

Recent literature on lichens—270

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- Adelizzi, R., E. A. O'Brien, M. Hoellrich, J. A. Rudgers, M. Mann, V. M. C. Fernandes, A. Darrouzet-Nardi & E. Stricker. 2022. Disturbance to biocrusts decreased cyanobacteria, N-fixer abundance, and grass leaf N but increased fungal abundance. *Ecology* 103(4): e3656.
- Aguirre-Hudson, B. 2021. *Parmelina carporrhizans* and *P. quercina* in Britain: A tale of misunderstanding and loss. *British Lichen Society Bulletin* 128: 34–41.
- Ahmadian, N., M. Abedi, A. Escudero, M. Sohrabi & A. L. Luzuriaga. 2022. *Artemisia sieberi* dominated landscapes of Northeastern Iran host great diversity in lichen and annual plant species. *Flora* 288: 152019.
- Alavi, M. & N. Karimi. 2020[2019]. Hemoglobin self-assembly and antibacterial activities of bio-modified Ag-MgO nanocomposites by different concentrations of *Artemisia haussknechtii* and *Protoparmeliopsis muralis* extracts. *International Journal of Biological Macromolecules* 152: 1174–1185.
- Albornoz, L., A. Torres-Benítez, M. Moreno-Palacios, M. J. Simirgiotis, S. A. Montoya-Serrano, B. Sepulveda, E. Stashenko, O. García-Beltrán & C. Areche. 2022. Phylogenetic studies and metabolite analysis of *Sticta* species from Colombia and Chile by ultra-high performance liquid chromatography-high resolution-q-orbitrap-mass spectrometry. *Metabolites* 12(2): 156.
- Allen, J. L. & J. C. Lendemer. 2022. A call to reconceptualize lichen symbioses. *Trends in Ecology and Evolution* 37: 582–589.
- Allen, J. L. & C. Scheidegger. 2022. Short Communication: Co-occurring *Lobaria pulmonaria* and *Ricasolia quercizans* share green algal photobionts: Consequences for conservation. *The Bryologist* 125(2): 219–221.
- Anderson, F., M. Bouchard, C. Boudreault, J. McCarthy & C. Hanel. 2022. Noteworthy range extensions of two lichens in eastern Canada: *Erioderma pedicellatum* (Pannariaceae) new to Québec and *Parmelia fraudans* (Parmeliaceae) new to Nova Scotia. *Evansia* 39(1): 20–28.
- Apostolova, I., D. Sopotlieva, M. Valcheva, A. Ganeva, V. Shivarov, N. Velez, K. Vassilev, T. Terziyska & G. Nekhrizov. 2022. First survey of the vascular and cryptogam flora on Bulgaria's ancient mounds. *Plants* 11(5): 705. [Includes 61 lichen species.]
- Aptroot, A., M. F. de Souza, M. E. S. Cáceres, L. A. dos Santos & A. A. Spielmann. 2022. New lichen records from Brazil. *Archive for Lichenology* 31: 1–51.
- Armaleo, D. & L. Chiou. 2021. [Preprint] Modeling in yeast how rDNA introns slow growth and increase desiccation tolerance in lichens. *bioRxiv*: 10.1101/2021.05.01.442275.
- Asplund, J., K. van Zuijlen, R. E. Roos, T. Birkemoe, K. Klanderud, S. I. Lang & D. A. Wardle. 2022. Divergent responses of functional diversity to an elevational gradient for vascular plants, bryophytes and lichens. *Journal of Vegetation Science* 33(1): e13105.
- Barbosa, S. B., S. R. Machado & M. P. Marcelli. 2010. Thallus anatomy of *Canoparmelia texana* (Parmeliaceae, lichenized Ascomycota). *Biota Neotropica* 10(3): 149–154.
- Bargali, H., A. Kumar & P. Singh. 2022. Plant studies in Uttarakhand, Western Himalaya—A comprehensive review. *Trees, Forests and People* 8: 100203. [Demonstrates lichens are understudied in the region.]
- Belguidoum, A., R. Haichour, T. Lograda & M. Ramdani. 2022. Biomonitoring of air pollution by lichen diversity in the urban area of Setif, Algeria. *Biodiversitas* 23(2): 970–981.
- Bharti, S., S. Nayaka & R. Kumar. 2022. Evaluation of some traditional therapeutic properties of *Usnea longissima* (Ascomycota, Lichenized Fungi): Antimicrobial, antiquorum and antioxidant. *Journal of Microbiology, Biotechnology and Food Sciences* 11(4): e3163.
- Bianchi, E., R. Benesperi, P. Giordani, L. Martire, S. E. Favero-Longo & S. Loppi. 2022. Wood distillate as an alternative bio-based product against lichens on sandstone. *International Biodeterioration & Biodegradation* 170: 105386.
- Borgato, L., D. Ertz, F. van Rossum & A. Verbeke. 2022. The diversity of lichenized trentepohlioid algae (Ulvophyceae) communities is driven by fungal taxonomy and ecological factors. *Journal of Phycology* 58(4): 582–602.
- Cannon, P., B. Coppins, A. Fletcher, N. Sanderson, J. Simkin & P. van den Boom. 2022. Caliciales: Leprocaulaceae, including the genera *Halecania* and *Leprocaulon*. *Revisions of British and Irish Lichens* 23: 1–8. [Treatment with keys, descriptions and maps.]
- Cannon, P., B. Coppins, A. Orange, N. Sanderson & J. Simkin. 2021. Candelariales: Candelariaceae, including the genera *Candelaria* and *Candelariella*. *Revisions of British and Irish Lichens* 21: 1–8. [Treatment with keys, descriptions and maps.]
- Cannon, P., N. Magain, E. Sérusiaux, R. Yahr, B. Coppins, N. Sanderson & J. Simkin. 2021. Peltigerales: Peltigeraceae, including the genera *Crocodia*, *Lobaria*, *Lobarina*, *Nephroma*, *Peltigera*, *Pseudocyphellaria*, *Ricasolia*, *Solorina* and *Sticta*. *Revisions of*

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DOI: 10.1639/0007-2745-126.3.417

- British and Irish Lichens 20: 1–34. [Treatment with keys, descriptions and maps.]
- Cannon, P., A. Orange, A. Aptroot, B. Coppins, A. Fletcher, A. Fryday, N. Sanderson, J. Simkin & P. van den Boom. 2022. Caliciales: Catillariaceae, including the genera *Catillaria* and *Solenopsisora*. Revisions of British and Irish Lichens 22: 1–13. [New: *C. baliola* (Nyl.) Orange (\equiv *Lecidea baliola* Nyl.). Treatment with keys, descriptions and maps.]
- Catán, S. P., D. Bubach, M. I. Messuti, M. A. Arribére & S. R. Guevara. 2022. Mercury and REE contents in fruticose lichens from volcanic areas of the south volcanic zone. *Atmospheric Pollution Research* 13(4): 101384.
- Černajová, I., U. Schiefelbein & P. Škaloud. 2022. Lichens from the littoral zone host diverse Ulvophyceae photobionts. *Journal of Phycology* 58(2): 267–280.
- Challacombe, J. F., C. N. Hesse, L. M. Bramer, L. A. McCue, M. Lipton, S. Purvine, C. Nicora, V. Gallegos-Graves, A. Porrás-Alfaro & C. R. Kuske. 2019. Genomes and secretomes of Ascomycota fungi reveal diverse functions in plant biomass decomposition and pathogenesis. *BMC Genomics* 20(1): 976.
- Chételat, J., B. Cousens, C. E. Hebert, T. S. Jung, L. Mundy, P. J. Thomas & S. Zhang. 2022. Isotopic evidence for bioaccumulation of aerosol lead in fish and wildlife of western Canada. *Environmental Pollution* 302: 119074. [Lead content of lichens was also studied.]
- Chmura, D., J. Żarnowiec & M. Staniaszek-Kik. 2022. Altitude is a better predictor of the habitat requirements of epixylic bryophytes and lichens than the presence of coarse woody debris in mountain forests: A study in Poland. *Annals of Forest Science* 79(1): 7.
- Choi, E., A. Huh, C. Oh, J.-I. Oh, H. Y. Kang & J. Hwang. 2022. Functional characterization of HigBA toxin-antitoxin system in an Arctic bacterium, *Bosea* sp. PAMC 26642. *Journal of Microbiology* 60(2): 192–206. [The bacterium was obtained from lichen samples.]
- Chowaniec, K. & K. Rola. 2022. Evaluation of the importance of ionic and osmotic components of salt stress on the photosynthetic efficiency of epiphytic lichens. *Physiology and Molecular Biology of Plants* 28: 107–121.
- Cichowski, D., G. D. Sutherland, R. S. McNay & R. Sulyma. 2022. Direct and indirect effects of habitat disturbances on caribou terrestrial forage lichens in montane forests of British Columbia. *Forests* 13(2): 251.
- Cleaver, A. E., H. P. White, C. J. Rickwood, H. E. Jamieson & P. Huntsman. 2022. Field comparison of fugitive tailings dust sampling and monitoring methods. *Science of the Total Environment* 823: 153409.
- Coyle, J. 2020. California lichenology and the City Nature Challenge. *Bulletin of the California Lichen Society* 27(1): 8–13.
- Curtis, T. J. & J. C. Lendemer. 2022. A new species of *Haleciana* (Leprocaulaceae, Lecanoromycetes) from eastern North America. *Journal of the Torrey Botanical Society* 149(1): 79–85. [New (from U.S.A.): *H. robertcurtisii* T.J.Curtis & Lendemer.]
- Daimari, R., P. Bhuyan, S. Hussain, S. Nayaka, M. A. J. Mazumder & R. R. Hoque. 2020. Biomonitoring by epiphytic lichen species—*Pyxine cocoes* (Sw.) Nyl.: Understanding characteristics of trace metal in ambient air of different land uses in mid-Brahmaputra Valley. *Environmental Monitoring and Assessment* 192(1): 37.
- Dal Forno, M., J. D. Lawrey, B. Moncada, F. Bungartz, M. Grube, E. Schuettelpelz & R. Lücking. 2022. DNA barcoding of fresh and historical collections of lichen-forming Basidiomycetes in the genera *Cora* and *Corella* (Agaricales: Hygrophoraceae): A success story? *Diversity* 14: 284.
- Dart, J., E. B. Peterson & J. Hollinger. 2020. New and interesting records of lichens from California. *Bulletin of the California Lichen Society* 27(1): 14–23. [Includes: *Acolium* sp., “*Aspicilia desertorum*” group, *Aspicilia filiformis* Rosentreter, *Calicium montanum* Tibell, *Psora pruinosa* Timdal, *Candelariella antennaria* Räsänen, *Texosporium sancti-jacobi* (Tuck.) Nád., *Strangospora moriformis* (Ach.) Stein.]
- Davydov, E. 2022. On the status of *Umbilicaria aprina* var. *halei* and *U. canescens* (Umbilicariaceae, lichenized Ascomycota). *Phytotaxa* 533(1): 91–97. [*Gyrophora canescens* Domb. synonymized with *U. aprina*, *U. aprina* Nyl. var. *halei* Llano with *U. rhizinata*.]
- Davydov, E. 2022. *Umbilicaria platyrhiza*—a new Mediterranean endemic species of the subgenus *Papillophora* (Umbilicariaceae, lichenized Ascomycota). *Phytotaxa* 533(2): 143–148. [New: *U. platyrhiza* Davydov (from Bulgaria & Turkey).]
- Davydov, E. A. & D. Masson. 2022. *Umbilicaria meizospora* comb. nov., a south-western European endemic species of the subgenus *Papillophora*. *The Lichenologist* 54(1): 1–12. [New: *U. meizospora* (Harm.) D.M.Masson & Davydov (\equiv *U. hirsuta* var. *meizospora* Harm., lectotypified). *Umbilicaria crustulosa* var. *badiofusca* Frey lectotypified and synonymized with *U. meizospora*.]
- de Gea, A.B., M. Verdú, M. Villar-de Pablo & S. Pérez-Ortega. 2022. [Preprint] The interplay between habitat fragmentation and life traits affects specialization in lichen symbioses. *bioRxiv*: 10.1101/2022.03.30.485788.
- Denchev, C. M., V. V. Shivarov, T. T. Denchev & H. Mayrhofer. 2022. Checklist of the lichenized and lichenicolous fungi in Bulgaria. *Mycobiota* 12: 1–106.
- Di Nuzzo, L., R. Benesperi, J. Nascimbene, A. Papini, P. Malaspina, G. Incerti & P. Giordani. 2022. Little time left. Microrefuges may fail in mitigating the effects of climate change on epiphytic lichens. *Science of The Total Environment* 825: 153943.
- Di Nuzzo, L., P. Giordani, R. Benesperi, G. Brunialti, Z. Fačková, L. Frati, J. Nascimbene, S. Ravera, C. Vallese, L. Paoli & E. Bianchi. 2022. Microclimatic alteration after logging affects the growth of the endangered lichen *Lobaria pulmonaria*. *Plants* 11(3): 295.
- Diaz-Allen, C., R. W. Spjut, A. D. Kinghorn & H. L. Rakotondraibe. 2022. Prioritizing natural product compounds using 1D-TOCSY NMR spectroscopy. *Trends in Organic Chemistry* 22: 99–114.
- Egea, J. M. 1996. Catalogue of lichenized and lichenicolous fungi of Morocco. *Bocconea* 6: 19–114.
- Elix, J. A. 2022. Four new species of buellioid lichens (Caliciaceae, Ascomycota) from Australia. *Australasian Lichenology* 90: 3–9. [New (all from Australia): *Amandinea meridionalis* Elix, *A. wagooroensis* Elix, *Buellia gaahnabulensis* Elix, *B. purdieae* Elix.]
- Elix, J. A. & P. M. McCarthy. 2022. Additional lichen records from Australia 88. *Australasian Lichenology* 90: 57–69.
- Elix, J. A. & P. P. G. van den Boom. 2022. Three new species of buellioid lichens (Caliciaceae, Ascomycota) from Cape Verde. *Australasian Lichenology* 90: 18–23. [New (all from Cape Verde): *Amandinea santantaoensis* Elix & van den Boom, *Buellia rugulata* Elix & van den Boom, *Cratiria capeverdensis* Elix & van den Boom.]
- Elvebakk, A. 2022. *Pannaria crispella* comb. nov. and *P. campbelliana* Hue, two overlooked lichens from New Zealand. *Australasian Lichenology* 90: 28–37. [New: *Pannaria crispella* (Nyl.) Elvebakk (\equiv *Psoroma sphinctrinum* var. *crispellum* Nyl.).]

- Elvebakk, A. 2022. *Psoroma femsjonense* (Fr.) Trevis., a misunderstood species possibly extinct from Europe. *Graphis Scripta* 34(2): 22–35.
- Ertz, D. & P. Diederich. 2022. Unravelling the diversity of the lichen genus *Porina* (Porinaceae) in Mauritius. *Plant Ecology and Evolution* 155(1): 123–152. [New (all from Mauritius): *P. covidii* Ertz & Diederich, *P. griffithsii* Ertz & Diederich, *P. mauritiana* Ertz & Diederich, *P. nuculoides* Ertz & Diederich, *P. rupicola* Ertz & Diederich. Includes key to non-sterile Porinaceae in Mauritius.]
- Favero-Longo, S. E., M. L. Tabasso, F. Brigadeci, M.-C. Capua, A. Morelli, P. Pastorello, M. Sohrabi, A. A. Chaverdi & P. Callieri. 2022. A first assessment of the biocidal efficacy of plant essential oils against lichens on stone cultural heritage, and the importance of evaluating suitable application protocols. *Journal of Cultural Heritage* 55: 68–77.
- Fernández-Marín, B., O. Buchner, G. Kastberger, F. Piombino, J. I. García-Plazaola & I. Kranner. 2019. Non-invasive diagnosis of viability in seeds and lichens by infrared thermography under controlled environmental conditions. *Plant Methods* 15(1): 147.
- Ferron, S., P. Jehan, X. Guillory & P. Uriac. 2022. Intramolecular transesterification of depsides yields fluorescent 1H-isochromen-1-ones: Application as a chemical probe for lichen determination. *Phytochemistry* 198: 113139.
- Feuerstein, S. C., A. Aptroot, R. M. B. da Silveira, R. Lücking & M. E. S. Cáceres. 2022. An updated world key to the species of *Acanthothecis* s. lat. (Ascomycota: Graphidaceae), with ten new species from Brazil. *The Lichenologist* 54(2): 87–99. [New (all new species from Brazil): *A. bicellularis* (Sipman & Lücking) Lücking (\equiv *Acanthotrema bicellulare* Sipman & Lücking), *A. bicellulata* Staiger & Kalb, *A. farinosa* Staiger & Kalb, *A. latispora* Feuerstein & Silveira, *A. megalospora* Feuerstein & Lücking, *A. multiseptata* Aptroot, Lücking & M. Cáceres, *A. norstictica* Aptroot, Lücking & M. Cáceres, *A. oryzoides* Aptroot, Lücking & M. Cáceres, *A. rimosa* Aptroot, Lücking & M. Cáceres, *A. roseola* Feuerstein, *A. saxicola* Aptroot, Lücking & M. Cáceres, *A. subabaphoides* Staiger & Kalb, *A. subfarinosa* Feuerstein, *A. submuriiformis* Aptroot, Lücking & M. Cáceres. Includes key to *Acanthothecis*.]
- Feuerstein, S. C., R. Lücking & R. M. B. Silveira. 2022. A worldwide key to species of *Carbacanthographis* (Graphidaceae), with 17 species new to science. *The Lichenologist* 54(1): 45–70. [New: *C. acanthoamicta* Feuerstein & Lücking (from Papua New Guinea), *C. acanthoparaphysata* Feuerstein & Lücking (from Papua New Guinea), *C. aggregata* Feuerstein & Lücking (from China & Malaysia), *C. amazonica* Feuerstein & Lücking (from Colombia, French Guiana & Surinam), *C. brasiliensis* Feuerstein & Lücking (from Brazil), *C. chionophoroides* Feuerstein & Lücking (from Brazil & Colombia), *C. halei* Feuerstein & Lücking (from Malaysia), *C. latispora* Feuerstein & Lücking (from Venezuela), *C. megalospora* Feuerstein & R.M.Silveira (from Brazil), *C. multiseptata* Feuerstein & Lücking (from Venezuela), *C. novoguineensis* Feuerstein & Lücking (from Papua New Guinea), *C. pseudorustica* Feuerstein & Lücking (from Malaysia), *C. salazinioides* Feuerstein & Lücking (from Papua New Guinea), *C. sipmaniana* Feuerstein & Lücking (from Malaysia), *C. spongiosa* Feuerstein & Lücking (from Brazil), *C. subchionophora* Feuerstein & Lücking (from Brazil & Papua New Guinea). Includes key.]
- Gerasimova, J., A. Beck, S. Werth & P. Resl. 2022. [Preprint] High diversity of type I polyketide genes in *Bacidia rubella* as revealed by the comparative analysis of 23 lichen fungal genomes. bioRxiv: 10.1101/2022.02.10.479404.
- Giralt, M., K. Kalb & H. Mayrhofer. 2009. *Rinodina brasiliensis*, a new corticolous isidiate species, and closely related taxa. *The Lichenologist* 41(2): 179–187. [New: *R. brasiliensis* Giralt, Kalb & H. Mayrhofer (from Brazil). Includes key to *R. dolichospora* group.]
- Gueidan, C. & L. Li. 2022. A long-read amplicon approach to scaling up the metabarcoding of lichen herbarium specimens. *MycKeys* 86: 195–212.
- Guzmán Q., J. A., K. Laakso, J. C. López-Rodríguez, B. Rivard & G. A. Sánchez-Azofeifa. 2020. Using visible-near-infrared spectroscopy to classify lichens at a Neotropical Dry Forest. *Ecological Indicators* 111: 105999.
- Guzow-Krzemińska, B., K. Guzow & A. Herman-Antosiewicz. 2019. Usnic acid derivatives as cytotoxic agents against cancer cells and the mechanisms of their activity. *Current Pharmacology Reports* 5: 429–439.
- Holien, H. & A. Frisch. 2022. *Perigrapha superveniens* (Nyl.) Hafellner, a lichenicolous fungus new to Fennoscandia from Norway. *Graphis Scripta* 34(3): 36–41.
- Hollinger, J., T. Carlberg & J. Dart. 2020. Showcasing *Palicella schizochromatica* in California: A widespread and underappreciated species. *Bulletin of the California Lichen Society* 27(1): 1–5.
- Hollinger, J. & N. Noell. 2020. New reports of Great Basin Desert lichens in California. *Bulletin of the California Lichen Society* 27(2): 47–55.
- Honda, N. K., T. I. B. Lopes, R. C. S. Costa, R. G. Coelho, N. C. Yoshida, C. R. Rivarola, M. P. Marcelli & A. A. Spielmann. 2015. Radical-scavenging potential of phenolic compounds from Brazilian lichens. *Orbital* 7(2): 99–107.
- Honegger, R. 1990. Surface interactions in lichens. *Experimental Phycology* 1: 40–54.
- Jordal, J. B., H. Holien & B. Nordén. 2022. *Melaspilea bagliettoana* new to Fennoscandia. *Graphis Scripta* 34(1): 1–6.
- Jungbluth, P., M. P. Marcelli & K. Kalb. 2011. A new species and a new record of *Pyxine* (Physciaceae) with norstictic acid from São Paulo State, Brazil. *Mycotaxon* 115: 435–442. [New: *P. jolyana* Jungbluth, Kalb & Marcelli (from Brazil). *Pyxine retiruggella* var. *capitata* Zahlbr. synonymized with *P. fallax*. Includes key to *Pyxine* with norstictic acid.]
- Kaasalainen, U., V. Tuovinen, G. Mwachala, P. Pellikka & J. Rikkinen. 2021. Complex interaction networks among cyanolichens of a tropical biodiversity hotspot. *Frontiers in Microbiology* 12: 672333.
- Kalb, K. 2001. New or otherwise interesting lichens. I. *Bibliotheca Lichenologica* 78: 141–167. [New: *Caloplaca bispora* Kalb (from Venezuela), *Chrysothrix frischii* Kalb (from Tanzania), *Chrysothrix xanthina* (Vain.) Kalb (\equiv *Lepraria xanthina* Vain.), *Dirinaria minuta* Kalb (from Australia), *D. pruinosa* Kalb (from Brazil), *Phaeographis brasiliensis* (A.Massal.) Kalb & Matthes-Leicht (\equiv *Creographa brasiliensis* A.Massal.), *Phyllopettula* Kalb (type: *P. corticola*), *Phyllopettula corticola* (Büdel & R.Sant.) Kalb (\equiv *Peltula corticola* Büdel & R.Sant.), *Phyllopettula steppae* Kalb (from Paraguay & Venezuela), *Ramboldia crassithallina* Kalb (from Australia), *Ramboldia sorediata* Kalb (from Australia), *Ramonia elixü* Kalb (from Tanzania), *Ramonia eungellae* Kalb (from Australia), *Sphinctrina ophioparmae* Kalb (on *Ophioparrna araucariae* from Chile). Lectotypified: *Phaeographis neotricosa* f. *virgatula* Redinger (\equiv *P. neotricosa*). Includes key to *Dirinaria* in Australia.]

- Kalb, K. 2022. The lichen genus *Catillochroma* (Ascomycota, Ramalinaceae). Three new species and eight new combinations. *Archive for Lichenology* 30: 1–14. [New: *Catillochroma alleniae* (McMullin & Lendemer) Kalb (\equiv *Megalaria allenae* [sic] McMullin & Lendemer), *C. alligatorensis* (Lendemer) Kalb (\equiv *M. alligatorensis* Lendemer), *C. beechingii* (Lendemer) Kalb (\equiv *M. beechingii* Lendemer), *C. bicoloratum* (Vain.) Kalb (\equiv *Catillaria bicolorata* Vain.), *C. coralloideum* (P.M.McCarthy & Elix) Kalb (\equiv *M. coralloidea* P.M.McCarthy & Elix), *C. danfordianum* Kalb (from Australia), *C. flavosorediatum* (Aptroot) Kalb (\equiv *M. flavosorediata* Aptroot), *C. hainanense* (Q.Ren) Kalb (\equiv *M. hainanensis* Q.Ren), *C. mareebaense* Kalb (from Australia), *C. phayapakistanum* Kalb (from Thailand), *C. yunnanense* (C.X. Wang & L.Hu) Kalb (\equiv *M. yunnanensis* C.X.Wang & L.Hu).]
- Kashiwadani, H., T. H. Nash III & K.-H. Moon. 2007. Two new species of the genus *Ramalina* (Ascomycotina: Ramalinaceae) from South America. *Bibliotheca Lichenologica* 95: 335–340. [New: *R. gallowayi* Kashiw., T.H.Nash & K.H.Moon (from Brazil), *R. osorioi* Kashiw., T.H.Nash & K.H.Moon (from Argentina & Uruguay). Includes key to the *R. osorioi* group in South America.]
- Keuler, R. 2020. More than what meets the eye: The complexities of identifying lichens in the age of DNA sequencing. *Bulletin of the California Lichen Society* 27(2): 56–59.
- Kidron, G. J. & R. Kronenfeld. 2022. Lithic cyanobacteria as bioindicators for dewless habitats within a dew desert. *Flora: Morphology, Distribution, Functional Ecology of Plants* 288: 152027.
- Knudsen, K., J. Hollinger, A. Götz & E. Hodková. 2021. A new name for a common desert lichen. *Bulletin of the California Lichen Society* 28(1): 8–11. [New: *A. leavittii* K.Knudsen & Hollinger nom. nov. pro. *Sarcogyne oligospora* H.Magn. non *A. oligospora* (Nyl.) Arnold.]
- Knudsen, K. & J. Kocourková. 2020. The real *Acarospora socialis*. *Bulletin of the California Lichen Society* 27(2): 41–45.
- Knudsen, K. & J. Kocourková. 2020. Notes on three new species described from California. *Bulletin of the California Lichen Society* 27(1): 6–7.
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