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Do photobiont switch and cephalodia emancipation act as evolutionary drivers in the lichen symbiosis? A case study in the Pannariaceae (Peltigerales)

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#	Paper	IF	Citations
37	Epiphloea belongs to Collemataceae (Lecanoromycetes, lichenized Ascomycota). <i>Lichenologist</i> , <b>2015</b> , 47, 369-378	1.1	7
36	Evolution of the tRNA <sup>Leu</sup> (UAA) Intron and Congruence of Genetic Markers in Lichen-Symbiotic Nostoc. <i>PLoS ONE</i> , <b>2015</b> , 10, e0131223	3.7	8
35	The lichen genus Kroswia is a synonym of Fuscopannaria (Pannariaceae). <i>Lichenologist</i> , <b>2015</b> , 47, 35-42	1.1	8
34	Recent literature on lichens	0.7	36
33	Dismantling the treasured flagship lichen <i>Sticta fuliginosa</i> (Peltigerales) into four species in Western Europe. <i>Mycological Progress</i> , <b>2015</b> , 14, 1	1.9	30
32	Molecular phylogeny and ultrastructure of the lichen microalga <i>Asterochloris mediterranea</i> sp. nov. from Mediterranean and Canary Islands ecosystems. <i>International Journal of Systematic and Evolutionary Microbiology</i> , <b>2015</b> , 65, 1838-1854	2.2	35
31	Gibbosporina, a new genus for foliose and tripartite, Palaeotropic Pannariaceae species previously assigned to Psoroma. <i>Lichenologist</i> , <b>2016</b> , 48, 13-52	1.1	13
30	Cryptic diversity and symbiont interactions in rock-posed lichens. <i>Molecular Phylogenetics and Evolution</i> , <b>2016</b> , 99, 261-274	4.1	33
29	Diversity and phylogenetic survey of cyanobacterial lichens (Collematineae, Ascomycota) in mangrove forests of eastern Thailand. <i>Bryologist</i> , <b>2016</b> , 119, 123	0.7	7
28	Schizoxylon as an experimental model for studying interkingdom symbiosis. <i>FEMS Microbiology Ecology</i> , <b>2016</b> , 92,	4.3	7
27	Macroevolution of Specificity in Cyanolichens of the Genus <i>Peltigera</i> Section <i>Polydactylon</i> (Lecanoromycetes, Ascomycota). <i>Systematic Biology</i> , <b>2017</b> , 66, 74-99	8.4	41
26	Cyanobacteria in Terrestrial Symbiotic Systems. <b>2017</b> , 243-294		10
25	Lichen acclimation to changing environments: Photobiont switching vs. climate-specific uniqueness in. <i>Ecology and Evolution</i> , <b>2017</b> , 7, 2560-2574	2.8	29
24	Notes for genera: Ascomycota. <i>Fungal Diversity</i> , <b>2017</b> , 86, 1-594	17.6	151
23	New Species and New Records of Lichens and Lichenicolous Fungi from the Seychelles. <i>Herzogia</i> , <b>2017</b> , 30, 182-236	0.3	14
22	Phylogenetic signal of photobiont switches in the lichen genus <i>Pseudocyphellaria</i> s. l. follows a Brownian motion model. <i>Symbiosis</i> , <b>2017</b> , 72, 215-223	3	1
21	Photobiont switching causes changes in the reproduction strategy and phenotypic dimorphism in the Arthoniomycetes. <i>Scientific Reports</i> , <b>2018</b> , 8, 4952	4.9	30

20	Contrasting Symbiotic Patterns in Two Closely Related Lineages of Trimembered Lichens of the Genus. <i>Frontiers in Microbiology</i> , <b>2018</b> , 9, 2770	5.7	14
19	Species delimitation at a global scale reveals high species richness with complex biogeography and patterns of symbiont association in <i>Peltigera</i> section <i>Peltigera</i> (lichenized Ascomycota: Lecanoromycetes). <i>Taxon</i> , <b>2018</b> , 67, 836-870	0.8	29
18	<i>Leightoniella zeylanensis</i> belongs to the Pannariaceae. <i>Nordic Journal of Botany</i> , <b>2018</b> , 36, e01880	1.1	3
17	<i>Psoroma spinuliferum</i> (Pannariaceae), a new corticolous lichen species from Alaska with two different types of cephalodia. <i>Bryologist</i> , <b>2018</b> , 121, 166-173	0.7	2
16	A taxonomically broad metagenomic survey of 339 species spanning 57 families suggests cystobasidiomycete yeasts are not ubiquitous across all lichens. <i>American Journal of Botany</i> , <b>2019</b> , 106, 1090-1095	2.7	20
15	The macroevolutionary dynamics of symbiotic and phenotypic diversification in lichens. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2020</b> , 117, 21495-21503	11.5	15
14	<i>Hispidopannaria</i> and <i>Phormopsora</i> , two new and small, but evolutionary old Pannariaceae lichen genera from southern South America. <i>Mycological Progress</i> , <b>2020</b> , 19, 1353-1364	1.9	1
13	Cophylogenetic patterns in algal symbionts correlate with repeated symbiont switches during diversification and geographic expansion of lichen-forming fungi in the genus <i>Sticta</i> (Ascomycota, Peltigeraceae). <i>Molecular Phylogenetics and Evolution</i> , <b>2020</b> , 150, 106860	4.1	5
12	Phylogenetic evidence for an expanded circumscription of <i>Gabura</i> (Arctomiaceae). <i>Lichenologist</i> , <b>2020</b> , 52, 3-15	1.1	1
11	Extensive photobiont sharing in a rapidly radiating cyanolichen clade. <i>Molecular Ecology</i> , <b>2021</b> , 30, 1755-1776	3.7	12
10	Sharing and double-dating in the lichen world. <i>Molecular Ecology</i> , <b>2021</b> , 30, 1751-1754	5.7	3
9	<i>Gibbosporina cyanea</i> (Pannariaceae), a new bipartite cyanolichen from Sri Lanka with comparisons to related palaeotropical cyanogenera. <i>Lichenologist</i> , <b>2021</b> , 53, 291-298	1.1	
8	Species in lichen-forming fungi: balancing between conceptual and practical considerations, and between phenotype and phylogenomics. <i>Fungal Diversity</i> , <b>2021</b> , 109, 99	17.6	13
7	Exploring syntenic conservation across genomes for phylogenetic studies of organisms subjected to horizontal gene transfers: A case study with Cyanobacteria and cyanolichens. <i>Molecular Phylogenetics and Evolution</i> , <b>2021</b> , 162, 107100	4.1	2
6	Lichen algae: the photosynthetic partners in lichen symbioses. <i>Lichenologist</i> , <b>2021</b> , 53, 347-393	1.1	7
5	<i>Hondaria</i> , a new genus of Collemataceae (Ascomycota lichenized) from South America. <i>Acta Botanica Brasílica</i> , <b>2020</b> , 34, 615-622	1	0
4	Data_Sheet_1.DOCX. <b>2018</b> ,		
3	The diversity of lichenized trentepohlioid algae (Ulvophyceae) communities is driven by fungal taxonomy and ecological factors.. <i>Journal of Phycology</i> , <b>2022</b> ,	3	1

- 2 An integrative study of *Pannaria hookeri* (Ascomycota lichenized) from Argentina and the update of the taxon circumscription based on specimens from the Northern and Southern Hemispheres. 36, ○
- 1 Symbiont-specific responses to environmental cues in a threesome lichen symbiosis. ○