

NOVÁ LICHENOLOGICKÁ LITERATURA XIII.

New lichenological literature, XIII

Zdeněk Palice

Botanický ústav AV ČR, CZ-252 43 Průhonice, e-mail: zpalice@yahoo.com

- Álvarez-Andrés J. & López de Silanes M. E. (2002): The genus *Gyalecta* (*Gyalectales, Ascomycotina*) in the Iberian Peninsula. – *Nova Hedwigia* 74: 257–273.
- Anthony P. A., Holtum J. A. M. & Jackes B. R. (2002): Shade acclimation of rainforest leaves to colonization by lichens. – *Functional Ecology* 16: 808–816.
- Aptroot A. & Feijen F. J. (2002): Annotated checklist of the lichens and lichenicolous fungi of Bhutan. – *Fungal Diversity* 11: 21–48.
- Aptroot A., van Herk C. M., Sparrius L. B. & Spier J. L. (2003): Nieuwe korstmossen en lichenenparasieten in Nederland, met aanvullingen op de checklist. – *Buxbaumiella* 63: 32–37.
- Articus K., Mattsson J.-E., Tibell L., Grube M. & Wedin M. (2002): Ribosomal DNA and β -tubulin data do not support the separation of the lichens *Usnea florida* and *U. subfloridana* as distinct species. – *Mycological Research* 106: 412–418.
- Ascaso C., Souza-Egipsy V. & Sancho L. G. (2003): Locating water in the dehydrated thallus of lichens from extreme microhabitats (Antarctica). – *Bibliotheca Lichenologica* 86: 215–223.
- Batič F., Primožič K., Surina B., Trošt T. & Mayrhofer H. (2003): Contributions to the lichen flora of Slovenia X. Lichens from the Slovenian Julian Alps. – *Herzogia* 16: 143–154.
- Beck A. (2002): Photobionts: diversity and selectivity in lichen symbioses. – *International Lichenological Newsletter* 35: 18–24.
- Beckett R. P., Minibayeva F. V., Vylegzhanina N. N. & Tolpysheva T. (2003): High rates of extracellular superoxide production by lichens in the suborder *Peltigerineae* correlate with indices of high metabolic activity. – *Plant, Cell and Environment* 26: 1827–1837.
- Berger F. (2003): Die Flechtenflora des NSG "Halser Ilzschleifen" bei Passau (Bayern) – Ergebnisse einer "Bio-Blitz" Begehung am GEO-Tag der Artenvielfalt 2002. – *Hoppea* 64: 463–474.
- Bezivin C., Tomasi S., Lohézic-Le Dévéhat F. & Boustie J. (2003): Cytotoxic activity of some lichen extracts on murine and human cancer cell lines. – *Phytomedicine* 10: 499–503.
- Bielczyk U., Cieśliński S. & Fałtynowicz W. (eds.) (2002): *Atlas of the Geographical Distribution of Lichens in Poland. Part 3.* – Władysław Szafer Institute of Botany, Polish Academy of Sciences, Kraków. [116 pp.]
- Bjelland T. (2003): The influence of environmental factors on the spatial distribution of saxicolous lichens in a Norwegian coastal community. – *Journal of Vegetation Science* 14: 525–534.
- Bjerke J. W. & Dahl T. (2002): Distribution patterns of usnic acid-producing lichens along local radiation gradients in West Greenland. – *Nova Hedwigia* 75: 487–506.
- Bjerke J. W., Lerfall K. & Elvebakk A. (2002): Effects of ultraviolet radiation and PAR on the content of usnic and divaricatic acids in two arctic-alpine lichens. – *Photochemical and Photobiological Sciences* 1: 678–685.
- Bjerke J. W., Zielke M. & Solheim B. (2003): Long-term impacts of simulated climatic change on secondary metabolism, thallus structure and nitrogen fixation activity in two cyanolichens from the Arctic. – *New Phytologist* 159: 361–367.
- Boqueras M. & Llimona X. (2003): The genus *Pertusaria* on the Iberian Peninsula and Balearic Islands. I. Subgenus *Pertusaria*. – *Mycotaxon* 88: 471–492.
- Breuß O. (2002): Bemerkenswerte Flechtenfunde aus Niederösterreich und Steiermark. – *Linzer Biologische Beiträge* 34: 1043–1051.
- Büdel B. & Schultz M. (2003): A way to cope with high irradiance and drought: inverted morphology of a new cyanobacterial lichen, *Peltula inversa* sp. nova, from the Nama Karoo, Namibia. – *Bibliotheca Lichenologica* 86: 225–232.
- Bungartz F. (2002): A safe and accurate method to apply spot test chemicals to lichen thalli in the laboratory and the field. – *Evansia* 19: 123–124.

- Carbonero E. R., Montai A.V., Woranovicz-Barreira S. M., Gorin P. A. J. & Iacomini M. (2002): Polysaccharides of lichenized fungi of three *Cladina* spp.: significance as chemotypes. – *Phytochemistry* 61: 681–686.
- Coppins B. J. (2002): Checklist of Lichens of Great Britain and Ireland. – British Lichen Society, London. [87 pp.]
- Coppins B. J., Seed L. & Earland-Bennett P. M. (2002): *Neofuscelia luteonotata*, new to the British Isles, and notes on the *N. pulla* group. – *British Lichen Society Bulletin* 90: 29–33.
- Coppins B. J. & van den Boom P. P. G. (2002): *Bacidia brandii*, a new lichen species from the Netherlands, Belgium, France and Lithuania. – *The Lichenologist* 34: 327–332.
- Crespo A., Molina M. C., Blanco O., Schroeter B., Sancho L. G. & Hawksworth D. L. (2002): rDNA ITS and β -tubulin gene sequence analyses reveal two monophyletic groups within the cosmopolitan lichen *Parmelia saxatilis*. – *Mycological Research* 106: 788–795.
- Czarnota P. (2003): Notes on some new and noteworthy lichens from southern Poland. – *Graphis Scripta* 14: 18–26.
- Dahlman L. & Palmqvist K. (2003): Growth in two foliose tripartite lichens, *Nephroma arcticum* and *Peltigera aphthosa*: empirical modelling of external vs internal factors. – *Functional Ecology* 17: 821–831.
- De Angelis F., Ceci R., Quaresima R., Reale S. & Di Tullio A. (2003): Investigation by solid-phase microextraction and gas chromatography/mass spectrometry of secondary metabolites in lichens deposited on stone monuments. – *Rapid Communications in Mass Spectrometry* 17: 526–531.
- De los Ríos A., Wierzchos J. & Ascaso C. (2002): Microhabitats and chemical microenvironments under saxicolous lichens growing on granite. – *Microbial Ecology* 43: 181–188.
- Düll R. (2002): Neufunde und Bestätigungen von Flechten der Eifel (Rheinland, Deutschland). – *Decheniana* 155: 13–25.
- Dürhammer O. (2003): Die Flechtenflora von Regensburg. – *Hoppea* 64: 5–461.
- Eversman S., Wetmore C. M., Glew K. & Bennett J. P. (2002): Patterns of lichen diversity in Yellowstone National Park. – *The Bryologist* 105: 27–42.
- Feuerer T. & Thell A. (2002): *Parmelia ernstiae* - a new macrolichen from Germany. – *Mitteilungen aus dem Institut für Allgemeine Botanik in Hamburg* 30–32: 49–60.
- Figueira R., Pacheco A. M. G., Sousa A. J. & Catarino F. (2002): Development and calibration of epiphytic lichens as saltfall biomonitoring – dry-deposition modelling. – *Environmental Pollution* 120: 69–78.
- Gauslaa Y. & Ustvedt E. M. (2003): Is parietin a UV-B or a blue-light screening pigment in the lichen *Xanthoria parietina*? – *Photochemical and Photobiological Sciences* 2: 424–432.
- Gaya E., Lutzoni F., Zoller S. & Navarro-Rosinés P. (2003): Phylogenetic study of *Fulglesia* and allied *Caloplaca* and *Xanthoria* species (*Teloschistaceae*, lichen-forming *Ascomycota*). – *American Journal of Botany* 90: 1095–1103.
- Giordani P., Nicora P., Rellini I., Brunialti G. & Elix J. A. (2002): The lichen genus *Xanthoparmelia* (*Ascomycotina*, *Parmeliaceae*) in Italy. – *The Lichenologist* 34: 189–198.
- Goffinet B., Miądlikowska J. & Goward T. (2003): Phylogenetic inferences based on nrDNA sequences support five morphospecies within the *Peltigera didactyla* complex (lichenized *Ascomycota*). – *The Bryologist* 106: 349–364.
- Gombert S., Asta J. & Seaward M. R. D. (2003): Correlation between the nitrogen concentration of two epiphytic lichens and the traffic density in an urban area. – *Environmental Pollution* 123: 281–290.
- Grube M. & Blaha J. (2003): On the phylogeny of some polyketide synthase genes in the lichenized genus *Lecanora*. – *Mycological Research* 107: 1418–1426.
- Grube M. & Winka K. (2002): Progress in understanding the evolution and classification of lichenized ascomycetes. – *Mycologist* 16: 67–76.
- Guidotti M., Stella D., Owczarek M., De Marco A. & De Simone C. (2003): Lichens as polycyclic aromatic hydrocarbon bioaccumulators used in atmospheric pollution studies. – *Journal of Chromatography A* 985: 185–190.
- Hafellner J. & Kashta L. (2003): Miscellaneous records of lichens and lichenicolous fungi from Albania. – *Herzogia* 16: 135–142.
- Hauck M. (2003): Epiphytic lichen diversity and forest dieback: the role of chemical site factors. – *The Bryologist* 106: 257–269.
- Hauck M. & Gross S. (2003): Potassium uptake in the epiphytic lichen *Hypogymnia physodes* at concentrations and pH conditions as found in stemflow. – *Flora* 198: 127–131.

- Hauck M., Mulack C. & Paul A. (2002): Manganese uptake in the epiphytic lichens *Hypogymnia physodes* and *Lecanora conizaeoides*. – Environmental and Experimental Botany 48: 107–117.
- Heidmarsson S. (2003): Molecular study of *Dermatocarpon miniatum* (*Verrucariales*) and allied taxa. – Mycological Research 107: 459–468.
- Helms G., Friedl T. & Rambold G. (2003): Phylogenetic relationships of the *Physciaceae* inferred from rDNA sequence data and selected phenotypic characters. – Mycologia 95: 1078–1099.
- Hilmo O. & Ott S. (2002): Juvenile development of the cyanolichen *Lobaria scrobiculata* and the green algal lichens *Platismatia glauca* and *Platismatia norvegica* in a boreal *Picea abies* forest. – Plant Biology 4: 273–280.
- Högnabba F. & Wedin M. (2003): Molecular phylogeny of the *Sphaerophorus globosus* species complex. – Cladistics 19: 224–232.
- Hyvärinen M., Walter B. & Koopmann R. (2003): Impact of fertilisation on phenol content and growth rate of *Cladina stellaris*: a test of the carbon-nutrient balance hypothesis. – Oecologia 134: 176–181.
- Ihlen P. G. & Fryday A. M. (2002): *Rhizocarpon timdalii*, a new lichen species from north-west Europe and north-east North America. – The Lichenologist 34: 95–100.
- Jando K. & Kukwa M. (2003): Porosty, grzyby naporostowe i nażywiczne projektowanego rezerwatu „Wiszące Torfowiska nad jeziorem Jaczno“ oraz terenów przyległych do jeziora Jaczno w Suwalskim parku Krajobrazowym (Północno-Wschodnia Polska). – Parki Narodowe i Rezerwaty Przyrody 22: 3–17.
- Johansson P. & Ehrlén J. (2003): Influence of habitat quantity, quality and isolation on the distribution and abundance of two epiphytic lichens. – Journal of Ecology 91: 213–221.
- Jørgensen P. M. (2002): Conspectus familiae *Pannariaceae* (Ascomycetes lichenosae). – Ilicifolia 4: 1–78.
- Jüriado I., Randlane T. & Saag L. (2002): New Estonian records - Lichens. – Folia Cryptogamica Estonica 39: 62–63.
- Kawakatsu M., Miyagawa H. & Hamada N. (2003): Variations in the concentrations of chemical substances produced by cultured lichen mycobionts. – Lichenology 2: 11–16.
- Knoph J.-G. & Schroeckh S. (2002): Neue und seltene Flechten für Thüringen. – Herzogia 15: 27–35.
- Kowalewska A. & Kukwa M. (2003): Additions to the Polish lichen flora. – Graphis Scripta 14: 11–17.
- Krain V. & Daniëls F. J. A. (2003): A comparative study of the lichen floras of calcareous substrata in graveyards with natural limestone rocks in north-eastern Sauerland, Germany. – Bibliotheca Lichenologica 86: 369–379.
- Kranner I. (2002): Glutathione status correlates with different degrees of desiccation tolerance in three lichens. – New Phytologist 154: 451–460.
- 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.]
- Kranner I., Zorn M., Turk B., Wornik S., Beckett R. P. & Batič F. (2003): Biochemical traits of lichens differing in relative desiccation tolerance. – New Phytologist 160: 167–176.
- Kytöviita M.-M. & Crittenden P. D. (2002): Seasonal variation in growth rate in *Stereocaulon paschale*. – The Lichenologist 34: 533–537.
- Kurokawa S. (2003): Checklist of Japanese Lichens. – National Science Museum, Tokyo. [128 pp.]
- Lange O. L. & Green T. G. A. (2003): Photosynthetic performance of a foliose lichen of biological soil-crust communities: long-term monitoring of the CO₂ exchange of *Cladonia convoluta* under temperate habitat conditions. – Bibliotheca Lichenologica 86: 257–280.
- Laundon J. R. (2003): Six lichens of the *Lecanora varia* group. – Nova Hedwigia 76: 83–111.
- Laundon J. R. (2003): The status of *Lecanora zosterae* in the British Isles. – The Lichenologist 35: 97–102.
- Lawrey J. D. & Diederich P. (2003): Lichenicolous fungi: interactions, evolution, and biodiversity. – The Bryologist 106: 81–120.
- Løfall B. P. & Timdal E. (2002): *Cladonia krogiana*, a new xanthone-containing species from Norway. – The Lichenologist 34: 277–281.
- Löhmus P., Saag L. & Löhmus A. (2003): Is there merit in identifying leprarioid crusts to species in ecological studies? – The Lichenologist 35: 187–190.
- Lohtander K., Oksanen I. & Rikkinen J. (2002): A phylogenetic study of *Nephroma* (lichen-forming Ascomycota). – Mycological Research 106: 777–787.
- Maestre F. T. (2003): Small-scale spatial patterns of two soil lichens in semi-arid Mediterranean steppe. – The Lichenologist 35: 71–81.

- Martín M. P., LaGreca S. & Lumbsch H. T. (2003): Molecular phylogeny of *Diploschistes* inferred from ITS sequence data. – *The Lichenologist* 35: 27–32.
- McCarthy P. M. (2003): Catalogue of the lichen family *Porinaceae*. – *Bibliotheca Lichenologica* 87: 1–174.
- McDonald T., Miądlikowska J. & Lutzoni F. (2003): The lichen genus *Sticta* in the Great Smoky Mountains: a phylogenetic study of morphological, chemical, and molecular data. – *The Bryologist* 106: 61–79.
- Meier F. A., Scherrer S. & Honegger R. (2002): Faecal pellets of lichenivorous mites contain viable cells of the lichen-forming ascomycete *Xanthoria parietina* and its green algal photobiont, *Trebouxia arboricola*. – *Biological Journal of the Linnean Society* 76: 259–268.
- Meyer B. (2002): Die Flechtengattung *Clauzadea*. – *Sendtnera* 8: 85–154.
- Miądlikowska J., Lutzoni F., Goward T., Zoller S. & Posada D. (2003): New approach to an old problem: Incorporating signal from gap-rich regions of ITS and rDNA large subunit into phylogenetic analyses to resolve the *Peltigera canina* species complex. – *Mycologia* 95: 1181–1203.
- Millanes A. M. & Vicente C. (2003): Photoprotective strategies in lichens: an experimental approach using *Evernia prunastri*. – *Journal of the Hattori Botanical Laboratory* 94: 293–302.
- Müller K. (2001): Pharmaceutically relevant metabolites from lichens. – *Applied Microbiology and Biotechnology* 56: 9–16.
- Murtagh G. J., Dyer P. S., Furneaux P. A. & Crittenden P. D. (2002): Molecular and physiological diversity in the bipolar lichen-forming fungus *Xanthoria elegans*. – *Mycological Research* 106: 1277–1286.
- Nash T. H., Ryan B. D., Gries C. & Bungartz F. (eds.) (2002): Lichen Flora of the Sonoran Desert Region, Vol. I. – Lichens Unlimited, Arizona State University, Tempe. [532 pp.]
- Nimis P. L. & Martellos S. (2003): On the ecology of sorediate lichens in Italy. – *Bibliotheca Lichenologica* 86: 381–392.
- Nimis P. L., Scheidegger C. & Wolseley P. A. (eds.) (2002): Monitoring with Lichens - Monitoring Lichens. – NATO Science Series. IV. Earth and Environmental Sciences, Kluwer Academic Publishers, Dordrecht. [416 pp.]
- Nordin A. (2002): *Collemopsidium angermannicum*, a widespread but rarely collected aquatic lichen. – *Graphis Scripta* 13: 39–41.
- Nordin A. (2002): Du Rietz's lichen collections 1956–1965 from riverbanks and shores of lakes in connection with planned water regulations. – *Thunbergia* 32: 1–26.
- Oberwinkler F. (2001): Basidiolichens. – In: Hock B. (ed.), *The Mycota*, Vol. IX, Fungal Associations, p. 211–225, Springer-Verlag, Berlin – Heidelberg – New York.
- Ólafsdóttir E. S. & Ingolfdóttir K. (2001): Polysaccharides from lichens: structural characteristics and biological activity. – *Planta Medica* 67: 199–208.
- Ólafsdóttir E. S., Omarsdóttir S., Paulsen B. S. & Wagner H. (2003): Immunologically active O6-branched (1→3)- β -glucan from the lichen *Thamnolia vermicularis* var. *subuliformis*. – *Phytomedicine* 10: 318–324.
- Otte V., Esslinger T. L. & Litterski B. (2002): Biogeographical research on European species of the lichen genus *Physconia*. – *Journal of Biogeography* 29: 1125–1141.
- Partl A. & Asta J. (2003): Epiphytic lichen flora on mountain Medvednica and in northern Zagreb: bioindication of environmental factors. – *Periodicum Biologorum* 105: 337–343.
- Paulsen B. S., Ólafsdóttir E. S. & Ingolfdóttir K. (2002): Chromatography and electrophoresis in separation and characterization of polysaccharides from lichens. – *Journal of Chromatography A* 967: 163–171.
- Pawlak-Skowrońska B., Sanità di Toppi L., Favali M. A., Fossati F., Pirszel J. & Skowroński T. (2002): Lichens respond to heavy metals by phytochelatin synthesis. – *New Phytologist* 156: 95–102.
- Printzen C. & Ekman S. (2003): Local population subdivision in the lichen *Cladonia subcervicornis* as revealed by mitochondrial cytochrome oxidase subunit 1 intron sequences. – *Mycologia* 95: 399–406.
- Printzen C., Ekman S. & Tønsberg T. (2003): Phylogeography of *Cavernularia hultenii*: evidence of slow genetic drift in a widely disjunct lichen. – *Molecular Ecology* 12: 1473–1486.
- Printzen C. & Tønsberg T. (2003): Four new species and three new apothecial pigments of *Biatora*. – *Bibliotheca Lichenologica* 86: 133–145.
- Purvis O. W., Williamson B. J., Bartok K. & Zoltani N. (2000): Bioaccumulation of lead by the lichen *Acarospora smaragdula* from smelter emissions. – *New Phytologist* 147: 591–599.

- Rancan F., Rosan S., Boehm K., Fernández E., Hidalgo M. E., Quilhot W., Rubio C., Boehm F., Piazena H. & Oltmanns U. (2002): Protection against UVB irradiation by natural filters extracted from lichens. – *Journal of Photochemistry and Photobiology B: Biology* 68: 133–139.
- Rätzel S., Kummer V., Otte V. & Sipman H. J. M. (2002): Bemerkenswerte Flechtenfunde aus Brandenburg VII. – *Verhandlungen des Botanischen Vereins von Berlin und Brandenburg* 135: 139–159.
- Redhead S. A., Lutzoni F., Moncalvo J.-M. & Vilgalys R. (2002): Phylogeny of agarics: partial systematics solutions for core omphalinoid genera in the *Agaricales* (Euagarics). – *Mycotaxon* 83: 19–57.
- Rikkinen J. (2003): Calicioid lichens from Tertiary European amber. – *Mycologia* 95: 1032–1036.
- Rikkinen J., Oksanen I. & Lohtander K. (2002): Lichen guilds share related cyanobacterial symbionts. – *Science* 297: 357.
- Romeike J., Friedl T., Helms G. & Ott S. (2002): Genetic diversity of algal and fungal partners in four species of *Umbilicaria* (lichenized *Ascomycetes*) along a transect of the Antarctic Peninsula. – *Molecular Biology and Evolution* 19: 1209–1217.
- Saag A., Randlane T., Thell A. & Obermayer W. (2002): Phylogenetic analysis of cetrarioid lichens with globose ascospores. – *Proceedings of the Estonian Academy of Sciences, Biology, Ecology* 51: 103–123.
- Sanders W. B. & Lücking R. (2002): Reproductive strategies, relichenization and thallus development observed *in situ* in leaf-dwelling lichen communities. – *New Phytologist* 155: 425–435.
- Sarrión F. J., Aragón G., Hafellner J., Rico V. J. & Burgaz A. R. (2003): Two new species of *Mycobilimbia* from Spain. – *The Lichenologist* 35: 1–10.
- Schmitt I., Lumbsch H.T. & Søchting U. (2003): Phylogeny of the lichen genus *Placopsis* and its allies based on Bayesian analyses of nuclear and mitochondrial sequences. – *Mycologia* 95: 827–835.
- Schmull M. & Hauck M. (2003): Extraction methods for assessing the availability of cations for epiphytic lichens from bark. – *Environmental and Experimental Botany* 49: 273–283.
- Schultz M. & Büdel B. (2003): On the systematic position of the lichen genus *Heppia*. – *The Lichenologist* 35: 151–156.
- Sérusiaux E., Diederich P., Ertz D. & Van den Boom P. (2003): New or interesting lichens and lichenicolous fungi from Belgium, Luxembourg and northern France. IX. – *Lejeunia* 173: 1–48.
- Sipman H. J. M. (2002): The significance of the northern Andes for lichens. – *Botanical Review* 68: 88–99.
- Søchting U. & Alstrup V. (2002): Danish Lichen Checklist. – *Botanical Institute, University of Copenhagen, Copenhagen*. [43 pp.]
- Søchting U. & Frödén P. (2002): Chemosyndromes in the lichen genus *Teloschistes* (*Teloschistaceae, Lecanorales*). – *Mycological Progress* 1: 257–266.
- Søchting U., Kärnefelt I. & Kondratyuk S. (2002): Revision of *Xanthomendoza* (*Teloschistaceae, Lecanorales*) based on morphology, anatomy, secondary metabolites and molecular data. – *Mitteilungen aus dem Institut für Allgemeine Botanik in Hamburg* 30–32: 225–240.
- Søchting U. & Lutzoni F. (2003): Molecular phylogenetic study at the generic boundary between the lichen-forming fungi *Caloplaca* and *Xanthoria* (*Ascomycota, Teloschistaceae*). – *Mycological Research* 107: 1266–1276.
- Sojo F., Romeike J. & Ott S. (2003): *Himantormia lugubris* (Hue) M. Lamb – vegetative and reproductive habit: adaptations of an Antarctic endemic. – *Flora* 198: 118–126.
- Solhaug K. A., Gauslaa Y., Nybakken L. & Bilger W. (2003): UV-induction of sun-screening pigments in lichens. – *New Phytologist* 158: 91–100.
- Souza-Egipsy V., Ascaso C. & Sancho L. G. (2002): Water distribution within terricolous lichens revealed by scanning electron microscopy and its relevance in soil crust ecology. – *Mycological Research* 106: 1367–1374.
- Souza-Egipsy V., Wierzchos J., García-Ramos J. V. & Ascaso C. (2002): Chemical and ultrastructural features of the lichen-volcanic/sedimentary rock interface in a semiarid region (Almería, Spain). – *The Lichenologist* 34: 155–167.
- Sparrius L. B. (2003): Contribution to the lichen floras of the Białowieża Forest and the Biebrza Valley (Eastern Poland). – *Herzogia* 16: 155–160.
- Sparrius L. B. & Aptroot A. (2003): Changes in the lichen flora of megalithic monuments in the Netherlands. – *Bibliotheca Lichenologica* 86: 441–452.

- Sparrius L. B., Aptroot A., van Herk C. M. & Brand A.M. (2002): Nieuwe en interessante korstmossen en korstmosparasieten in Nederland met aanvullingen en wijzigingen op de checklist – *Buxbaumiella* 59: 26–46.
- Sparrius L. B., Diederich P., Signoret J. & Sérusiaux E. (2002): The lichen flora of the Boulonnais (France, Pas-de-Calais). – *Belgian Journal of Botany* 135: 50–75.
- Stapper N. & Kricke R. (2003): Zur Problematik der Bestimmung von braunen Parmelien. – *Aktuelle Lichenologische Mitteilungen*, Neue Folge 10: 13–19.
- Stark S. & Hyvärinen M. (2003): Are phenolics leaching from the lichen *Cladina stellaris* sources of energy rather than allelopathic agents for soil microorganisms? – *Soil Biology and Biochemistry* 35: 1381–1385.
- Stenroos S., Stocker-Wörgötter E., Yoshimura I., Myllys L., Thell A. & Hyvönen J. (2003): Culture experiments and DNA sequence data confirm the identity of *Lobaria* photomorphs. – *Canadian Journal of Botany* 81: 232–247.
- Stolley G. (2003): Die Flechten und flechtenbewohnenden Pilze des Dorfes Neuwittenbek (Kreis Rendsburg-Eckernförde, Bundesland Schleswig-Holstein). – *Kieler Notizen zur Pflanzenkunde in Schleswig-Holstein und Hamburg* 30: 89–130.
- Storeheier P. V., Mathiesen S. D., Tyler N. J. C. & Olsen M. A. (2002): Nutritive value of terricolous lichens for reindeer in winter. – *The Lichenologist* 34: 247–257.
- Summerfield T. C., Galloway D. J. & Eaton-Rye J. J. (2002): Species of cyanolichens from *Pseudocyphellaria* with indistinguishable ITS sequences have different photobionts. – *New Phytologist* 155: 121–129.
- Thüs H. & Schöller H. (2002): Floristische und ökologische Untersuchungen an Kleinstandorten hygrophytischer Flechten auf Obstbäumen im Mainzer Trockengebiet (Rheinland-Pfalz, Deutschland). – *Herzogia* 15: 147–158.
- Tibell L. (2003): *Tholurna dissimilis* and generic delimitations in *Caliciaceae* inferred from nuclear ITS and LSU rDNA phylogenies (*Lecanorales*, lichenized ascomycetes). – *Mycological Research* 107: 1403–1418.
- Tønsberg T. (2002): Notes on non-corticulous *Lepraria* s. lat. in Norway. – *Graphis Scripta* 13: 45–51.
- Trembley M. L., Ringli C. & Honegger R. (2002): Morphological and molecular analysis of early stages in the resynthesis of the lichen *Baeomyces rufus*. – *Mycological Research* 106: 768–776.
- Truong C. & Clerc P. (2003): The *Parmelia borreri* group (lichenized Ascomycetes) in Switzerland. – *Botanica Helvetica* 113: 49–61.
- Türk R. & Uhl A. (2003): Die Verbreitung der Gattungen *Lasallia* und *Umbilicaria* in Österreich. – *Bibliotheca Lichenologica* 86: 465–483.
- Van den Boom P. P. G. (2002): A new isidiate species of *Catillaria* from the Netherlands. – *The Lichenologist* 34: 321–325.
- Van den Boom P. & Jansen J. (2002): Lichens in the upper belt of the Serra da Estrela (Portugal). – *Österreichische Zeitschrift für Pilzkunde* 11: 1–28.
- Van Herk C. M. & Aptroot A. (2003): A new status for the Western European taxa of the *Cladonia cervicornis* group. – *Bibliotheca Lichenologica* 86: 193–203.
- Vitikainen O. & Dudoreva T. (2003): *Arctoparmelia subcentrifuga* new to Europe. – *Graphis Scripta* 14: 3–4.
- Vonarburg C., Cezanne R., Eichler M., Gnüchtel A., Hofmann P., Hohmann M.-L. & Türk R. (2002): Artenliste der Flechten un flechtenbewohnenden Pilze im Gebiet von Finhaut (Wallis, Schweiz). Ergebnisse der BLAM-Exkursion 2000. – *Meylania* 22: 8–20.
- Walser J. C., Sperisen C., Soliva M. & Scheidegger C. (2003): Fungus-specific microsatellite primers of lichens: application for the assessment of genetic variation on different spatial scales in *Lobaria pulmonaria*. – *Fungal Genetics and Biology* 40: 72–82.
- Walser J. C., Zoller S., Büchler U. & Scheidegger C. (2001): Species-specific detection of *Lobaria pulmonaria* (lichenized ascomycete) diaspores in litter samples trapped in snow cover. – *Molecular Ecology* 10: 2129–2138.
- Wedin M., Baloch E. & Grube M. (2002): Parsimony analyses of mtSSU and nITS rDNA sequences reveal the natural relationships of the lichen families *Physciaceae* and *Caliciaceae*. – *Taxon* 51: 655–660.
- Wiklund E. & Wedin M. (2003): The phylogenetic relationships of the cyanobacterial lichens in the *Lecanorales* suborder *Peltigerineae*. – *Cladistics* 19: 419–431.

- Wirtz N., Lumbsch H. T., Green T. G. A., Türk R., Pintado A., Sancho L. & Schroeter B. (2003): Lichen fungi have low cyanobiont selectivity in maritime Antarctica. – New Phytologist 160: 177–183.
- Zoller S. & Lutzoni F. (2003): Slow algae, fast fungi: exceptionally high nucleotide substitution rate differences between lichenized fungi *Omphalina* and their symbiotic green algae *Coccomyxa*. – Molecular Phylogenetics and Evolution 29: 629–640.