

# Soili Stenroos

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

2,965  
citations

257450

24  
h-index

197818

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49  
all docs

49  
docs citations

49  
times ranked

3002  
citing authors

| #  | ARTICLE  | IF  | CITATIONS |
|----|--|-----|-----------|
| 1  | The Ascomycota Tree of Life: A Phylum-wide Phylogeny Clarifies the Origin and Evolution of Fundamental Reproductive and Ecological Traits. <i>Systematic Biology</i> , 2009, 58, 224-239.                                    | 5.6 | 581       |
| 2  | Finding needles in haystacks: linking scientific names, reference specimens and molecular data for Fungi. <i>Database: the Journal of Biological Databases and Curation</i> , 2014, 2014, bau061-bau061.                     | 3.0 | 272       |
| 3  | A multigene phylogenetic synthesis for the class Lecanoromycetes (Ascomycota): 1307 fungi representing 1139 infrageneric taxa, 317 genera and 66 families. <i>Molecular Phylogenetics and Evolution</i> , 2014, 79, 132-168. | 2.7 | 248       |
| 4  | New insights into classification and evolution of the Lecanoromycetes (Pezizomycotina, Ascomycota) from phylogenetic analyses of three ribosomal RNA- and two protein-coding genes. <i>Mycologia</i> , 2006, 98, 1088-1103.  | 1.9 | 227       |
| 5  | Taxonomy based on science is necessary for global conservation. <i>PLoS Biology</i> , 2018, 16, e2005075.  | 5.6 | 149       |
| 6  | New insights into classification and evolution of the Lecanoromycetes (Pezizomycotina, Ascomycota) from phylogenetic analyses of three ribosomal RNA- and two protein-coding genes. <i>Mycologia</i> , 2006, 98, 1088-1103.  | 1.9 | 140       |
| 7  | Phylogeny of the Genus <i>Cladonia</i> s.lat. (Cladoniaceae, Ascomycetes) Inferred from Molecular, Morphological, and Chemical Data. <i>Cladistics</i> , 2002, 18, 237-278.  | 3.3 | 105       |
| 8  | Multiple origins of symbioses between ascomycetes and bryophytes suggested by a fiveâ€¢gene phylogeny. <i>Cladistics</i> , 2010, 26, 281-300.  | 3.3 | 89        |
| 9  | Implementing a cumulative supermatrix approach for a comprehensive phylogenetic study of the Teloschistales (Pezizomycotina, Ascomycota). <i>Molecular Phylogenetics and Evolution</i> , 2012, 63, 374-387.                  | 2.7 | 84        |
| 10 | New Genes for Phylogenetic Studies of Lichenized Fungi: Glyceraldehyde-3-Phosphate Dehydrogenase and Beta-Tubulin Genes. <i>Lichenologist</i> , 2002, 34, 237-246.   | 0.8 | 73        |
| 11 | A reappraisal of orders and families within the subclass Chaetothyriomycetidae (Eurotiomycetes,) Tj ETQq1 1 0.784314 rgBT /Overloc   | 1.4 | 62        |
| 12 | Phylogeny of cetrarioid lichens (Parmeliaceae) inferred from ITS and b-tubulin sequences, morphology, anatomy and secondary chemistry. <i>Mycological Progress</i> , 2002, 1, 335-354.                                       | 1.4 | 60        |
| 13 | Monophyletic groups within the Parmeliaceae identified by ITS rDNA, Î²-tubulin and GAPDH sequences. <i>Mycological Progress</i> , 2004, 3, 297-314.  | 1.4 | 59        |
| 14 | Phylogeny of bipolar <i>Cladonia arbuscula</i> and <i>Cladonia mitis</i> (Lecanorales, Euascomycetes). <i>Molecular Phylogenetics and Evolution</i> , 2003, 27, 58-69.   | 2.7 | 54        |
| 15 | New insights into classification and evolution of the Lecanoromycetes (Pezizomycotina, Ascomycota) from phylogenetic analyses of three ribosomal RNA- and two protein-coding genes. <i>Mycologia</i> , 2006, 98, 1088-103.   | 1.9 | 52        |
| 16 | High cyanobiont selectivity of epiphytic lichens in old growth boreal forest of Finland. <i>New Phytologist</i> , 2007, 173, 621-629.  | 7.3 | 50        |
| 17 | Culture experiments and DNA sequence data confirm the identity of <i>Lobaria</i> photomorphs. <i>Canadian Journal of Botany</i> , 2003, 81, 232-247.   | 1.1 | 47        |
| 18 | Phylogeny of the cetrarioid core (Parmeliaceae) based on five genetic markers. <i>Lichenologist</i> , 2009, 41, 489-511.   | 0.8 | 43        |

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|----|---|------|-----------|
| 19 | Phylogeny and taxonomy of the <i>Ā</i> mannia lichens <sup>TM</sup> . <i>Mycological Progress</i> , 2013, 12, 231-269.  | 1.4  | 41        |
| 20 | Phylogenetic hypotheses: Cladoniaceae, Stereocaulaceae, Baeomycetaceae, and Lecanophilaceae revisited. <i>Mycological Progress</i> , 2002, 1, 267-282.  | 1.4  | 38        |
| 21 | Pleistocene Speciation in North American Lichenized Fungi and the Impact of Alternative Species Circumscriptions and Rates of Molecular Evolution on Divergence Estimates. <i>PLoS ONE</i> , 2013, 8, e85240.               | 2.5  | 37        |
| 22 | High selectivity in symbiotic associations of lichenized ascomycetes and cyanobacteria. <i>Cladistics</i> , 2006, 22, 230-238.  | 3.3  | 35        |
| 23 | Phylogeny of the family Cladoniaceae (Lecanoromycetes, Ascomycota) based on sequences of multiple loci. <i>Cladistics</i> , 2019, 35, 351-384.  | 3.3  | 29        |
| 24 | Genetic diversity and species delimitation of the zeorin-containing red-fruited <i>Cladonia</i> species (lichenized Ascomycota) assessed with ITS rDNA and $\beta$ -tubulin data. <i>Lichenologist</i> , 2013, 45, 665-684. | 0.8  | 28        |
| 25 | Global Biodiversity Patterns of the Photobionts Associated with the Genus <i>Cladonia</i> (Lecanorales.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>  | 2.8  | 26        |
| 26 | Phylogenetic relationships of Stereocaulaceae based on simultaneous analysis of $\beta$ -tubulin, GAPDH and SSU rDNA sequences. <i>Taxon</i> , 2005, 54, 605-618.   | 0.7  | 25        |
| 27 | Multilocus approach to species recognition in the <i>Cladonia humilis</i> complex (Cladoniaceae.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>   | 1.7  | 25        |
| 28 | <i>Joergensenia</i> , a new genus to accommodate <i>Psoroma cephalodinum</i> (lichenized Ascomycota). <i>Mycological Research</i> , 2008, 112, 1465-1474.   | 2.5  | 24        |
| 29 | Successful DNA sequencing of a 75 year-old herbarium specimen of <i>Aspicilia aschabadensis</i> (J. Steiner) Mereschk.. <i>Lichenologist</i> , 2010, 42, 626-628.   | 0.8  | 23        |
| 30 | The phenotypic features used for distinguishing species within the <i>Cladonia furcata</i> complex are highly homoplasious. <i>Lichenologist</i> , 2015, 47, 287-303.   | 0.8  | 23        |
| 31 | <i>Pseudocyphellaria crocata</i> (Ascomycota: Lobariaceae) in the Americas is revealed to be thirteen species, and none of them is <i>P. crocata</i> . <i>Bryologist</i> , 2017, 120, 441.                                  | 0.6  | 22        |
| 32 | Expansion of the Stictidaceae by the addition of the saxicolous lichen-forming genus <i>Ingvariella</i> . <i>Mycologia</i> , 2011, 103, 755-763.  | 1.9  | 21        |
| 33 | Phylogeny of the Genus <i>Cladonia</i> s.lat. (Cladoniaceae, Ascomycetes) Inferred from Molecular, Morphological, and Chemical Data. <i>Cladistics</i> , 2002, 18, 237-278.   | 3.3  | 18        |
| 34 | A spectral analysis of common boreal ground lichen species. <i>Remote Sensing of Environment</i> , 2020, 247, 111955.   | 11.0 | 17        |
| 35 | An emendation of the genus <i>Hyaloscypha</i> to include <i>Fuscoscypha</i> (Hyaloscyphaceae, Helotiales.) <i>Tj ETQq1 1 0.784314 rgBT /Overlock</i>  | 0.4  | 17        |
| 36 | <i>Puttea</i> , gen. nov., erected for the enigmatic lichen <i>Lecidea margaritella</i> . <i>Bryologist</i> , 2009, 112, 544-557.   | 0.6  | 15        |

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|----|--|-----|-----------|
| 37 | <i>Teuvoa</i> , a new lichen genus in <i>Megasporaceae</i> (Ascomycota: <i>Pertusariales</i> ), including <i>Teuvoa junipericola</i> sp. nov.. <i>Lichenologist</i> , 2013, 45, 347-360.             | 0.8 | 15        |
| 38 | Taxonomy of <i>Cladonia angustiloba</i> and related species. <i>Lichenologist</i> , 2018, 50, 267-282.   | 0.8 | 15        |
| 39 | Phylogenetic position of the crustose <i>Stereocaulon</i> species. <i>Lichenologist</i> , 2014, 46, 103-114.   | 0.8 | 13        |
| 40 | Phylogenetic relationships among reindeer lichens of North America. <i>Lichenologist</i> , 2016, 48, 209-227.  | 0.8 | 13        |
| 41 | <i>Aspicilia rogeri</i> sp. nov. (Megasporaceae) and other allied vagrant species in North America. <i>Bryologist</i> , 2011, 114, 178-189.  | 0.6 | 10        |
| 42 | Phylogeny of <i>Cladonia uncialis</i> (Cladoniaceae, Lecanoromycetes) and its allies. <i>Lichenologist</i> , 2015, 47, 215-231.  | 0.8 | 10        |
| 43 | Genetic variation and factors affecting the genetic structure of the lichenicolous fungus <i>Heterocephalacria bachmannii</i> (Filobasidiales, Basidiomycota). <i>PLoS ONE</i> , 2017, 12, e0189603. | 2.5 | 9         |
| 44 | Three common bryophilous fungi with meristematic anamorphs and phylogenetic alliance to <i>Teratosphaeriaceae</i> , Capnodiales. <i>Fungal Biology</i> , 2014, 118, 956-969.                         | 2.5 | 6         |
| 45 | " <i>Cladonia verticillata</i> " ("Cladoniaceae", Ascomycota), new record to Iberian Peninsula. <i>Botanica Complutensis</i> , 1970, 37, 21.   | 0.1 | 4         |
| 46 | <i>Cladonia corymbescens</i> consists of two species. <i>Mycotaxon</i> , 2015, 130, 91-103.  | 0.3 | 3         |
| 47 | Configuration and location of pycnidia in the lichen genus <i>Cladonia</i> section <i>Perviae</i> . <i>Nova Hedwigia</i> , 1998, 66, 457-462.  | 0.4 | 3         |
| 48 | Additions to the global diversity of <i>Cladonia</i> . <i>Lichenologist</i> , 2016, 48, 517-526.   | 0.8 | 2         |