

- Špačková I., Kotorová I. et Lepš J. (1998): Sensitivity of seedling recruitment to moss, litter and dominant removal in an oligotrophic wet meadow. – *Folia Geobot.*, Praha, 33: 17-30.
- Štursová H. (1998): Studie populací druhu *Diphasiastrum alpinum* (L.) Holub v Krkonoších. – *Příroda*, Praha, 12: 109-121.
- Vykoukalová I. et Majzlanová E. (1998): Aboveground biomass of the communities of *Petasites hybridus* (L.) Gaertn. B.Mey et Schreb. in the valley of Korytnica (Nízke Tatry Mts.). – *Ekológia*, Bratislava, 17: 142-151.

## NOVÁ LICHENOLOGICKÁ LITERATURA VIII.

sestavil Z. Palice

- Aptroot A. et Sipman H.J.M. (1997): Diversity of lichenized fungi in the tropics. – In: Hyde K.D. (ed.), *Biodiversity of Tropical Microfungi*, University Press, Hong Kong, p. 93-106.
- Aptroot A. et al. (1998): Bedreigde en kwetsbare korstmossen in Nederland: basisrapport met voorstel voor de Rode Lijst. – *Buxbaumiella* 46: 1-101.
- Arup U. et al. (1997): *Skyddsvärda Lavar i Sydvästra Sverige*. – 276 p., SBF-Förlaget, Lund.
- Arup U. et Grube M. (1998): Molecular systematics of *Lecanora* subgenus *Placidium*. – *Lichenologist* 30: 415-425.
- Beckett R.P. (1995): Some aspects of the water relations of lichens from habitats of contrasting water status studied using thermocouple psychrometry. – *Ann. Bot.* 76: 211-217.
- Berger F. (1996): Neue und seltene Flechten und lichenicole Pilze aus Oberösterreich, Österreich II. – *Herzogia* 12: 45-84.
- Breuss O. (1996): Ein verfeinertes Gliederungskonzept für *Catapyrenium* (lichenisierte Ascomyceten, Verrucariaceae) mit einem Schlüssel für die bisher bekannten Arten. – *Ann. Naturhist. Mus. Wien* 98/ B Suppl: 35-50.
- Breuss O. (1996): Revision der Flechtengattung *Placidiopsis* (Verrucariaceae). – *Österreich. Z. Pilzkde* 5: 65.
- Brakenhielm S. et Qinghong Liu (1995): Spatial and temporal variability of algal and lichen epiphytes on trees in relation to pollutant deposition in Sweden. – *Water, Air, and Soil Pollution* 79: 61-74.
- Bull W.B. et Brandon M.T. (1998): Lichen dating of earthquake-generated regional rockfall events, Southern Alps, New Zealand. – *Geol. Soc. America Bull.* 110: 60-84.
- Clerc P. (1998): Species concepts in the genus *Usnea* (lichenized Ascomycetes). – *Lichenologist* 30: 321-340.
- Crittenden P.D. et al. (1995): Attempted isolation and success in the culturing of a broad spectrum of lichen-forming and lichenicolous fungi. – *New Phytol.* 130: 267-297.
- Dietrich M. et Scheidegger C. (1996): Diversität und Zeigerwerte von epiphytischen Flechten der häufigsten Baumarten: Ein methodischer Ansatz zur Beurteilung von Umweltveränderungen im Wald und im Freiland. – *Bot. Helv.* 106: 85-102.
- Döring H. et Lumbsch H.T. (1998): Ascoma ontogeny: is this character set of any use in the systematics of lichenized ascomycetes. – *Lichenologist* 30: 489-500.
- Ekman S. (1996): The corticolous and lignicolous species of *Bacidia* and *Bacidina* in North America. – *Opera Bot.* 127: 1-148.
- Ekman S. (1997): The genus *Cliostomum* revisited. – *Symb. Bot. Ups.* 32: 17-28.

- Elvebakk A. et Hertel H. (1997): A catalogue of Svalbard lichens. – In: Elvebakk A. et Prestrud P. (eds.), *A Catalogue of Svalbard Plants, Fungi, Algae, and Cyanobacteria*. Norsk Polarinstitutt Skrifter, p. 271-359.
- Fadeeva M.A. et al. (1997): Predvaritel'nyj spisok lišajnikov Karelii i obitajuščich na nich gribov. – 100 p., Kareľskij naučnyj centr RAN, Petrozavodsk.
- Fahsel D. (1998): Production of ascocarps by high Arctic lichens in relation to altitude. – In: Glenn M.G. et al., eds., *Lichenographia Thomsoniana: North American Lichenology in Honor of John W. Thomson*. Mycotaxon Ltd., Ithaca, New York, p. 389-397.
- Fahsel D., Tavares S. et Mazdia S. (1997): Isozyme variation in lichens in relation to mine dust exposure. – *Bibl. Lichenol.* 68: 111-127.
- Farkas E. et Sipman H.J.M. (1997): Checklist of foliicolous lichenized fungi. After Farkas & Sipman (1993), with additions to 1996. – *Abstr. Bot.* 21: 173-206.
- Fröberg L. (1997): Variation in the *Lecanora dispersa* group in South Sweden. – *Symb. Bot. Ups.* 32: 29-34.
- Galloway D.J. et Aptroot A. (1995): Bipolar lichens: a review. – *Crypt. Bot.* 5: 184-191.
- Garty J., Kauppi M. et Kauppi A. (1996): Accumulation of airborne elements from vehicles in transplanted lichens in urban sites. – *J. Environm. Quality* 25: 265-272
- Gauslaa Y. et Holien H. (1998): Acidity of boreal *Picea abies*-canopy lichens and their substratum, modified by local soils and airborne acidic depositions. – *Flora* 193: 249-257.
- Gauslaa Y. et Solhaug K.A. (1996): Differences in the susceptibility to light stress between epiphytic lichens of ancient and young boreal forest stands. – *Funct. Ecol.* 10: 344-354.
- Gilbert O.L. (1996): The occurrence of lichens with albino fruit bodies (ascomata) and their taxonomic significance. – *Lichenologist* 28: 94-97.
- Goldsmith S.J., Thomas M.A. et Gries C. (1997): A new technique for photobiont culturing and manipulation. – *Lichenologist* 29: 559-569.
- Grube M. (1998): Classification and phylogeny in the Arthoniales (lichenized Ascomycetes). – *Bryologist* 101: 377-391.
- Grube M. et al. (1995): DNA isolation from lichen ascomata. – *Mycol. Res.* 99: 1321-1324.
- Hafellner J. (1997): A world monograph of Brigantiaeae (lichenized Ascomycotina, Lecanorales). – *Symb. Bot. Ups.* 32: 35-74.
- Hafellner J. (1997): Materialien zur Roten Liste gefährdeter Flechten Österreichs. – *Fritschiana* 12: 1-32.
- Hahn M. et al. (1995): A case of contact dermatitis from lichens in Southern Germany. – *Contact Dermatitis* 32: 55-56.
- Harris P.M. (1996): Competitive equivalence in a community of lichens on rock. – *Oecologia* 108: 663-668.
- Heidmarsson S. (1996): Pruina as a taxonomic character in the lichen genus *Dermatocarpon*. – *Bryologist* 99: 315-320.
- Heidmarsson S. et al. (1997): Classification of lichen photomorphs. – *Taxon* 46: 519-520.
- Holien H. (1996): Influence of site and stand factors on the distribution of crustose lichens of the Caliciales in a suboceanic spruce forest area in central Norway. – *Lichenologist* 28: 315-330.
- Holien H. (1998): Lichens in spruce forest stands of different successional stages in central Norway with emphasis on diversity and old growth species. – *Nova Hedwigia* 66: 283-324.
- Huneck S. et Yoshimura I. (1996): Identification of Lichen Substances. – 493 p., Springer-Verlag, Berlin et Heidelberg.
- Hyvönen J. et al. (1995): Genus *Cladina* and the section *Unciales* of the genus *Cladonia* (Cladoniaceae, lichenized Ascomycotina), a preliminary phylogenetic analysis. – *J. Hattori Bot. Lab.* 78: 243-253.

- Jahns M. et Ott S. (1997): Life strategies in lichens - some general considerations. – *Bibl. Lichenol.* 67: 49-67.
- Jahns M., Sensen M et Ott S. (1995): Significance of developmental structures in lichens, especially in the genus *Cladonia*. – *Ann. Bot. Fenn.* 32: 35-48.
- Kappen L. et al. (1996): Cold resistance and metabolic activity of lichens below 0°C. – *Adv. Space Res.* 18: 119-128.
- Kärnefelt I., Emanuelsson K. et Thell. A. (1998): Anatomy and systematics of usneoid genera in the Parmeliaceae. – *Nova Hedwigia* 67: 71-92.
- Keller P., Mukhtar A. et Galun M. (1995): Resistance: are there limits to resistance in lichens?. – *Symbiosis* 18: 87-88.
- Kruys N. et Jonsson B.G. (1997): Insular patterns of calicioid lichens in a boreal old-growth forest-wetland mosaic. – *Ecography* 20: 605-613.
- Kuusinen M. et Siitonen J. (1998): Epiphytic lichen diversity in old-growth and managed *Picea abies* stands in southern Finland. – *J. Veget. Sci.* 9: 283-292.
- Lamprecht I. et al. (1997): Ca-oxalate films and microbiological investigations of the influence of ancient pigments on the growth of lichens. – *J. Therm. Anal.* 49: 1601-1607.
- Lumbsch H.T. (1997): Systematic studies in the suborder Agryriineae (Lecanorales). – *J. Hattori Bot. Lab.* 83: 1-73.
- Lumbsch H.T. (1998): The use of metabolic data in lichenology at the species and subspecific levels. – *Lichenologist* 30: 357-367.
- Lumbsch H.T. et al. (1997): The corticolous species of *Lecanora sensu stricto* with pruinose apothecial discs. – *Symb. Bot. Ups.* 32: 131-161.
- Lunke T., Lumbsch H.T. et Feige G.B. (1996): Anatomical and ontogenetic studies on the lichen family Schaereriaceae (Agryriineae, Lecanorales). – *Bryologist* 99: 53-63.
- Lutzoni F.M. (1997): Phylogeny of lichen- and non-lichen-forming omphalinoid mushrooms and the utility of testing for combinability among multiple data sets. – *Syst. Biol.* 46: 373-406.
- Lutzoni F.M. et Brodo I.M. (1995): A generic redelimitation of the *Ionaspis-Hymenelia* complex (lichenized Ascomycotina). – *Syst. Bot.* 20: 224-258.
- Lutzoni F.M. et Pagel M. (1997): Accelerated evolution as a consequence of transitions to mutualism. – *Proc. Nat. Acad. Sci. USA* 94: 11422-11427.
- Lutzoni F.M. et Vilgalys R. (1995): Omphalina (Basidiomycota, Agaricales) as a model system for the study of coevolution in lichens. – *Crypt. Bot.* 5: 71-81.
- Máguas C., Valladares F. et Brugnoli E. (1997): Effects of thallus size on morphology and physiology of foliose lichens: new findings with a new approach. – *Symbiosis* 23: 149-164.
- Malcolm W.M. et Galloway D.J. (1997): New Zealand lichens: checklist, key, and glossary. – 192 p., Museum of New Zealand Te Papa Tongarewa, Wellington.
- Martinez I. et Burgaz A.R. (1996): Anatomical study of *Peltigera canina*, *P. membranacea* and *P. praetextata* (lichenized Ascomycotina). – *Ann. Bot. Fenn.* 33: 223-229.
- Martinez I., Burgaz A.R. et Vitikainen O. (1997): Studies on the genus *Peltigera* in the Iberian Peninsula. II. – *Nova Hedwigia* 64: 367-391.
- Mattsson J.-E. et Wedin M. (1998): Phylogeny of the Parmeliaceae - DNA data versus morphological data. – *Lichenologist* 30: 463-472.
- McCarthy D.P. (1997): Habitat selection and ecology of *Xanthoria elegans* (Link) Th. Fr. in glacier forefields: implications for lichenometry. – *J. Biogeogr.* 24: 363-373.
- McCarthy P.M. et Malcolm W.M. (1997): The genera of Trichotheliaceae. – *Lichenologist* 29: 1-8.
- McCune B. et Geiser L. (1997): Macrolichens of the Pacific Northwest. – 386 p., Oregon State University Press, Corvallis.
- Muir P.S., Shirazi A.M. et Patrie J. (1998): Seasonal growth dynamics in the lichen *Lobaria*

- pulmonaria. – *Bryologist* 100: 458-464.
- Myllys L., Källersjö M. et Tehler A. (1998): A comparison of SSU rDNA data and morphological data in Arthoniales (Euascomycetes) phylogeny. – *Bryologist* 101: 70-85.
- Nimis P.L. (1998): A critical appraisal of modern generic concepts in lichenology. – *Lichenologist* 30: 427-438.
- Nordin A. (1997): Ascospore characters in Physciaceae: an ultrastructural study. – *Symb. Bot. Ups.* 32: 195-208.
- Paus S. (1997): Die Erdflechtenvegetation Nordwestdeutschlands und einiger Randgebiete. Vegetationsökologische Untersuchungen unter besonderer Berücksichtigung des Chemismus ausgewählter Arten. – *Bibl. Lichenol.* 66: 1-222.
- Printzen C. (1997): Neue und bemerkenswerte Flechtenfunde aus bayerischen Fichtenwäldern. – *Ber. Bayer. Bot. Ges.* 68: 97-102.
- Purvis O.W. (1996): Interactions of lichens with metals. – *Sci. Progr.* 79: 283-309.
- Purvis O.W. et Halls C. (1996): A review of lichens in metal-enriched environments. – *Lichenologist* 28: 571-601.
- Rambold G. (1995): Observations on hyphal, ascus and ascospore wall characters in Lecanorales s.l. – *Crypt. Bot.* 5: 111-119.
- Rambold G., Friedl T. et Beck A. (1998): Photobionts in lichens: possible indicators of phylogenetic relationships?. – *Bryologist* 101: 392-397.
- Rambold G. et Hagedorn G. (1998): The distribution of selected diagnostic characters in the Lecanorales. – *Lichenologist* 30: 473-487.
- Rambold G., Meier C. et Thamerus M. (1998): A comparative study on structure and functionality of ascus in species of Rhizocarpon (Lecanorales, Ascomycetes). – *Cryptogamie, Bryologie-Lichénologie* 19: 247-255.
- Randlane T., Saag A. et Thell A. (1997): A second updated world list of cetrarioid lichens. – *Bryologist* 100: 109-122.
- Rikkinen J. (1997): Habitat shifts and morphological variation of *Pseudevernia furfuracea* along a topographical gradient. – *Symb. Bot. Ups.* 32: 223-245.
- Scheidegger C. (1994): Low-temperature scanning electron microscopy: the localization of free and perturbed water and its role in the morphology of the lichen symbionts. – *Crypt. Bot.* 4: 290-299.
- Scheidegger C. (1995): Reproductive strategies in Vezdaea (Lecanorales, lichenized Ascomycetes): a low-temperature scanning electron microscopy study of a ruderal species. – *Crypt. Bot.* 5: 163-171.
- Scheidegger C., Frey B. et Schroeter B. (1997): Cellular water uptake, translocation and PSII activation during rehydration of desiccated *Lobaria pulmonaria* and *Nephroma bellum*. – *Bibl. Lichenol.* 67: 105-117.
- Scheidegger C., Frey B. et Zoller S. (1995): Transplantation of symbiotic propagules and thallus fragments: methods for the conservation of threatened epiphytic lichen populations. – In: Scheidegger C., Wolseley P.A. et Thor G. (eds.), *Conservation Biology of Lichenised Fungi. Mitteilungen der Eidgenössischen Forschungsanstalt für Wald, Schnee und Landschaft, Birmensdorf, Switzerland*, p. 41-62.
- Scheidegger C. et Schroeter B. (1995): Effects of ozone fumigation on epiphytic macrolichens: ultrastructure, CO<sub>2</sub> gas exchange and chlorophyll fluorescence. – *Environm. Pollution* 88: 345-354.
- Scheidegger C., Schroeter B. et Frey B. (1995): Structural and functional processes during water vapour uptake and desiccation in selected lichens with green algal photobionts. – *Planta* 197: 399-409.
- Schieleit P. et Ott S. (1997): Ethylene production in lichens with respect to possible bacterial contamination. – *Lichenologist* 29: 492-495.

- Solhaug K.A. et Gauslaa Y. (1996): Parietin, a photoprotective secondary product of the lichen *Xanthoria parietina*. – *Oecologia* 108: 412-418.
- Sundberg B. et al. (1997): Growth and vitality of epiphytic lichens. II. Modelling of carbon gain using field and laboratory data. – *Oecologia* 109: 10-18.
- Sundin R. et Tehler A. (1998): Phylogenetic studies of the genus *Arthonia*. – *Lichenologist* 30: 381-413.
- Suppan U. et al. (1998): Towards a check-list of Slovenian lichens. – *Sauteria* 9: 341-349.
- Tarhanen S., Holopainen T. et Oksanen J. (1997): Ultrastructural changes and electrolyte leakage from ozone fumigated epiphytic lichens. – *Ann. Bot.* 80: 611-621.
- Thell A. (1995): A new position of the *Cetraria commixta* group in *Melanelia* (Ascomycotina, Parmeliaceae). – *Nova Hedwigia* 60: 407-422.
- Thell A. (1995): Pycnoconidial types and their presence in cetrarioid lichens (Ascomycotina, Parmeliaceae). – *Cryptogamie, Bryologie-Lichénologie* 16: 247-256.
- Thell A., Mattsson J.-E. et Kärnefelt I. (1995): Lecanoralean ascus types in the lichenized families Alectoriaceae and Parmeliaceae. – *Crypt. Bot.* 5: 120-127.
- Thomson J.W. (1997): *American Arctic Lichens. 2. The Microlichens.* – 675 p., the University of Wisconsin Press, Madison..
- Tibell L. (1997): Anamorphs in mazaediate lichenized fungi and the Mycocaliciaceae („Caliciales s.lat.“). – *Symb. Bot. Ups.* 32: 291-322.
- Tnsberg T. et al. (1996): The threatened macrolichens of Norway - 1995. – *Sommerfeltia* 23: 1-258.
- Vitikainen O. et al. (1997): Checklist of lichens and allied fungi of Finland. – *Norrinia* 6: 1-123.
- Webster M. et Brown D.H. (1997): Preliminary observations on the growth of transplanted *Peltigera canina* under semi-natural conditions. – *Lichenologist* 29: 91-96.
- Wedin M., Tehler A. et Gargas A. (1998): Phylogenetic relationships of Sphaerophoraceae (Ascomycetes) inferred from SSU rDNA sequences. – *Plant Syst. Evol.* 209: 75-83.
- Wirth V. (1997): Einheimisch oder eingewandert? Über die Einschätzung von Neufunden von Flechten. – *Bibl. Lichenol.* 67: 277-288.
- Yamamoto Y. et al. (1998): Screening of biological activities and isolation of biological-active compounds from lichens. – *Recent Res. Devel. Phytochem.* 2: 23-34.
- Zorer R., Türk R. et Stocker-Wörgötter E. (1997): Resynthesis of the lichen *Cladonia fimbriata* from the axenic cultures of the isolated symbionts. – *Bibl. Lichenol.* 67: 85-89.

**UZÁVĚRKA PŘÍŠTÍHO ČÍSLA: 31. října 1999**

Uvítáme příspěvky psané na počítači (NLQ) nebo psacím strojem s novou páskou a bez rukopisných oprav a dalších poznámek (z důvodu možnosti převodu textu na PC scannerem bez ručního přepisování). Nejvíce vítány jsou příspěvky na disketě (Word for Windows, v T602, popř. ASCII file). Při zaslání příspěvků je též možno využít elektronickou poštu s následujícími adresami: [sold@natur.cuni.cz](mailto:sold@natur.cuni.cz) nebo [liska@ibot.cas.cz](mailto:liska@ibot.cas.cz). Hlavní články prosíme s anglickým abstraktem. Redaktoři si vyhrazují právo na úpravu rukopisů, popř. krácení.