

- Laburďová J. (2008): Vegetace lučních pramenišť západočeské zřídelní oblasti. – Ms., 57 pp. [Bc. Thesis, in Czech, depon. in: University of South Bohemia, České Budějovice].
- Zelený D. (2008): Lesní vegetace v údolí Vltavy severně od Zlaté Koruny (okres Český Krumlov) [Forest vegetation in the Vltava river valley north of Zlatá Koruna (district of Český Krumlov)]. – Zprávy České botanické společnosti 43: 111–169.

## NOVÁ LICHENOLOGICKÁ LITERATURA XVIII.

### New lichenological literature, XVIII

Zdeněk Palice

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- Adamo P., Bargagli R., Giordano S., Modenesi P., Monaci F., Pittao E., Spagnuolo V. & Tretiach M. (2008): Natural and pre-treatments induced variability in the chemical composition and morphology of lichens and mosses selected for active monitoring of airborne elements. – Environmental Pollution 152: 11–19.
- Amtoft A., Lutzoni F. & Miadlikowska J. (2008): *Dermatocarpon (Verrucariaceae)* in the Ozark Highlands, North America. – Bryologist 111: 1–40.
- Aptroot A., Lücking R., Sipman H. J. M., Umaña L. & Chaves J. L. (2008): Pyrenocarpous lichens with bitunicate asci: A first assessment of the lichen biodiversity inventory in Costa Rica. – Bibliotheca Lichenologica 97: 1–162.
- Aptroot A. & Schumm F. (2008): Key to *Ramalina* species known from Atlantic islands, with two new species from the Azores. – Sauteria 15: 21–57.
- Aptroot A. & Stapper N. J. (2008): Flechten im Nationalpark Eifel und in den angrenzenden Ardennen – ein Exkursionsbericht. – Aktuelle Lichenologische Mitteilungen, N.F., 15: 14–43.
- Aragón G., Belinchón R. & Izquierdo P. (2008): Valoración de la diversidad de líquenes epífitos en bosques de quercíneas mediante un nuevo índice liquénico (IDLE). Aplicación a la Red Natura 2000. – Botanica Complutensis, 32: 37–48.
- Armaleo D., Zhang Y. & Cheung S. (2008): Light might regulate divergently depside and depsidone accumulation in the lichen *Parmotrema hypotropum* by affecting thallus temperature and water potential. – Mycologia 100: 565–576.
- Armstrong R. A. (2008): Lichen competition: two-dimensional warfare in slow motion. – Microbiologist 9: 27–31.
- Asplund J. & Gauslaa Y. (2008): Mollusc grazing limits growth and early development of the old forest lichen *Lobaria pulmonaria* in broadleaved deciduous forests. – Oecologia, 155: 93–99.
- Bajgier-Kowalska M. (2008): Lichenometric dating of landslide episodes in the Western part of the Polish Flysch Carpathians. – Catena 72: 224–234.
- Baptista M. S., Vasconcelos M. T. S. D., Cabral J. P., Freitas M. C. & Pacheco A. M. G. (2008): Copper, nickel and lead in lichen and tree bark transplants over different periods of time. – Environmental Pollution 151: 408–413.
- Baruffo L., Picotto M. & Tretiach M. (2008): Intrathalline variation of chlorophyll a fluorescence emission in the epiphytic lichen *Flavoparmelia caperata*. – Bryologist 111: 455–462.
- Basile A., Sorbo S., Aprile G., Conte B. & Castaldo Cobianchi R. (2008): Comparison of the heavy metal bioaccumulation capacity of an epiphytic moss and an epiphytic lichen. – Environmental Pollution 151: 401–407.
- Beiggi S. & Piercy-Normore M. D. (2007): Evolution of ITS ribosomal RNA secondary structures in fungal and algal symbionts of selected species of *Cladonia* sect. *Cladonia* (*Cladoniaceae, Ascomycota*). – Journal of Molecular Evolution 64: 528–542.
- Belinchón R., Martínez I., Escudero A., Aragón G. & Valladares F. (2007): Edge effects on epiphytic communities in a Mediterranean *Quercus pyrenaica* forest. – Journal of Vegetation Science 18: 81–90.
- Benedict J. B. (2008): Experiments on lichen growth, III. The shape of the age-size curve. – Arctic, Antarctic, and Alpine Research 40: 15–26.

- Bennett J. P. (2008): Discrimination of lichen genera and species using element concentrations. – *Lichenologist* 40: 135–151.
- Berger F. & Priemetzhofer F. (2008): Neufunde und interessante Nachweise von Flechten und flechtenbewohnenden Pilzen von den Azoren. – *Herzogia* 21: 125–146.
- Berthelsen K., Olsen H. & Søchting U. (2008): Indicator values for lichens on *Quercus* as a tool to monitor ammoni a pollution in Denmark. – *Sauteria* 15: 59–77.
- Bilovitz P.O., Kněžević B., Stešević D., Vitikainen O., Dragičević S. & Mayrhofer H. (2008): New or otherwise interesting lichenized and lichenicolous fungi from Montenegro. – *Fritschiana* 62: 1–44.
- Bilovitz P. O. & Mayrhofer H. (2008): A contribution to the lichenized fungi of Serbia. – *Sauteria* 15: 79–94.
- Bilovitz P. O. & Mayrhofer H. (2008): Zur Diversität lichenisierter Pilze auf der Schneeealpe (Nordalpen, Steiermark). – *Mitteilungen der Naturwissenschaftlichen Vereines für Steiermark* 137: 25–39.
- Binder M. D. & Ellis C. J. (2008): Conservation of the rare British lichen *Vulpicida pinastri*: changing climate, habitat loss and strategies for mitigation. – *Lichenologist* 40: 63–79.
- Blasco M., Domeño C. & Nerín C. (2008): Lichens biomonitoring as feasible methodology to assess air pollution in natural ecosystems: Combined study of quantitative PAHs analyses and lichen biodiversity in the Pyrenees Mountains. – *Analytical and Bioanalytical Chemistry* 391: 759–771.
- Bolli J. C., Wagner H. H., Kalwij J. M., Werth S., Cherubini P., Scheidegger C. & Rigling A. (2008): Growth dynamics after historic disturbance in a montane forest and its implications for an endangered epiphytic lichen. – *Botanica Helvetica* 118: 111–127.
- Boudreault C., Bergeron Y., Drapeau P. & Mascarúa López L. (2008): Edge effects on epiphytic lichens in remnant stands of managed landscapes in the eastern boreal forest of Canada. - *Forest Ecology and Management* 255: 1461–1471.
- Bowker M. A., Koch G. W., Belnap J. & Johnson N. C. (2008): Nutrient availability affects pigment production but not growth in lichens of biological soil crusts. – *Soil Biology & Biochemistry* 40: 2819–2826.
- Bradwell T. & Armstrong R.A. (2007): Growth rates of *Rhizocarpon geographicum* lichens: a review with new data from Iceland. – *Journal of Quaternary Science* 22: 311–320.
- Branquinho C., Gaio-Oliveira G., Augusto S., Pinho P., Mágua C. & Correia O. (2008): Biomonitoring spatial and temporal impact of atmospheric dust from a cement industry. – *Environmental Pollution* 151: 292–299.
- Breuss O. (2008): Bemerkungen zu einigen Arten der Flechtengattung *Verrucaria*. – *Sauteria* 15: 121–138.
- Breuss O. (2008): Neue Flechtenfunde, vorwiegend pyrenocarper Arten, aus Oberösterreich 2. – *Beiträge zur Naturkunde Oberösterreichs* 18: 271–276.
- Breuss O. (2008): Neue Funde pyrenocarper Flechten aus den Julischen Alpen (Slowenien und Italien). – *Herzogia* 21: 85–92.
- Brodo I. M., Culberson W. L. & Culberson C. F. (2008): *Haematomma* (*Lecanoraceae*) in North and Central America, including the West Indies. – *Bryologist* 111: 363–423.
- Brunauer G., Hager A., Grube M., Türk R. & Stocker-Wörgötter E. (2007): Alterations in secondary metabolism of aposymbiotically grown mycobionts of *Xanthoria elegans* and cultured resynthesis stages. – *Plant Physiology and Biochemistry* 45: 146–151.
- Bunnell F. L., Spribille T., Houde I., Goward T. & Björk C. (2008): Lichens on down wood in logged and unlogged forest stands. – *Canadian Journal of Forest Research* 38: 1033–1041.
- Cáceres M. E. S., Lücking R. & Rambold G. (2008): Efficiency of sampling methods for accurate estimation of species richness of corticolous microlichens in the Atlantic rainforest of northeastern Brazil. – *Biodiversity and Conservation* 17: 1285–1301.
- Campbell J. & Fredeen A.L. (2007): Contrasting the abundance, nitrogen, and carbon of epiphytic macrolichens species between host trees and soil types in a sub-boreal forest. – *Canadian Journal of Botany* 85: 31–42.
- Cansaran Duman D., Aras S. & Atakol O. (2008): Determination of usnic acid content in some lichen species found in Anatolia. – *Journal of Applied Biological Sciences* 2: 41–44.
- Cardinale M., Vieira de Castro Jr J., Müller H., Berg G. & Grube M. (2008): In situ analysis of the bacterial community associated with the reindeer lichen *Cladonia arbuscula* reveals predominance of *Alphaproteobacteria*. – *FEMS Microbiology Ecology* 66: 63–71.
- Caruso A., Rudolphi J. & Thor G. (2008): Lichen species diversity and substrate amounts in young planted boreal forests: A comparison between slash and stumps of *Picea abies*. – *Biological Conservation* 141: 47–55.

- Cassie D. & Piercey-Normore M.D. (2008). Dispersal in a sterile lichen-forming fungus, *Thamnolia subuliformis* (Ascomycotina, Icmadophilaceae). – Canadian Journal of Botany 86: 751–762.
- Cezanne R., Eichler M., Hohmann M.-L. & Wirth V. (2008): Die Flechten des Odenwaldes. – Andrias 17: 1–520.
- Cezanne R., Eichler M., Kirschbaum U. & Windisch U. (2008): Flechten als Anzeiger des Klimawandels. – Sauteria 15: 159–174.
- Cieśliński S. (2008): Materiały do bioty porostów Puszczy Kozienickiej (Polska Środkowa). – Fragmenta Floristica et Geobotanica 15: 277–288.
- Clerc P. & Truong C. (2008): The non-sorediate and non-isidiate *Parmelina* species (lichenized ascomycetes, *Parmeliaceae*) in Switzerland - *Parmelina atricha* (Nyl.) P. Clerc reinstated in the European lichen flora. – Sauteria 15: 175–194.
- Coppins B.J. & Aptroot A. (2008): New species and combinations in the lichens of the British Isles. – Lichenologist 40: 363–374.
- Coppins B. J., Berger F. & Ertz D. (2008): *Opegrapha trochodes*, a new widely distributed corticolous species. – Sauteria 15: 195–204.
- Coxson D. S. & Stevenson S. K. (2007): Influence of high-contrast and low-contrast forest edges on growth rates of *Lobaria pulmonaria* in the inland rainforest, British Columbia. – Forest Ecology and Management 253: 103–111.
- Cristofolini F., Giordani P., Gottardini E. & Modenesi P. (2008): The response of epiphytic lichens to air pollution and subsets of ecological predictors: A case study from the Italian Prealps. – Environmental Pollution 151: 308–317.
- Czarnota P. & Kukwa M. (2008): Contribution to the knowledge of some poorly known lichens in Poland. I. The genus *Absconditella*. – Folia Cryptogamica Estonica 44: 1–7.
- Czarnota P. & Kukwa M. (2008): Contribution to the knowledge of some poorly known lichens in Poland. II. The genus *Psilolechia*. – Folia Cryptogamica Estonica 44: 9–15.
- Czarnota P. & Wojnarowicz A. (2008): Porosty i grzyby naporostowe północnej części grupy Lubania w Gorcach [Lichens and lichenicolous fungi of the northern part of Lubań range in the Gorce Mts (Carpathians, Poland)]. – Ochrona Beskidów Zachodnich 2: 21–49.
- Davies G. M. & Legg C. J. (2008): The effect of traditional management burning on lichen diversity. – Applied Vegetation Science 11: 529–538.
- Davydov E. A. & Zhurbenko M. (2008): Contribution to *Umbilicariaceae* (lichenized Ascomycota) studies in Russia I. Mainly Arctic species. – Herzogia 21: 157–166.
- Dimos-Zych M. & Czarnota P. (2007): Porosty doliny Łomniczki i Kotła Łomniczki we wschodniej części Karkonoszy. – Opera Corcontica 44: 289–304.
- Димитрова Л.В. [Dymytrova L.V.] (2008): Видовий склад епіфітних лишайників та мохоподібних на деревних породах Києва [Epiphytic lichens and bryophytes distribution on wood species in Kyiv city]. – Вісник Харківського національного університету імені В.Н.Каразіна. Серія: біологія [The Journal of V.N. Karazin National University. Series: Biology] 7: 30–37.
- Edman M., Eriksson A.-M. & Villard M.-A. (2008): Effects of selection cutting on the abundance and fertility of indicator lichens *Lobaria pulmonaria* and *Lobaria quercizans*. – Journal of Applied Ecology 45: 26–33.
- Ekman S., Andersen H. L. & Wedin M. (2008): The limitations of ancestral state reconstruction and the evolution of the ascus in the *Lecanorales* (lichenized Ascomycota). – Systematic Biology 57: 141–156.
- Elvebakk A., Papaefthimiou D., Robertsen E. H. & Liaimer A. (2008): Phylogenetic patterns among *Nostoc* cyanobionts within bi- and tripartite lichens of the genus *Pannaria*. – Journal of Phycology 44: 1049–1059.
- Ertz D., Diederich P., Brand A.M., van den Boom P. & Sérusiaux E. (2008): New or interesting lichens and lichenicolous fungi from Belgium, Luxembourg and northern France. XI. – Bulletin de la Société des naturalistes luxembourgeois 109: 35–51.
- Ertz D., Lawrey J. D., Sikaroodi M., Gillevet P. M., Fischer E., Killmann D. & Sérusiaux E. (2008): A new lineage of lichenized basidiomycetes inferred from a two-gene phylogeny: The *Lepidostromataceae* with three species from the tropics. – American Journal of Botany 95: 1548–1556.
- Farkas E. & Suija A. (2008): The species of the former *Toninia coeruleonigricans* group in Estonia. – Folia Cryptogamica Estonica 44: 33–36.
- Fischer E. & Killmann D. (2008): Weiderfund von *Lobaria virens* in Deutschland. – Herzogia 21: 79–84.
- Frati L., Brunialti G. & Loppi S. (2008): Effects of reduced nitrogen compounds on epiphytic lichen communities in Mediterranean Italy. – Science of the Total Environment 407: 630–637.

- Fritz Ö., Gustafsson L. & Larsson K. (2008): Does forest continuity matter in conservation? – A study of epiphytic lichens and bryophytes in beech forests of southern Sweden. – *Biological Conservation* 141: 655–668.
- Fryday A. M. (2008): The genus *Fuscidea* (*Fuscideaceae*, lichenized *Ascomycota*) in North America. – *Lichenologist* 40: 295–328.
- Fryday A. M. & Coppins B. J. (2008): *Ameliella*, a new genus of lichen-forming fungi from north-west Europe and western Canada. – *Lichenologist* 40: 387–397.
- Garvie L. A. J., Knauth L. P., Bungartz F., Klonowski S. & Nash T. H. III (2008): Life in extreme environments: survival strategy of the endolithic desert lichen *Verrucaria rubrocincta*. – *Naturwissenschaften* 95: 705–712.
- Gauslaa Y. (2008): Mollusc grazing may constrain the ecological niche of the old forest lichen *Pseudocyphellaria crocata*. – *Plant Biology* 10: 711–717.
- Gauslaa Y., Lie M. & Ohlson M. (2008): Epiphytic lichen biomass in a boreal Norway spruce forest. – *Lichenologist* 40: 257–266.
- Gaya E., Navarro-Rosinés P., Llimona X., Hladun N. & Lutzoni F. (2008): Phylogenetic reassessment of the *Teloschistaceae* (lichen-forming *Ascomycota*, *Lecanoromycetes*). – *Mycological Research* 112: 528–546.
- Geiser L. H. & Neitlich P. (2007): Air pollution and climate gradients in western Oregon and Washington indicated by epiphytic macrolichens. – *Environmental Pollution* 145: 203–218.
- Giordani P. & Incerti G. (2008): The influence of climate on the distribution of lichens: a case study in a borderline area (Liguria, NW Italy). – *Plant Ecology* 195: 257–272.
- Glavich D. A. & Geiser L. H. (2008): Potential approaches to developing lichen-based critical loads and levels for nitrogen, sulfur and metal-containing atmospheric pollutants in North America. – *Bryologist* 111: 638–649.
- Gob F., Jacob N., Bravard J.-P. & Petit F. (2008): The value of lichenometry and historical archives in assessing the incision of submediterranean rivers from the Little Ice Age in the Ardèche and upper Loire (France). – *Geomorphology* 94: 170–183.
- Gough L., Shrestha K., Johnson D. R. & Moon B. (2008): Long-term mammalian herbivory and nutrient addition alter lichen community structure in Alaskan dry heath tundra. – *Arctic, Antarctic, and Alpine Research* 40: 65–73.
- Gustafsson A. & Milberg P. (2008): Changes in the abundance of *Lobaria pulmonaria* in south-eastern Sweden from 1994 to 2007. – *Graphis Scripta* 20: 44–51.
- Hafellner J. (2008): Additions and corrections to the checklist and bibliography of lichens and lichenicolous fungi of insular Laurimacaronesia. IV. – *Fritschiana* 64: 1–28.
- Hafellner J., Herzog G. & Mayrhofer H. (2008): Zur Diversität von lichenisierten und lichenicolen Pilzen in den Ennstaler Alpen (Österreich: Steiermark, Oberösterreich). – *Mitteilungen der Naturwissenschaftlichen Vereines für Steiermark* 137: 131–204.
- Hager A., Brunauer G., Türk R. & Stocker-Wörgötter E. (2008): Production and bioactivity of common lichen metabolites as exemplified by *Heterodea muelleri* (Hampe) Nyl.. – *Journal of Chemical Ecology* 34: 113–120.
- Hansen E.S. (2008): The application of lichenometry in dating of glacier deposits. – *Geografisk Tidsskrift-Danish Journal of Geography* 108: 143–151.
- Harris R. C. & Ladd D. (2008): The lichen genus *Chrysothrix* in the Ozark ecoregion, including a preliminary treatment for eastern and central North America – *Opuscula Philolichenum* 5: 29–42.
- Harris R. C. & Morse C. A. (2008): *Monoblastiopsis* (*Dothideomycetes*, *Pleosporales*, incertae sedis), a new genus from the Great Plains and Ozark Highlands. – *Opuscula Philolichenum* 5: 89–96.
- Hauck M. (2008): Epiphytic lichens indicate recent increase in air pollution in the Mongolian capital Ulan Bator. – *Lichenologist* 40: 165–168.
- Hauck M. (2008): Metal homeostasis in *Hypogymnia physodes* is controlled by lichen substances. – *Environmental Pollution* 153: 304–308.
- Hauck M. (2008): Susceptibility to acidic precipitation contributes to the decline of the terricolous lichens *Cetraria aculeata* and *Cetraria islandica* in central Europe. – *Environmental Pollution* 152: 731–735.
- Hauck M. & Jürgens S.-R. (2008): Usnic acid controls the acidity tolerance of lichens. – *Environmental Pollution* 156: 115–122.
- Hauck M., Jürgens S.-R., Brinkmann M. & Herminghaus S. (2008): Surface hydrophobicity causes SO<sub>2</sub> tolerance in lichens. – *Annals of Botany* 101: 531–539.

- Hawksworth D. L., Blanco O., Divakar P. K., Ahti T. & Crespo A. (2008): A first checklist of parmelioid and similar lichens in Europe and some adjacent territories, adopting revised generic circumscriptions and with indications of species distributions. – *Lichenologist* 40: 1–21.
- Heber U. (2008): Photoprotection of green plants: a mechanism of ultra-fast thermal energy dissipation in desiccated lichens. – *Planta* 228: 641–650.
- Hedenås H., Blomberg P. & Ericson L. (2007): Significance of old aspen (*Populus tremula*) trees for the occurrence of lichen photobionts. – *Biological Conservation* 135: 380–387.
- Hedenås H. & Ericson L. (2008): Species occurrences at stand level cannot be understood without considering the landscape context: Cyanolichens on aspen in boreal Sweden. – *Biological Conservation* 141: 710–718.
- Hedenås H. & Hedström P. (2007): Conservation of epiphytic lichens: significance of remnant aspen (*Populus tremula*) trees in clear-cuts. – *Biological Conservation* 135: 388–395.
- Hertel H. & Leuckert C. (2008): *Lecidea atrobrunnea* in Europe and adjacent parts of Asia and Africa. – *Sauteria* 15: 215–238.
- Hinds J. W. & Hinds P. L. (2008): Macrolichens of New England. – New York Botanical Garden Press, New York. [606 pp.]
- Hissler C., Stille P., Krein A., Lahd Geagea M., Perrone T., Probst J.-L. & Hoffmann L. (2008): Identifying the origins of local atmospheric deposition in the steel industry basin of Luxembourg using the chemical and isotopic composition of the lichen *Xanthoria parietina*. – *Science of The Total Environment* 405: 338–344.
- Holien H. & Tønsberg T. (2008): *Xylographa soralifera*, a new species in the *X. vitiligo* complex. – *Graphis Scripta* 20: 58–63.
- Holt E. A. & Bench G. (2008): <sup>14</sup>C/C measurements support Andreev's internode method to determine lichen growth rates in *Cladonia stygia* (Fr.) Ruoss. – *Lichenologist* 40: 559–565.
- Holt E. A., McCune B. & Neitlich P. (2008): Grazing and fire impacts on macrolichen communities of the Seward peninsula, Alaska, U.S.A. – *Bryologist* 111: 68–83.
- Ihlen P. G. & Wedin M. (2008): An annotated key to the lichenicolous *Ascomycota* (including mitosporic morphs) of Sweden. – *Nova Hedwigia* 86: 275–365.
- Jabłońska A. (2008): The lichen genus *Porpidia* in Poland I. *P. cinereoatra* and *P. crustulata*. – *Herzogia* 21: 41–49
- Johansson P. (2008): Consequences of disturbance on epiphytic lichens in boreal and near boreal forests. – *Biological Conservation* 141: 1933–1944.
- Johansson P., Rydin H. & Thor G. (2007): Tree age relationships with epiphytic lichen diversity and lichen life history traits on ash in southern Sweden. – *Ecoscience* 14: 81–91.
- Jonsson A. V., Moen J. & Palmqvist K. (2008): Predicting lichen hydration using biophysical models. – *Oecologia* 156: 259–273.
- Jørgensen P. M. (2008): *Vahliella*, a new lichen genus. – *Lichenologist* 40: 221–225.
- Kalb K., Staiger B., Elix J. A., Lange U. & Lumbsch H. T. (2008): A new circumscription of the genus *Ramboldia* (*Lecanoraceae*, *Ascomycota*) based on morphological and molecular evidence. – *Nova Hedwigia* 86: 23–42.
- Kantvilas G. (2008): Observations on the genus *Scoliciosporum* in Australia, with the description of a second species of *Jarmania*. – *Lichenologist* 40: 213–219.
- Kienesberger A. & Türk R. (2008): Immissionsökologische Flechtenkartierung im Industriegebiet Steyrermühl-Laakirchen und Untersuchung der Schwermetalldepositionen im Bereich des Naturschutzgebietes Traunstein-Laudachsee, Oberösterreich. – *Beiträge zur Naturkunde Oberösterreichs* 18: 277–291.
- Knudsen K., Elix J. A. & Reeb V. (2008): A preliminary study of the genera *Acarospora* and *Pleopsidium* in South America. – *Opuscula Philolichenum* 5: 1–22.
- Kondratyuk S. Y., Kärnefelt I., Elix J. A. & Thell A. (2008): A new circumscription of the genus *Xanthodactylon* (*Teloschistaceae*, lichenized ascomycetes). – *Sauteria* 15: 265–282.
- Kossowska M. (2007): Biota porostów Karkonoszy – Historia i stan obecny. – In: Lis J.A. & Mazur M.A. (eds), *Przyrodnicze wartości polsko-czeskiego pogranicza jako wspólne dziedzictwo Unii Europejskiej*, p. 83–93, Centrum Studiów nad Bioróżnorodnością, Uniwersytet Opolski, Opole.
- Kossowska M. (2008): Lichens growing on calcareous rocks in the Polish part of the Sudety Mountains. – *Acta Botanica Silesiaca Monographiae* 3: 3–108.
- Kossowska M. (2008): New and interesting lichenicolous fungi of the Karkonosze Mountains, SW Poland. – *Herzogia* 21: 219–222.

- Kossowska M. (2008): Notes on *Leptogium* and *Dermatocarpon* species (lichenized Ascomycota) from a basalt outcrop in Mały Śnieżny Kocioł cirque (Karkonosze Mts, Poland). – Polish Botanical Journal 53: 95–96.
- Kossowska M. (2008): *Pertusaria lactescens* (lichenized Ascomycota, Pertusariaceae), a lichen species new to Central Europe. – Polish Botanical Journal 53: 69–70.
- Kotelko R., Doering M. & Piercy-Normore M.D. (2008): Species diversity and genetic variation of terrestrial lichens and bryophytes in a boreal Jack Pine Forest of central Canada. – Bryologist 111: 594–606.
- Kowalewska A. & Kukwa M. (2007): *Cladonia asahinae*, a lichen species overlooked in Poland. – Polish Botanical Journal 52: 173–175.
- Kowalewska A., Kukwa M., Ostrowska I., Jabłońska A., Oset M. & Szok J. (2008): The lichens of the *Cladonia pyxidata-chlorophphaea* group and allied species in Poland. – Herzogia 21: 61–78.
- Kranner I., Beckett R., Hochman A. & Nash T. H. III (2008): Desiccation-Tolerance in Lichens: A Review. – Bryologist 111: 576–593.
- Krzewicka B. & Hachulka M. (2008): New and interesting records of freshwater *Verrucaria* in Central Poland. – Acta Mycologica 43: 91–98.
- Krzewicka B. & Kiszka J. (2007): *Verrucaria elaeomelaena* and *V. funckii* (Verrucariaceae) in Poland. – Polish Botanical Journal 52: 125–131.
- Krzewicka B. & Maciejowski W. (2008): Lichen species from the northeastern shore of Sørkapp Land (Svalbard). – Polar Biology 31: 1319–1324.
- Kubiak D. (2008): Porosty rezerwatów torfowiskowych „Mszar” i „Redykajny” na Pojezierzu Olsztyńskim. – Parki Narodowe i Rezerwaty Przyrody 27: 3–14.
- Kubiak D. & Kukwa M. (2008): Uzupełnienia do bioty porostowej miasta Olsztyna (NE Polska). – Fragmenta Floristica et Geobotanica 15: 107–115.
- Kuborn F. & Diederich P. (2008): Die silicolen Flechten im Naturpark Obersauer (Luxemburg). – Bulletin de la Société des naturalistes luxembourgeois 109: 17–34.
- Kukwa M. (2008): The lichen genus *Ochrolechia* in Poland II. Sorediate taxa with variolaric acid. – Herzogia 21: 5–24.
- Kukwa M. & Jabłońska A. (2008): New or interesting records of lichenicolous fungi from Poland VI. – Herzogia 21: 167–179.
- Kulikova N. N., Suturin A. N., Boiko S. M., Lishtva A. V., Paradina L. F., Saibatalova E. V., Timoshkin O. A., Potemkina T. G., Zavarzin A. A. & Khanaev I. V. (2008): Original Data on the Diversity, Ecology, and Chemical Composition of Aquatic and Semiaquatic Lichens (Lichenes) of the Stony Littoral of Lake Baikal. – Contemporary Problems of Ecology 1: 316–321.
- Kytöviita M.-M. & Crittenden P. D. (2007): Growth and nitrogen relations in the mat-forming lichens *Stereocaulon paschale* and *Cladonia stellaris*. – Annals of Botany 100: 1537–1545.
- Lakatos M., Hartard B. & Máguas C. (2007): The stable isotopes  $\delta^{13}\text{C}$  and  $\delta^{18}\text{O}$  of lichens can be used as tracers of microenvironmental carbon and water sources. – In: Dawson T.E. & Siegwolf R.T.W. (eds), Stable Isotopes as Indicators of Ecological Change (Terrestrial Ecol. Ser.), p. 77–92, Elsevier Inc., Academic Press.
- Lange O. L. & Green T. G. A. (2008): Diel and seasonal courses of ambient carbon dioxide concentration and their effect on productivity of the epilithic lichen *Lecanora muralis* in a temperate, suburban habitat. – Lichenologist 40: 449–462.
- Laundon J. R. (2008): Some synonyms in *Chrysotrichia* and *Lepraria*. – Lichenologist 40: 411–414.
- Lázaro R., Cantón Y., Solé-Benet A., Bevan J., Alexander R., Sancho L.G. & Puigdefábregas J. (2008): The influence of competition between lichen colonization and erosion on the evolution of soil surfaces in the Tabernas badlands (SE Spain) and its landscape effects. – Geomorphology 102: 252–266.
- Leppik E. & Jüriado I. (2008): Factors important for epiphytic lichen communities in wooded meadows of Estonia. – Folia Cryptogamica Estonica 44: 75–87.
- Lindblom L. & Söchting U. (2008): Taxonomic revision of *Xanthomendoza borealis* and *Xanthoria mawsonii* (*Lecanoromycetes*, Ascomycota). – Lichenologist 40: 399–409.
- Lõhmus A. & Lõhmus P. (2008): First-generation forests are not necessarily worse than long-term managed forests for lichens and bryophytes. – Restoration Ecology 16: 231–239.
- Lohtander K., Ahti T., Stenroos S. & Urbanavichus G. (2008): Is *Anaptychia* monophyletic? A phylogenetic study based on nuclear and mitochondrial genes. – Annales Botanici Fennici 45: 55–60.
- Lücking R. (2008): Follicolous lichenized fungi (Flora Neotropica 103). – New York Botanical Garden Press, Bronx, NY. [866 pp.]

- Lücking R. (2008): Foliicolous lichens as model organisms to study tropical rainforest ecology: background, data, and protocols. – *Sauteria* 15: 335–362.
- Lücking R., del Prado R., Lumbsch H. T., Will-Wolf S., Sipman H. J. M., Umaña L. & Chaves J. L. (2008): Phylogenetic patterns of morphological and chemical characters and reproductive mode in the *Heterodermia obscurata* group in Costa Rica (*Ascomycota*, *Physciaceae*). – *Systematics and Biodiversity* 6: 31–41.
- Lücking R., Chaves J.L., Sipman H. J. M., Umaña L. & Aptroot A. (2008): A first assessment of the Ticolichen Biodiversity Inventory in Costa Rica: the genus *Graphis*, with notes on the genus *Hemithecium* (*Ascomycota*: *Ostropales*: *Graphidaceae*). – *Fieldiana Botany* 46: 1–130.
- Lücking R., Lumbsch H. T., Di Stefano J.F., Lizano D., Carranza J., Bernecker A., Chaves J.L. & Umaña L. (2008): *Eremithallus costaricensis* (*Ascomycota*: *Lichinomycetes*: *Eremithallales*), a new fungal lineage with a novel lichen symbiotic lifestyle discovered in an urban relict forest in Costa Rica. – *Symbiosis* 46: 161–170.
- Lücking R., Papong K., Thammathaworn A. & Boonpragob K. (2008): Historical biogeography and phenotype-phylogeny of *Chroodiscus* (lichenized *Ascomycota*: *Ostropales*: *Graphidaceae*). – *Journal of Biogeography* 35: 2311–2327.
- Lumbsch H. T., Nelsen M. P. & Lücking R. (2008): The phylogenetic position of *Haematommataceae* (*Lecanorales*, *Ascomycota*), with notes on secondary chemistry and species delimitation. – *Nova Hedwigia* 86: 105–114.
- Maestre F. T., Escolar C., Martínez I. & Escudero A. (2008): Are soil lichen communities structured by biotic interactions? A null model analysis. – *Journal of Vegetation Science* 19: 261–266.
- Makkonen S., Hurri R. S .K. & Hyvärinen M. (2007): Differential responses of lichen symbionts to enhanced nitrogen and phosphorus availability: an experiment with *Cladina stellaris*. – *Annals of Botany* 99: 877–884.
- Mangold A., Martín M. P., Kalb K., Lücking R. & Lumbsch H. T. (2008): Molecular data show that *Topeliopsis* (*Ascomycota*, *Thelotremaeae*) is polyphyletic. – *Lichenologist* 40: 39–46.
- Mangold A., Martín M.P., Lücking R. & Lumbsch H.T. (2008): Molecular phylogeny suggests synonymy of *Thelotremaeae* within *Graphidaceae* (*Ascomycota*: *Ostropales*). – *Taxon* 57: 476–486.
- Marmor L. & Randlane T. (2007): Effects of road traffic on bark pH and epiphytic lichens in Tallinn. – *Folia Cryptogamica Estonica* 43: 23–37.
- Masson D. (2008): Découverte de cinq espèces rares de macrolichens dans les Pyrénées occidentales françaises : une présence relictuelle? – *Cryptogamie, Mycologie* 29: 35–61.
- Matthews J. A. & Owen G. (2008): Endolithic lichens, rapid biological weathering and Schmidt hammer R-values on recently exposed rock surfaces: Storbreen glacier foreland, Jotunheimen, Norway. – *Geografiska Annaler* 90A: 287–297.
- Matwiejuk A. (2008): Lichens of the Holy Hill orthodox sanctuary in Grabarka (NE Poland). – *Acta Mycologica* 43: 105–111.
- McCarthy D. P. (2007): Lichenometry. – In: Elias S.A. (ed.), *Encyclopedia of Quaternary Science*, p. 1399–1405, Elsevier, Amsterdam, Boston, Heidelberg, London, New York, Oxford.
- McMullin R. T., Duinker P. N., Cameron R. P., Richardson D. H. S. & Brodo I. M. (2008): Lichens of coniferous old-growth forests of southwestern Nova Scotia, Canada: diversity and present status. – *Bryologist* 111: 620–637.
- Motiejūnaitė J., Alstrup V., Randlane T., Himelbrant D., Stončius D., Hermansson J., Urbanavichus G., Suija A., Fritz Ö., Prigodina-Lukošienė I. & Johansson P. (2008): New or noteworthy lichens, lichenicolous and allied fungi from Biržai District, Lithuania. – *Botanica Lithuanica* 14: 29–42.
- Motiejūnaitė J. & Czyżewska K. (2008): Additions to the biota of lichens and lichenicolous fungi of Poland, with a note on *Lecania prasinoides* in Eastern and Central Europe. – *Polish Botanical Journal* 53: 155–162.
- Mrak T., Šlejkovec Z., Jeran Z., Jaćimović R. & Kastelec D. (2008): Uptake and biotransformation of arsenate in the lichen *Hypogymnia physodes* (L.) Nyl.. – *Environmental Pollution* 151: 300–307.
- Muggia L., Grube M. & Tretiach M. (2008): A combined molecular and morphological approach to species delimitation in black-fruited, endolithic *Caloplaca*: high genetic and low morphological diversity. – *Mycological Research* 112: 36–49.
- Muggia L., Grube M. & Tretiach M. (2008): Genetic diversity and photobiont associations in selected taxa of the *Tephromela atra* group (*Lecanorales*, lichenised *Ascomycota*). – *Mycological Progress* 7: 147–160.

- Muggia L., Hafellner J., Wirtz N., Hawksworth D. L. & Grube M. (2008): The sterile microfilamentous lichenized fungi *Cystocoleus ebeneus* and *Racodium rupestre* are relatives of plant pathogens and clinically important dothidealean fungi. – Mycological Research 112: 50–56.
- Muggia L., Schmitt I. & Grube M. (2008): Purifying selection is a prevailing motif in the evolution of ketoacyl synthase domains of polyketide synthases from lichenized fungi. – Mycological Research 112: 277–288.
- Nascimbene J., Marini L., Caniglia G., Cester D. & Nimis P.L. (2008): Lichen diversity on stumps in relation to wood decay in subalpine forests of northern Italy. – Biodiversity and Conservation 17: 2661–2670.
- Nascimbene J., Marini L., Carrer M., Motta R. & Nimis P.L. (2008): Influences of tree age and tree structure on the macrolichen *Letharia vulpina*: a case study in the Italian Alps. – Ecoscience 15: 423–428.
- Nascimbene J., Marini L., Motta R. & Nimis P.L. (2008): Lichen diversity of coarse woody habitats in a *Pinus-Larix* stand in the Italian Alps. – Lichenologist 40: 153–163.
- Nascimbene J. & Salvadori O. (2008): Lichen recolonization on restored calcareous statues of three Venetian villas. – International Biodeterioration and Biodegradation 62: 313–318.
- Nash III T. H. (ed) (2008): Lichen Biology. Second Edition. – Cambridge University Press, Cambridge. [486 pp.]
- Naveau P., Jomelli V., Cooley D., Delphine G. & Rabatel A. (2007): Modeling uncertainties in lichenometry studies. – Arctic, Antarctic and Alpine Research 39: 277–285.
- Nelsen M. P. & Gargas A. (2008): Dissociation and horizontal transmission of codispersing lichen symbionts in the genus *Lepraria* (*Lecanorales: Stereocaulaceae*). – New Phytologist 177: 264–275.
- Nelsen M. P. & Gargas A. (2008): Phylogenetic distribution and evolution of secondary metabolites in the lichenized fungal genus *Lepraria* (*Lecanorales: Stereocaulaceae*). – Nova Hedwigia 86: 115–131.
- Nordin A., Tibell L. & Owe-Larsson B. (2008): *Aspicilia berntii*, a new name for a poorly known species. – Lichenologist 40: 127–133.
- Obermayer W. (2008): Fotografische Dokumentation einer ungewöhnlich reich fruchtenden Aufsammlung von *Cetraria islandica* (L.) Ach. (mit einem historischen Abriss zur Darstellung fertiler Thalli, Anmerkungen zur Gestalt der Pycnosporen und einigen Notizen zum Gebrauch des ‚Krampertees‘). – Mitteilungen des naturwissenschaftlichen Vereines für Steiermark 138: 113–158.
- Oset M. (2008): The lichen genus *Stereocaulon* in Poland I. *S. condensatum* and *S. incrustatum*. – Herzogia 21: 51–59.
- Oset M., Jabłońska J. & Kukwa M. (2008): Distribution and ecology of the rare lichen species *Cladonia stygia* (*Cladoniaceae, Ascomycota*) in Poland. – Botanica Lithuanica 14: 43–48.
- Osyczka P. & Węgrzyn M. (2008): Lichens on lignum in the coastal regions of western Spitsbergen (Svalbard). – Biologia 63: 1069–1072.
- Otalora M. A. G., Martínez I., Molina M. C., Aragón G. & Lutzoni F. (2008): Phylogenetic relationships and taxonomy of the *Leptogium lichenoides* group (*Collemataceae, Ascomycota*) in Europe. – Taxon 57: 907–921.
- Otnyukova T. N. & Sekretenko O. P. (2008): Lichens on branches of Siberian Fir (*Abies sibirica* Ledeb.) as indicators of atmospheric pollution in forests. – Biology Bulletin 35: 411–421.
- Otnyukova T. N. & Sekretenko O. P. (2008): Spatial distribution of lichens on twigs in remote Siberian silver fir forests indicates changing atmospheric conditions. – Lichenologist 40: 243–256.
- Otte V. (2008): Rückkehr der Bartflechten – Über die Wiedereinwanderung von *Usnea*- und *Bryoria*-Arten in Brandenburg und Sachsen mit Hinweisen zu ihrer Bestimmung. – Boletus 30: 95–105.
- Otte V. (2008): Über Identität und Nomenklatur einiger Flechtengesellschaften. – Sauteria 15: 371–383.
- Papong K., Thammathaworn A. & Boonpragob K. (2008): *Rolueckia* (*Ostropales: Gomphillaceae*), a new genus of foliicolous lichens. – Nova Hedwigia 86: 201–208.
- Pavlova E. A. & Maslov A. I. (2008): Nitrate uptake by isolated biotons of the lichen *Parmelia sulcata*. – Russian Journal of Plant Physiology 55: 475–479.
- Pawlak-Skowrońska B., Wójciak H. & Skowroński T. (2008): Heavy metal accumulation, resistance and physiological status of some epigaeic and epiphytic lichens inhabiting Zn and Pb polluted areas. – Polish Journal of Ecology 56: 195–207.
- Pérez-Ortega S. & Etayo J. (2008): A new species of *Lecanora* s. lat., growing on *Lasallia pustulata*. – Lichenologist 40: 111–118.
- Piercey-Normore M.D. (2007): The genus *Cladonia* in Manitoba: exploring taxonomic trends with secondary metabolites. – Mycotaxon 101: 189–199.

- Pinho P., Augusto S., Mágua C., Pereira M. J., Soares A. & Branquinho C. (2008): Impact of neighbourhood land-cover in epiphytic lichen diversity: Analysis of multiple factors working at different spatial scales. – *Environmental Pollution* 151: 414–422.
- Pinho P., Augusto S., Martins-Loução M. A., Pereira M. J., Soares A., Mágua C. & Branquinho C. (2008): Causes of change in nitrophytic and oligotrophic lichen species in a Mediterranean climate: Impact of land cover and atmospheric pollutants. – *Environmental Pollution* 154: 380–389.
- Podterop A. P. (2008): Chemical composition of lichens and their medical applications. – *Pharmaceutical Chemistry Journal* 42: 582–588.
- Poličník H., Simončič P. & Batič F. (2008): Monitoring air quality with lichens: A comparison between mapping in forest sites and in open areas. – *Environmental Pollution* 151: 395–400.
- Priemetzhofer F. (2008): Die Flechten im Einzugsgebiet des Thurytals bei Freistadt (Oberösterreich, Austria) – Beiträge zur Naturkunde Oberösterreichs 18: 315–379.
- Prieto A., Leal J. A., Bernabé M. & Hawksworth D. L. (2008): A polysaccharide from *Lichina pygmaea* and *L. confinis* supports the recognition of *Lichinomycetes*. – *Mycological Research* 112: 381–388.
- Printzen C. (2008): Uncharted terrain: the phylogeography of arctic and boreal lichens. – *Plant Ecology and Diversity* 1: 265–271.
- Printzen C., Spribille T. & Tønsberg T. (2008): *Myochroidea*, a new genus of corticolous, crustose lichens to accommodate the *Lecidea leprosula* group. – *Lichenologist* 40: 195–207.
- Purvis O. W., Dubbin W., Chimonides P. D. J., Jones G. C. & Read H. (2008): The multi-element content of the lichen *Parmelia sulcata*, soil, and oak bark in relation to acidification and climate. – *Science of the Total Environment* 390: 558–568.
- Purvis O. W. & Pawlik-Skowrońska B. (2008): Lichens and metals. – In: Avery S.V., Stratford M. & van West P. (eds), p. 175–200, *Stress in Yeasts and Filamentous Fungi*. Elsevier, Amsterdam.
- Purvis O. W., Pawlik-Skowrońska B., Cressey G., Jones G. C., Kearsley A. & Spratt J. (2008): Mineral phases and element composition of the copper hyperaccumulator lichen *Lecanora polytropa*. – *Mineralogical Magazine* 72: 607–616.
- Pykälä J. (2008): Additions to the lichen flora of Finland. III. – *Graphis Scripta* 20: 19–27.
- Radeka M., Ranogajec J., Kiurski J., Markov S. & Marinković-Nedučin R. (2007): Influence of lichen biocorrosion on the quality of ceramic roofing tiles. – *Journal of the European Ceramic Society* 27: 1763–1766.
- Randlane T., Jüriado I., Suija A., Lõhmus P. & Leppik E. (2008): Lichens in the new Red List of Estonia. – *Folia Cryptogamica Estonica* 44: 113–120.
- Ranius T., Eliasson P. & Johansson P. (2008): Large-scale occurrence patterns of red-listed lichens and fungi on old oaks are influenced both by current and historical habitat density. – *Biodiversity and Conservation* 17: 2371–2381.
- Ranius T., Johansson P., Berg N. & Niklasson M. (2008): The influence of tree age and microhabitat quality on the occurrence of crustose lichens associated with old oaks. – *Journal of Vegetation Science* 19: 653–662.
- Reeb V., Haugen P., Bhattacharya D. & Lutzoni F. (2007): Evolution of *Pleopsidium* (lichenized *Ascomycota*) S943 group I introns and the phylogeography of an intron-encoded putative homing endonuclease. – *Journal of Molecular Evolution* 64: 285–298.
- Reese Næsborg R. (2008): Taxonomic revision of the *Lecania cyrtella* group based on molecular and morphological evidence. – *Mycologia* 100: 397–416.
- Reiter R., Höftberger M., Green T.G.A. & Türk R. (2008): Photosynthesis of lichens from lichen-dominated communities in the alpine/nival belt of the Alps – II: Laboratory and field measurements of CO<sub>2</sub> exchange and water relations. – *Flora* 203: 34–46.
- Riddell J., Nash III T. H. & Padgett P. (2008): The effect of HNO<sub>3</sub> gas on the lichen *Ramalina menziesii*. – *Flora* 203: 47–54.
- Rivas Plata E., Lücking R. & Lumbsch H. T. (2008): When family matters: an analysis of *Thelotremaeaceae* (lichenized *Ascomycota*: *Ostropales*) as bioindicators of ecological continuity in tropical forests. – *Biodiversity and Conservation* 17: 1319–1351.
- Rolstad J. & Rolstad E. (2008): Intercalary growth causes geometric length expansion in Methuselah's beard lichen (*Usnea longissima*). – *Canadian Journal of Botany* 86: 1224–1232.
- Roux C., Bauvet C., Bricaud O. & Coste C. (2008): *Gyalecta crozalsii* (*Gyalectaceae*, *Ostropales*, *Ascomycota*), malbone konata specio. – *Sauteria* 15: 421–432.
- Roux C., Coste C., Bricaud O., Bauver C. & Masson D. (2008): Lichens et champignons lichénicoles du parc national des Cévennes (France) 5 – Vue d'ensemble et conclusion. – *Bulletin de la Société Linnéenne de Provence* 59: 243–279.

- Sancho L. G., Green T. G. A. & Pintado A. (2007): Slowest to fastest: Extreme range in lichen growth rates supports their use as an indicator of climate change in Antarctica – Flora 202: 667–673.
- Savić S. & Tibell L. (2008): *Atla*, a new genus in the *Verrucariaceae* (*Verrucariales*). – Lichenologist 40: 269–282.
- Savić S. & Tibell L. (2008): The lichen genus *Henrica* (*Verrucariaceae*, *Eurotiomycetes*) in northern Europe. – Nordic Journal of Botany 26: 237–247.
- Savić S., Tibell L., Gueidan C. & Lutzoni F. (2008): Molecular phylogeny and systematics of *Polyblastia* (*Verrucariaceae*, *Eurotiomycetes*) and allied genera. – Mycological Research 112: 1307–1318.
- Scheidegger C., Keller C. & Stofer S. (2008): Hoch hinaus - Erhebung alpiner Flechten. Wer hilft mit? – Meylania 40: 28–32.
- Scholz P. (2007): Lichen distribution maps – a world index and bibliography. – Haussknechtia Beihalt 14: 1–379.
- Schultz M., Wirth V. & Feuerer T. (2007): Erstfunde von Flechten und lichenicolen Pilzen in Deutschland. – Herzogia 20: 329–334.
- Schumm F. (2008): Flechten Madeiras, der Kanaren und Azoren. – Eigenverlag, Wangen. [294 pp.]
- Sedel'nikova N.V. (2008): Lichen biota of the Altai-Sayan Ecoregion. – Contemporary Problems of Ecology 1: 645–651.
- Seaward M. R. D., Sipman H. J. M. & Sohrabi M. (2008): A revised checklist of lichenized, lichenicolous and allied fungi for Iran. – Sauteria 15: 459–520.
- Śliwa L. & Kukwa M. (2008): *Calicium pinastri* (lichenized Ascomycota), a lichen species new to Poland. – Polish Botanical Journal 53: 189–192.
- Śliwa L. & Wilk K. (2008): Is a remarkable species – *Caloplaca flavescens* (lichenized fungi) – new to the Polish lichen biota? – Acta Mycologica 43: 207–213.
- Søchting U., Lorentsen L. B. & Arup U. (2008): The lichen genus *Caloplaca* (Ascomycota, Lecanoromycetes) on Svalbard. Notes and additions. – Nova Hedwigia 87: 69–96.
- Spier L., van Dort K. & Fritz Ö. (2008): A contribution to the lichen mycota of old beech forests in Bulgaria. – Mycologia Balcanica 5: 141–146.
- Spribille T. & Björk C. R. (2008): New records and range extensions in the North American lignicolous lichen flora. – Mycotaxon 105: 455–468.
- Stetzka K. M. & Werthschütz C. (2008): Veränderungen der epiphytischen Moos- und Flechtenflora im Nationalpark „Sächsische Schweiz“ Ergebnisse von Dauerbeobachtungsflächen von 1999 bis 2005. – Sauteria 15: 529–543.
- Stevenson S. K. & Coxon D. S. (2008): Growth responses of *Lobaria retigera* to forest edge and canopy structure in the inland temperate rainforest, British Columbia. – Forest Ecology and Management 256: 618–623.
- Strakhovenko V. D., Khozhina E. I. & Shcherbov B. L. (2008): Distribution of radioactive Cs and trace elements in the lichen–substrate system and in the lichen body. – Geochemistry International 46: 116–124.
- Suija A., Lõhmus P. & Motiejūnaitė J. (2008): New Estonian records. Lichens and lichenicolous fungi. – Folia Cryptogamica Estonica 44: 156–159.
- Syrek M. & Kukwa M. (2008): Taxonomy of the lichen *Cladonia rei* and its status in Poland. – Biologia 63: 493–497.
- Studzińska E., Witkowska-Banaszczak E. & Bylka W. (2008): Bioactive compounds of lichen. – Herba Polonica 54: 79–88.
- Szczepańska K. (2008): Antropogeniczne przemiany bioty porostów Masywu Śnieżnika i Góra Bialskich. – Acta Botanica Silesiaca Monographiae 4: 3–291.
- Szymczyk R. & Kukwa M. (2008): Nowe dane do rozmieszczenia porostów Wysoczyzny Elbląskiej z historycznych zbiorów prof. T. Sulmy. – Fragmenta Floristica et Geobotanica Polonica 15: 289–297.
- Szymczyk R. & Zalewska A. (2008): Lichen Biota of the Grabianka River Valley in the Elbląg Upland (Wysoczyzna Elbląska). – Polish Journal of Natural Science 23: 398–414.
- Szymczyk R. & Zalewska A. (2008): Lichens in the rural landscape of the Warmia Plain. – Acta Mycologica 43: 215–230.
- Takahagi T., Endo T., Yamamoto Y. & Sato F. (2008): Lichen photobionts show tolerance against lichen acids produced by lichen mycobionts. – Bioscience, Biotechnology, and Biochemistry 72: 3122–3127.
- Than B. & Türk R. (2008): Immissionsökologische Untersuchung der epiphytischen Flechtenvegetation der Stadt Linz. – Beiträge zur Naturkunde Oberösterreichs 18: 381–409.

- Thell A., Elix J. A., Feuerer T., Hansen E. S., Kärnefelt I., Schüler N & Westberg M. (2008): Notes on the systematics, chemistry and distribution of European *Parmelia* and *Punctelia* species (lichenized ascomycetes). – *Sauteria* 15: 545–559.
- Thor G. & Svensson M. (2008): *Micarea tomentosa* new to Sweden. – *Graphis Scripta* 20: 28–30.
- Thüs H. & Nascimbene J. (2008): Contributions toward a new taxonomy of Central European freshwater species of the lichen genus *Thelidium* (*Verrucariales, Ascomycota*). – *Lichenologist* 40: 499–521.
- Thüs H. & Schultz M. (2008): Freshwater Flora for Central Europe, Vol. 21/1: Lichens. – Spectrum, Heidelberg [224 pp.]
- Tibell L. & Savić S. (2008): New and interesting lichenized and lichenicolous fungi from Tara National Park, Western Serbia. – *Mycologia Balcanica* 5: 5–12.
- Timdal E. (2008): Studies on *Eschatogonia* (*Ramalinaceae*) in Peru. – *Lichenologist* 40: 31–38.
- Timdal E. (2008): Studies on *Phyllopsora* (*Ramalinaceae*) in Peru. – *Lichenologist* 40: 337–362.
- Tolpysheva T. Yu. & Timofeeva A. K. (2008): The effect of the substrate on the growth and reproduction of the lichens *Cladonia rangiferina* and *C. mitis*. – *Moscow University Biological Sciences Bulletin* 63: 170–177.
- Tønsberg T. & Johnsen J. I. (2008): *Fuscidea lightfootii* new to Fennoscandia. – *Graphis Scripta* 20: 31–32.
- Trenbirth H. (2008): Direct lichenometry in the Jotunheimen and Jostedalsbreen regions, southern Norway: assessment of environmental factors and their implications for lichen growth rates and lichenometric dating. – *Geoephemera* 104: 30–31.
- Tretiach M., Nimis P. L. & Hafellner J. (2008): Miscellaneous records of lichens and lichenicolous fungi from the Apuan Alps and the Tuscan-Emilian Apennine (central Italy). – *Herzogia* 21: 93–103.
- Türk R. (2008): Flechten neu für Österreich und einige Bundesländer. – *Sauteria* 15: 561–569.
- Urbanavichus G., Motiejūnaitė J., Kukwa M. & Urbanavichene I. (2007): Contribution to the biota of lichens and lichenicolous fungi of Murmansk region (NW Russia). – *Botanica Lithuanica* 13: 197–202.
- van den Boom P. P. G. (2007): New and interesting lichenized and lichenicolous fungi from the Canary Island La Palma. – *Annalen des Naturhistorischen Museums in Wien* 108B: 153–166.
- van den Boom P. P. G. & Brand A.M. (2008): New records of lichens, lichenicolous and allied fungi from Belgium and The Netherlands. – *Sauteria* 15: 95–101.
- van den Boom P. P. G. & Brand A.M. (2008): Some new *Lecanora* species from western and central Europe, belonging to the *L. saligna* group, with notes on related species. – *Lichenologist* 40: 465–497.
- Veerman J., Vasil'ev S., Paton G. D., Ramanauskas J. & Bruce D. (2007): Photoprotection in the lichen *Parmelia sulcata*: The origins of desiccation-induced fluorescence quenching. – *Plant Physiology* 145: 997–1005.
- Weber B., Scherr C., Reichenberger H. & Büdel B. (2007): Fast reactivation by high air humidity and photosynthetic performance of alpine lichens growing endolithically in limestone. – *Arctic, Antarctic and Alpine Research* 39: 309–317.
- Węgrzyn M. (2008): New records of lichens and lichenicolous fungi from the Polish Tatra Mountains. – *Polish Botanical Journal* 53: 163–168.
- Werth S. & Sork V. L. (2008): Local genetic structure in a North American epiphytic lichen, *Ramalina menziesii* (*Ramalinaceae*). – *American Journal of Botany* 95: 568–576.
- Williamson B. J., Purvis O. W., Mikhailova I. N., Spiro B. & Udachin V. (2008): The lichen transplant methodology in the source apportionment of metal deposition around a copper smelter in the former mining town of Karabash, Russia. – *Environmental Monitoring and Assessment* 141: 227–236.
- Wirtz N., Printzen C. & Lumbsch H. T. (2008): The delimitation of Antarctic and bipolar species of neuropogonoid *Usnea* (*Ascomycota, Lecanorales*): a cohesion approach of species recognition for the *Usnea perpusilla* complex. – *Mycological Research* 112: 472–484.
- Yatsyna A.P. & Yurchenko E.O. (2007): A bibliography of Belarusian lichenology. – *Mycena* 7: 48–107.
- Zhurbenko M.P. (2008): Lichenicolous fungi from Russia, mainly from its Arctic. II. – *Mycologia Balcanica* 5: 13–22.