, 507, 441-455 ○
- 97 Microbiome dynamics in resistant and susceptible colonies throughout thermal bleaching and recovery support host specificity, phenotypic variability, but common microbial consortia modulating stress responses in different coral species in Hawaii ○
- 96 Seven New Species of the Genus *Geastrum* (Geastrales, Geastraceae) in China. **2023**, 9, 251 ○

- 95 First report on molecular identification of *Fusarium* species causing fruit rot of mandarin (*Citrus reticulata*) in Bangladesh. 9, 1212 ○
- 94 1?-O-methyl-averantin isolated from the endolichenic fungus *Jackrogersella* sp. EL001672 suppresses colorectal cancer stemness via sonic Hedgehog and Notch signaling. **2023**, 13, ○
- 93 *Chaenothecopsis* (Mycocaliciales, Ascomycota) from exudates of endemic New Zealand *Podocarpaceae*. 95, 101-129 ○
- 92 Interactions between fungal endophytes and pathogens isolated from the invasive plant kudzu (*Pueraria montana* var. *lobata*). **2023**, 56, 87-107 ○
- 91 The diversity of cultivable endophytic fungi of the sand coast plant *Ipomoea pes-caprae* in Taiwan. 11, ○
- 90 First report of *Colletotrichum spaethianum* causing anthracnose disease on *Bletilla striata*. 1-10 ○
- 89 Phylogeography of *Ramalina farinacea* (Lichenized Fungi, Ascomycota) in the Mediterranean Basin, Europe, and Macaronesia. **2023**, 15, 310 ○
- 88 *Thaxterogaster carneus* (Cortinariaceae), a new species of *Thaxterogaster* sect. *Vibratiles*, from coniferous forests of Kashmir Himalaya, India. ○
- 87 Fungal diversity notes 1512-1610: taxonomic and phylogenetic contributions on genera and species of fungal taxa. **2022**, 117, 1-272 2
- 86 Comparison of the diversity and structure of the rhizosphere microbial community between the straight and twisted trunk types of *Pinus yunnanensis*. 14, ○
- 85 Use of bacterial biocontrol agents for the control of *Fusarium oxysporum* f.sp. *Lycopersici*, tomato wilt in Kenya. ○
- 84 First report of *Erysiphe magnifica* on *Magnolia* trees in Romania. ○
- 83 Draft Genome Sequence of a Preterm Infant-Derived Isolate of *Candida parapsilosis*. **2023**, 12, ○
- 82 Soil microbiomes in lawns reveal land-use legacy impacts on urban landscapes. ○
- 81 The Revision of Lichen Flora Around Maxwell Bay, King George Island, Maritime Antarctic. **2023**, 61, 159-173 ○
- 80 High-rate and -yield continuous fluidized-bed bioconversion of glucose-to-gluconic acid for enhanced metal leaching. **2023**, 462, 142088 ○
- 79 Molecular and taxonomic studies on some *Acarospora* (Acarosporales, Ascomycota) species in Türkiye. ○
- 78 Characterization of root-associated fungi and reduced plant growth in soils from a New Mexico uranium mine. **2023**, 115, 165-177 ○



- 77 Leaf Microbiome Data for European Cultivated Grapevine (*Vitis vinifera*) During Downy Mildew (*Plasmopara viticola*) Epidemics in Three Wine-Producing Regions in France. ○
- 76 Culturable Diversity of Lichen-Associated Yeasts through Enrichment Strategies. **2023**, 4, 152-170 ○
- 75 Soil and tree phyllosphere microbial communities differ between coniferous and broadleaf deciduous boreal forests. ○
- 74 First morphological and molecular investigation of the mycobiota associated with *Astragalus nebrodensis* in its natural environment (Madonie mountains, Sicily). 1-11 ○
- 73 Community differentiation of rhizosphere microorganisms and their responses to environmental factors at different development stages of medicinal plant *Glehnia littoralis*. 11, e14988 ○
- 72 Core endophytic mycobiome in *Ulmus minor* and its relation to Dutch elm disease resistance. 14, ○
- 71 A new perspective on the macrolichen genus *Platismatia* (Parmeliaceae, Ascomycota) based on molecular and phenotypic data. **2023**, 126, ○
- 70 Effects of rice blast biocontrol strain *Pseudomonas alcaliphila* E<sub>j</sub>2 on the endophytic microbiome and proteome of rice under salt stress. 14, ○
- 69 Morphological and Phylogenetic Analyses Reveal a New Species of *Anthracoephyllum* (Omphalotaceae, Agaricales) in Zhejiang Province, China. ○
- 68 Embellicines C-E: Macrocyclic Alkaloids with a Cyclopenta[b]fluorene Ring System from the Fungus *Sarocladium* sp.. **2023**, 86, 596-603 ○
- 67 Cholinesterase Inhibitors from an Endophytic Fungus *Aspergillus niveus* Fv-er401: Metabolomics, Isolation and Molecular Docking. **2023**, 28, 2559 ○
- 66 Mycobiota of Mexican Maize Landraces with Auxin-Producing Yeasts That Improve Plant Growth and Root Development. **2023**, 12, 1328 ○
- 65 *Geastrum suae* sp. nov. (Geastraceae, Basidiomycota) a new species from Yunnan Province, China. 11, ○
- 64 Perturbation and resilience of the gut microbiome up to three months after  $\beta$ -lactams exposure in healthy volunteers suggest an important role of endogenous  $\beta$ -lactamases. ○
- 63 Community assembly and network structure of epiphytic and endophytic phyllosphere fungi in a subtropical mangrove ecosystem. 14, ○
- 62 Seasonal variation in near-surface seasonally thawed active layer and permafrost soil microbial communities. **2023**, 18, 055001 ○
- 61 Richness of arbuscular mycorrhizal fungi increases with ecosystem degradation of temperate eucalypt woodlands. ○
- 60 High Andean Steppes of Southern Chile Contain Little-Explored *Peltigera* Lichen Symbionts. **2023**, 9, 372 ○

- 59 A new species and a new record of the genus *Squamulea* (Teloschistaceae, lichenized Ascomycota) from Pakistan. 1-8 ○
- 58 *Phthalides* Isolated from the Endolichenic *Arthrinium* sp. EL000127 Exhibits Antiangiogenic Activity. **2023**, 8, 12548-12557 ○
- 57 Studies on Argentine *Phylacia* species (Hypoxylaceae) using a polythetic taxonomic approach. **2023**, 22, ○
- 56 *Restinga* ectomycorrhizae: a work in progress. 12, 317 ○
- 55 Functional Potential of Soil Microbial Communities and Their Subcommunities Varies with Tree Mycorrhizal Type and Tree Diversity. **2023**, 11, ○
- 54 Effects of endophytism by *Beauveria bassiana* (Cordycipitaceae) on plant growth, *Fusarium* (Nectriaceae) disease, and Sunn pest *Eurygaster integriceps* (Hemiptera: Scutelleridae) in wheat (Poaceae). **2023**, 155, ○
- 53 *Peribolosporomycetes* class. nov.: description of a new heat resistant and osmotolerant basidiomycete lineage, represented by *Peribolospora* gen. nov., *P. kevringleyi* sp. nov., and *P. baueri* sp. nov.. **2023**, 22, ○
- 52 Effects of recurrent summer droughts on arbuscular mycorrhizal and total fungal communities in experimental grasslands differing in plant diversity and community composition. ○
- 51 *Pseudolepraria*, a new leprose genus revealed in Ramalinaceae (Ascomycota, Lecanoromycetes, Lecanorales) to accommodate *Lepraria stephaniana*. 96, 97-112 ○
- 50 Checking the balance between pathogenic and mutualistic pine needle fungi of the genus *Lophodermium* in forested and urban areas of Slovakia. **2023**, 38, 39-48 ○
- 49 Three New Species of Genus *Russula* Pers. from Sal Dominated Forests of Tropical India Based on Morphotaxonomy and Multigene Phylogenetic Analysis. **2023**, 44, ○
- 48 Forest thinning alleviates the negative effects of precipitation reduction on soil microbial diversity and multifunctionality. **2023**, 59, 423-440 ○
- 47 Whitish truffles found in Finland: soil characteristics, and identification based on morphological and molecular properties. **2023**, 205, ○
- 46 Clavarioid fungi from Brazil: novelties in *Clavulina* (Cantharellales). **2023**, 22, ○
- 45 Mind the blind spot: lessons from fungal community sequencing in a plant-soil feedback experiment. **2023**, 4, ○
- 44 *Lecanora* s.lat. (Ascomycota, Lecanoraceae) in Brazil: DNA Barcoding Coupled with Phenotype Characters Reveals Numerous Novel Species. **2023**, 9, 415 ○
- 43 Quantitative trait loci associated with apple endophytes during pathogen infection. 14, ○
- 42 Identification, Characterization and Use of Microorganisms. **2023**, 74-119 ○

- 41 Fast and easy bioassay for the necrotizing fungus *Botrytis cinerea* on poplar leaves. **2023**, 19, ○
- 40 Genomic Diversity and Phenotypic Variation in Fungal Decomposers Involved in Bioremediation of Persistent Organic Pollutants. **2023**, 9, 418 ○
- 39 *Polydomus karsseni* gen. nov. sp. nov. is a dark septate endophyte with a bifunctional lifestyle parasitising eggs of plant parasitic cyst nematodes (*Heterodera* spp.). **2023**, 14, ○
- 38 Taxonomical and functional responses of microbial communities from forest soils of differing tree species diversity to drying-rewetting cycles. **2023**, 150875 ○
- 37 Invasion of a Horticultural Plant into Forests: *Lamium galeobdolon argentatum* Affects Native Above-Ground Vegetation and Soil Properties. **2023**, 12, 1527 ○
- 36 Five new *Graphium* species from hardwood trees in Poland. 1-18 ○
- 35 Taxonomic and phylogenetic study of the genus *Diploschistes* (Ostropales, Thelotremataceae) reveals one new species from Pakistan. 37, ○
- 34 *Acarospora sultanii* sp. nov. (Acarosporaceae, Lichen Forming Ascomycota) from Darel Valley, Gilgit Baltistan, Pakistan. **2022**, 49, S40-S44 ○
- 33 *Sarcogyne balochistanensis* sp. nov. (Acarosporales, Acarosporaceae) from Pakistan. **2022**, 49, S60-S65 ○
- 32 Belowground microbiota analysis indicates that *Fusarium* spp. exacerbate grapevine trunk disease. **2023**, 18, ○
- 31 Soil Suppressiveness Against *Pythium ultimum* and *Rhizoctonia solani* in Two Land Management Systems and Eleven Soil Health Treatments. ○
- 30 Are lichens coming back? Strel'ninsky Bereg Protected Area (St. Petersburg, Russia). **2023**, 57, 55-74 ○
- 29 *Inocybe stellatospora* and *I. teraturgus* (Inocybaceae, Agaricales) [the first records of basidiomes in Russia. **2023**, 57, 43-53 ○
- 28 Agroecosystem edge effects on vegetation, soil properties, and the soil microbial community in the Canadian prairie. **2023**, 18, e0283832 ○
- 27 *Tuber rugosum*, a new species from northeastern North America: Slug mycophagy aides in electron microscopy of ascospores. 1-17 ○
- 26 Rearranging the Bird's Nest Fungi: molecular review of internal clades in *Cyathus* (Nidulariaceae, Basidiomycota). **2023**, 14, ○
- 25 Drivers of rhizosphere microbial differences in desert genus *Haloxylon*. ○
- 24 Two new species of genus *Leucoagaricus* (Agaricaceae, Agaricales) from Pakistan. 96, 159-171 ○

- 23 Pachypeltis phoenicopta, an Interesting Lichenicolous Lichen and Flavoplaca flavocitrina (Lichenized Ascomycetes: Teloschistaceae) from Pakistan. ○
- 22 Plant pathogen resistance is mediated by recruitment of specific rhizosphere fungi. ○
- 21 Colletotrichum siamense Strain LVY 9 Causing Spot Anthracnose on Winterberry Holly in China. **2023**, 11, 976 ○
- 20 Mycorrhiza Better Predict Soil Fungal Community Composition and Function than Aboveground Traits in Temperate Forest Ecosystems. ○
- 19 Biomineralization of pretilachlor by free and immobilized fungal strains isolated from paddy field. **2023**, 205, ○
- 18 Microbial succession and its effect on the formation of umami peptides during sufu fermentation. 14, ○
- 17 Co-occurrence of two ascomycete endophytes as the specialized metabolite production partners in Rheum spiciforme Royle. ○
- 16 Ectomycorrhizal Community Shifts at a Former Uranium Mining Site. **2023**, 9, 483 ○
- 15 Isolation and identification of mycorrhizal helper bacteria of Vaccinium uliginosum and their interaction with mycorrhizal fungi. 14, ○
- 14 Bryorutstroemia (Rutstroemiaceae, Helotiales), a New Genus to Accommodate the Neglected Sclerotiniaceous Bryoparasitic Discomycete Helotium fulvum. **2023**, 13, 1041 ○
- 13 Detection of a Diverse Endophyte Assemblage within Fungal Communities Associated with the Arundo Leaf Miner, Lasioptera donacis (Diptera: Cecidomyiidae). **2023**, 15, 571 ○
- 12 Towards resolving Nothophaeocryptopus and Rhizosphaera inhabitants of spruce needles. ○
- 11 Molecular Phylogeny and Morphology of Tolypocladium globosum sp. nov. Isolated from Soil in Korea. 1-8 ○
- 10 Aromatic Plants and Their Associated Arbuscular Mycorrhizal Fungi Outcompete Tuber melanosporum in Compatibility Assays with Truffle-Oaks. **2023**, 12, 628 ○
- 9 Species of the Colletotrichum spp., the Causal Agents of Leaf Spot on European Hornbeam (Carpinus betulus). **2023**, 9, 489 ○
- 8 Methods for identifying and measuring the diversity of ectomycorrhizal fungi. ○
- 7 Recovery of the soil fungal microbiome after steam disinfection to manage the plant pathogen Fusarium solani. 14, ○
- 6 Effects of recurrent summer droughts on arbuscular mycorrhizal and total fungal communities in experimental grasslands differing in plant diversity and community composition. 3, ○

- 5 A New Species and a New Record of the Genus *Phaeophyscia* Moberg (Lecanorales, Physciaceae) from Pakistan Supported by Phenotypic and Molecular Phylogenetic Analyses. **2023**, 44, ○
- 4 Application of *Clostridium butyricum*, *Rummeliibacillus suwonensis*, and *Issatchenkia orientalis* for Nongxiangxing baijiu fermentation: Improves the microbial communities and flavor of upper fermented grain. **2023**, 169, 112885 ○
- 3 Genomic and Secretomic Analyses of the Newly Isolated Fungus *Perenniporia fraxinea* SS3 Identified CAZymes Potentially Related to a Serious Pathogenesis of Hardwood Trees. ○
- 2 *Mycena* species can be opportunist-generalist plant root invaders. ○
- 1 *Humaria setimarginata* (Pyronemataceae, Ascomycota), una nueva especie de México. **2023**, ○