

## NOVÁ LICHENOLOGICKÁ LITERATURA XII.

## New lichenological literature, XII

Zdeněk P a l i c e

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- Ahti T., Jørgensen P. M., Kristinsson H., Moberg R., Søchting U. & Thor G. (eds.) (2002): Nordic Lichen Flora. Volume 2. *Physciaceae*. – Nordic Lichen Society, Uddevalla. [116 pp.]
- Alstrup V. & Hansen E. S. (2001): New lichens and lichenicolous fungi from Greenland. – *Gr. Scr.* 12: 41–50.
- Alvarez J., Paz-Bermúdez G. & Sánchez-Biezma M. J. (2001): Estudio quimiotaxonómico del género *Ramalina* Ach. (*Lecanorales, Ascomycotina*) en Galicia (NW de España). – *Crypt. Mycol.* 22: 271–287.
- Antesberger B. & Türk R. (2002): Flechten in Kulturlandschaften: Die Stadt Salzburg als Beispiel für einen urbanen Bereich. – *Mitt. Ges. Salzburg. Landeskd* 142: 359–408.
- Armstrong R. A. (2002): The effect of rock surface aspect on growth, size structure and competition in the lichen *Rhizocarpon geographicum*. – *Env. Experim. Bot.* 48: 187–194.
- Armstrong R. A. & Bradwell T. (2001): Variation in hypothallus width and the growth of the lichen *Rhizocarpon geographicum* (L.) DC. – *Symbiosis* 30: 317–328.
- Bartók K., Crisan F. & Coroi A. M. (2001): The lichen order *Caliciales* in Romania. – *Contributii Botanice, Cluj-Napoca*, 36: 25–40.
- Beck A. & Koop H.-U. (2001): Analysis of the photobiont population in lichens using a single-cell manipulator. – *Symbiosis* 31: 57–67.
- Beck A., Kasalicky T. & Rambold G. (2002): Myco-photobiontal selection in a Mediterranean cryptogam community with *Fulgensia fulgida*. – *New Phytol.* 153: 317–326.
- Bennett J. P. (2002): Algal layer ratios as indicators of air pollutant effects in *Parmelia sulcata*. – *Bryologist* 105: 104–110.
- Bielczyk U. & Kiszka J. (2000): Contribution to the lichen flora of western Ukraine. – *Fragm. Flor. Geobot.* 45: 493–500.
- Bielczyk U. & Kiszka J. (2001): The genus *Absoconditella* (*Stictidaceae, Ascomycota Lichenisati*) in Poland. – *Pol. Bot. J.* 46: 175–181.
- Bilovitz P. O. & Mayrhofer H. (2001): Epiphytische Flechten im Naturpark Sölktaier (Steiermark, Österreich). – *Fritschiana* 29: 1–52.
- Bjelland T., Saebo L. & Thorseth I. H. (2002): The occurrence of biomineralization products in four lichen species growing on sandstone in western Norway. – *Lichenologist* 34: 429–440.
- Blanco Y., Blanch M., Fontaniella B., Legaz M.-E., Millanes A. M., Pereira E. C. & Vicente C. (2002): Bioproduction of lichen phenolics by immobilized lichen cells with emphasis on the role of epiphytic bacteria. – *J. Hattori Bot. Lab.* 92: 245–260.
- Breuss O. & Brunnbauer W. (2001): Beitrag zur Kenntnis der Flechtenflora der Steiermark. Flechten von der Tauplitz. – *Linzer Biol. Beitr.* 33: 1035–1040.
- Calatayud V. & Aguirre-Hudson B. (2001): Observations on the genus *Cresporhaphis* (*Trichosphaeriaceae*), with a key to the known species, and *C. ulmi* sp. nov. – *Mycol. Res.* 105: 122–126.
- Calvelo S. & Liberatore S. (2002): Catálogo de los líquenes de la Argentina. – *Kurtziana* 29: 7–170.
- Cameron R. P. (2002): Habitat associations of epiphytic lichens in managed and unmanaged forest stands in Nova Scotia. – *Northeastern Naturalist* 9: 27–46.
- Cieśliński S. (2000): Biale Lugi Reserve: a refuge of the forest lichen flora of the Góry Swietokrzyskie Mts. – *Fragm. Flor. Geobot.* 45: 485–492.
- Cocchietto M., Skert N., Nimis P. L. & Sava G. (2002): A review on usnic acid, an interesting natural compound. – *Die Naturwissenschaften* 89: 137–146.
- Cooper E. J. & Wookey P. A. (2001): Field measurements of the growth rates of forage lichens, and the implications of grazing by Svalbard Reindeer. – *Symbiosis* 31: 173–186.
- Cornelissen J. H. C., Callaghan T. V., Alatalo J. M., Michelsen A., Graglia E., Hartley A. E., Hik D. S., Hobbie S. E., Press M. C., Robinson C. H., Henry G. H. R., Shaver G. R., Phoenix G. K., Jones D. G., Jonasson S., Chapin F. S., Molau U., Neill C., Lee J. A., Melillo J. M., Sveinbjörnsson B. & Aerts R.

- (2001): Global change and arctic ecosystems: is lichen decline a function of increases in vascular plant biomass? – *J. Ecol.* 89: 984–994.
- Coxson D. S. & Marsh J. (2001): Lichen chronosequence (postfire and postharvest) in lodgepole pine (*Pinus contorta*) forests of northern interior British Columbia. – *Can. J. Bot.* 79: 1449–1464.
- Csontos P., Lökös L. & Molnár K. (2000): Numerical analysis of lichen zones in Komárom, NW Hungary. – *Stud. Bot. Hung.* 30–31: 127–140.
- Czarnota P. & Kukwa M. (2001): Lichens of the genera *Lepraria* and *Leproloma* from the Gorce Mts (western Carpathians, Poland) and note on lichenicolous fungus *Paranectria oropensis* found on *Leproloma membranaceum*. – *Pol. Bot. J.* 46: 199–206.
- Dahlkild Å., Källersjö M., Lohtander K. & Tehler A. (2001): Photobiont diversity in *Physciaceae* (*Lecanorales*). – *Bryologist* 104: 527–536.
- Dahlman L., Näsholm T. & Palmqvist K. (2002): Growth, nitrogen uptake, and resource allocation in the two tripartite lichens *Nephroma arcticum* and *Peltigera aphthosa* during nitrogen stress. – *New Phytol.* 153: 307–315.
- Dettki H., Klintberg P. & Esseen P. A. (2000): Are epiphytic lichens in young forests limited by local dispersal? – *Ecoscience* 7: 317–325.
- Ekman S. (2001): Molecular phylogeny of the *Bacidiaceae* (*Lecanorales*, lichenized *Ascomycota*). – *Mycol. Res.* 105: 783–797.
- Ekman S. & Jørgensen P. M. (2002): Towards a molecular phylogeny for the lichen family *Pannariaceae* (*Lecanorales*, *Ascomycota*). – *Can. J. Bot.* 80: 625–634.
- Ekman S. & Tønsberg T. (2002): Most species of *Lepraria* and *Leproloma* form a monophyletic group closely related to *Stereocaulon*. – *Mycol. Res.* 106: 1262–1276.
- Etges S. & Ott S. (2001): Lichen mycobionts transplanted into the natural habitat. – *Symbiosis* 30: 191–206.
- Ferraro L. I., Lücking R. & Sérusiaux E. (2001): A world monograph of the lichen genus *Gyalectidium* (*Gomphillaceae*). – *Bot. J. Linn. Soc.* 137: 311–345.
- Farkas E., Lökös L. & Molnár K. (2000): Lichen mapping in Komárom, NW Hungary. – *Acta Bot. Hung.* 43: 147–162.
- Fletcher A., Wolseley P. & Woods R. (eds.) (2001): Lichen Habitat Management. – British Lichen Society, London. [156 pp.]
- Follmann G. & Buchenau J. (2002): Die Flechtenbesiedlung anthropogener Substrate auf Kölner Friedhöfen. – *Flora Colonia* 8: 49–69.
- Fryday A. M. (2001): Effects of grazing animals on upland/montane lichen vegetation in Great Britain. – *Bot. J. Scotland* 53: 1–19.
- Fryday A. M. (2002): A revision of the species of the *Rhizocarpon hochstetteri* group occurring in the British Isles. – *Lichenologist* 34: 451–477.
- Garty J., Kunin P., Delarea J. & Weiner S. (2002): Calcium oxalate and sulphate-containing structures on the thallial surface of the lichen *Ramalina lacera*: response to polluted air and simulated acid rain. – *Plant, Cell and Environment* 25: 1591–1604.
- Gassmann A. & Ott S. (2000): Growth strategy and the gradual symbiotic interactions of the lichen *Ochrolechia frigida*. – *Plant Biology* 2: 368–378.
- Gauslaa Y., Ohlson M., Solhaug K. A., Bilger W. & Nybakken L. (2001): Aspect-dependent high-irradiance damage in two transplanted foliose forest lichens, *Lobaria pulmonaria* and *Parmelia sulcata*. – *Can. J. Forest Res.* 31: 1639–1649.
- Grube M., Lindblom L. & Mayrhofer H. (2001): Contributions to the lichen flora of Crete: a compilation of references and some new records. – *Stud. Geobot.* 20: 41–59.
- Gu W.-D., Kuusinen M., Kontinen T. & Hanski I. (2001): Spatial pattern in the occurrence of the lichen *Lobaria pulmonaria* in managed and virgin boreal forests. – *Ecography* 24: 139–150.
- Günzl B. (2001): Die Bunte-Erdflechten-Gesellschaft (*Toninio-Psoretum decipientis* Stodiek 1937) in Nordhessen - aktuelle Erfassung und Gliederung. – *Tuexenia* 21: 179–191.
- Hafellner J. (2002): Ein Beitrag zur Diversität von lichenisierten und lichenicolen Pilzen im Gebiet der Gleinalpe (Steiermark, Österreich). – *Fritschiana* 25: 33–51.
- Häffner E., Lomsky B., Hynek V., Hällgren J. E., Batič F. & Pfanz H. (2001): Air pollution and lichen physiology. – *Water, Air, and Soil Pollution* 131: 185–201.
- Hansen E. S. (2000): A comparison among the lichen floras of three climatically different localities in South West Greenland. – *Mycotaxon* 74: 429–445.

- Hauck M., Hesse V. & Runge M. (2002): The significance of stemflow chemistry for epiphytic lichen diversity in a dieback-affected spruce forest on Mt Brocken, northern Germany. – *Lichenologist* 34: 415–427.
- Hilmo O. (2002): Growth and morphological response of old-forest lichens transplanted into a young and an old *Picea abies* forest. – *Ecography* 25: 329–335.
- Hilmo O. & Holien H. (2002): Epiphytic lichen response to the edge environment in a boreal *Picea abies* forest in central Norway. – *Bryologist* 105: 48–56.
- Hilmo O. & Sæstad S. M. (2001): Colonization of old-forest lichens in a young and an old boreal *Picea abies* forest: an experimental approach. – *Biol. Conserv.* 102: 251–259.
- Ihlen P.G. & Ekman S. (2002): Outline of phylogeny and character evolution in *Rhizocarpon* (*Rhizocarpaceae*, lichenized *Ascomycota*) based on nuclear ITS and mitochondrial SSU ribosomal DNA sequences. – *Biol. J. Linn. Soc.* 77: 535–546.
- Johansson P. & Gustafsson L. (2001): Red-listed and indicator lichens in woodland key habitats and production forests in Sweden. – *Can. J. Forest Res.* 31: 1617–1628.
- Kalapos T. & Mázsza K. (2001): Juniper shade enables terricolous lichens and mosses to maintain high photochemical efficiency in a semiarid temperate sand grassland. – *Photosynthetica* 39: 263–268.
- Kauff F. & Lutzoni F. (2002): Phylogeny of the *Gyalectales* and *Ostropales* (*Ascomycota*, *Fungi*): among and within order relationships based on nuclear ribosomal RNA small and large subunits. – *Mol. Phyl. Evol.* 25: 138–156.
- Kirschbaum U., Siegmund M. & Wirth V. (2002): Flächenbestimmung von Flechten zur ökologischen Langzeitbeobachtung. – *Herzogia* 15: 159–178.
- Kossowska M. (2000): Wstępna ocena lichenoflory jodły pospolitej *Abies alba* w Karkonoskim Parku Narodowym. – *Opera Corcontica, Vrchlabí*, 36: 481–485.
- Kossowska M. (2001): Epilithic lichens on serpentinite rocks in Poland. – *Pol. Bot. J.* 46: 191–197.
- Kranner I., Beckett R. P. & Varma A. K. (eds.) (2002): *Protocols in Lichenology. Culturing, Biochemistry, Ecophysiology and Use in Biomonitoring.* – Springer Verlag, Berlin & Heidelberg. [580 pp.]
- Kroken S. & Taylor J. W. (2001): Outcrossing and recombination in the lichenized fungus *Letharia*. – *Fung. Gen. Biol.* 34: 83–92.
- Llimona X. & Hladun N. L. (2001): Checklist of the lichens and lichenicolous fungi of the Iberian Peninsula and Balearic Islands. – *Bocconea* 14: 1–581.
- Llimona X., Lumbsch H. T. & Ott S. (eds.) (2002): *Progress and Problems in Lichenology at the Turn of the Millennium. Proceedings of the Fourth Symposium of the International Association for Lichenology (IAL4) held at the Universitat de Barcelona, Barcelona, Spain on 3.-8. September 2000.* – *Bibl. Lichenol.* 82, J. Cramer, Stuttgart & Berlin. [326 pp.]
- Llop E. & Hladun N. L. (2000): Contribución al estudio del género *Bacidina* (*Lichenes*) en la Península Ibérica. – *Portug. Acta Biol.* 19: 267–275.
- Lökös L. (2000): The lichen flora of the Villány Mts. – *Dunántúli Dolg. Term. Tud. Sorozat* 10: 13–35.
- Lökös L. & Farkas E. (2000): Contributions to the knowledge of lichens of the forests along the Fekete-Körös, SE Hungary. – *Stud. Bot. Hung.* 30–31: 69–78.
- Marcoci C.-N. & Mitituc M. (2001): Researches on the lichen flora from National Park Vanatori. – *Analele Stiintifice Ale Universitatii "Al. I. Cuza" din Iasi, Biol. Veget.*, 47: 123–127.
- McCarthy P. M. (ed.) (2001): *Flora of Australia. Volume 58A. Lichens 3.* – ABRS/CSIRO Australia, Melbourne. [242 pp.]
- McCune B. (2000): Lichen communities as indicators of forest health. – *Bryologist* 103: 353–356.
- Molina M. C., Crespo A., Blanco O., Hladun N. & Hawksworth D. L. (2002): Molecular phylogeny and status of *Diploicia* and *Diplotomma*, with observations on *Diploicia subcanescens* and *Diplotomma rivias-martinezii*. – *Lichenologist* 34: 509–519.
- Myllys L., Stenroos S. & Thell A. (2002): New genes for phylogenetic studies of lichenized fungi: glyceraldehyde-3-phosphate dehydrogenase and beta-tubulin genes. – *Lichenologist* 34: 237–246.
- Nimis P. L., Scheidegger C. & Wolseley P. A. (eds.) (2002): *Monitoring with Lichens – Monitoring Lichens.* – Kluwer Acad. Publ., The Netherlands. [408 pp.]
- Ohmura Y. (2002): Phylogenetic evaluation of infrageneric groups of the genus *Usnea* based on ITS regions in rDNA. – *J. Hattori Bot. Lab.* 92: 231–243.
- Orange A., James P. W. & White F. J. (2001): *Microchemical Methods for the Identification of Lichens.* – British Lichen Society, London. [101 pp.]

- Paulsrud P., Rikkinen J. & Lindblad P. (2000): Spatial patterns of photobiont diversity in some *Nostoc*-containing lichens. – *New Phytol.* 146: 291–299.
- Piercey-Normore M. D. & DePriest P. T. (2001): Algal switching among lichen symbionts. – *Amer. J. Bot.* 88: 1490–1498.
- Printzen C. & Ekman S. (2002): Genetic variability and its geographical distribution in the widely disjunct *Cavernularia hultenii*. – *Lichenologist* 34: 101–111.
- Printzen C. & May P. (2002): *Lecanora ramulicola* (*Lecanoraceae*, *Lecanorales*), an overlooked lichen species from the *Lecanora symmicta* group. – *Bryologist* 105: 63–69.
- Reiter R. & Türk R. (2001): Zur alpin-nivalen Flechtenflora am Hohen Sonnblick, Keeskogel und Kleinvenediger in den Hohen Tauern (Salzburg, Österreich). – *Linzer Biol. Beitr.* 33: 933–940.
- Rolstad J., Gjerde I., Storaunet K. O. & Rolstad E. (2001): Epiphytic lichens in Norwegian coastal spruce forest: historic logging and present forest structure. – *Ecol. Appl.* 11: 421–436.
- Ruchty A., Rosso A. L. & McCune B. (2001): Changes in epiphyte communities as the shrub, *Acer circinatum*, develops and ages. – *Bryologist* 104: 274–281.
- Scheidegger C., Mayrhofer H., Moberg R. & Tehler A. (2000): Estimating regional extinction probabilities and reduction in populations of rare epiphytic lichen-forming fungi. – *Forest, Snow and Landscape Research* 75: 415–433.
- Schmitt I., Mangold A. & Lumbsch H. T. (2002): Potential use of tRNA primers for fingerprinting in molecular lichen ecology and biogeography. – *Nova Hedw.* 74: 69–74.
- Schultz M. & Büdel B. (2002): Key to the genera of the *Lichinaceae*. – *Lichenologist* 34: 39–62.
- Schumm F. (2002): Dünnschichtchromatogramme – auch für den Amateur möglich. – *Akt. Lichenol. Mitt.* N.F. 9: 8–22.
- Spier J. L., Aptroot A., van Herk C. M. & Sparrius L. B. (2001): Determinatie van de Nederlandse baardmossen (*Usnea* spp.) op grond van dunne laag chromatografie (TLC) en morfologie. – *Buxbaumiella* 57: 26–35.
- Staiger B. (2002): Die Flechtenfamilie *Graphidaceae*. Studien in Richtung einer natürlicheren Gliederung. – *Bibl. Lichenol.* 85: 1–526.
- Stenroos S., Hyvönen J., Myllys L., Thell A. & Ahti T. (2002): Phylogeny of the genus *Cladonia* s.lat. (*Cladoniaceae*, *Ascomycetes*) inferred from molecular, morphological, and chemical data. – *Cladistics* 18: 237–278.
- Stocker-Wörgötter E. (2001): Experimental lichenology and microbiology of lichens: culture experiments, secondary chemistry of cultured mycobionts, resynthesis, and thallus morphogenesis. – *Bryologist* 104: 576–581.
- Sulyma R. & Coxson D. S. (2001): Microsite displacement of terrestrial lichens by feather moss mats in late seral pine-lichen woodlands of north-central British Columbia. – *Bryologist* 104: 505–516.
- Tehler A. & Källersjö M. (2001): *Parmeliopsis ambigua* and *P. hyperopta* (*Parmeliaceae*): species or chemotypes? – *Lichenologist* 33: 403–408.
- Tretiach M. & Baruffo L. (2001): Effects of H<sub>2</sub>S on CO<sub>2</sub> gas exchanges and growth rates of the epiphytic lichen *Parmelia sulcata* Taylor. – *Symbiosis* 31: 35–46.
- Thüs H. (2002): Taxonomie, Verbreitung und Ökologie silicoler Süßwasserflechten im außeralpinen Mitteleuropa. – *Bibl. Lichenol.* 83: 1–214.
- Türk R. & Reiter R. (2000): Zur Flechtenflora des Dachsteinmassivs (Oberösterreich, Österreich). – *Beitr. Naturk. Oberösterreich.* 9: 609–620.
- van Herk C. M. (2001): Bark pH and susceptibility to toxic air pollutants as independent causes of changes in epiphytic lichen composition in space and time. – *Lichenologist* 33: 419–441.
- van Herk C. M., Aptroot A. & van Dobben H. F. (2002): Long-term monitoring in the Netherlands suggests that lichens respond to global warming. – *Lichenologist* 34: 141–154.
- Wilfling A. & Mayrhofer H. (2002): Contributions to the lichen flora of Slovenia IX. Lichenized and lichenicolous fungi from Crni Kal (Kras). – *Staphia* 80: 293–310.
- Wirth R., Kirsch H. & Büdel B. (2001): Verbreitungsmuster und Dynamik der Wiederausbreitung von Bartflechten der Gattungen *Usnea* und *Bryoria* im Spessart. – *Hoppea* 62: 411–436.
- Wolseley P. & James P. (2000): Factors affecting changes in species of *Lobaria* in sites across Britain 1986–1998. – *Forest, Snow and Landscape Research* 75: 319–338.