

ČESKÁ A SLOVENSKÁ LICHENOLOGICKÁ BIBLIOGRAFIE XXX.

Czech and Slovak lichenological bibliography, XXX



Jiří Liška & Zdeněk Palice

Botanický ústav AV ČR, v.v.i., Zámek 1, CZ-252 43 Průhonice, e-mail: liska@ibot.cas.cz & zdenek.palice@ibot.cas.cz

- Bačkor M., Bačkorová M., Goga M. & Hřčka M. (2017): Calcium toxicity and tolerance in lichens: Ca uptake and physiological responses. – *Water, Air, & Soil Pollution* 228: 56.
- Balarinová K., Váczi P., Barták M., Hazdrová J. & Forbelská M. (2013): Temperature-dependent growth rate and photosynthetic performance of Antarctic symbiotic alga *Trebouxia* sp. cultivated in a bioreactor. – *Czech Polar Reports* 3: 19–27.
- Barták M. (2014): Lichen photosynthesis. Scaling from the cellular to the organism level. – In: Hohmann-Mariott M. F. [ed.], *The structural basis of biological energy generation. Advances in Photosynthesis and Respiration*, 39: 379–400.
- Barták M., Hájek J. & Očenášová P. (2012): Photoinhibition of photosynthesis in Antarctic lichen *Usnea antarctica*. I. Light intensity- and light duration-dependent changes in functioning of photosystem II. – *Czech Polar Reports* 2: 42–51.
- Barták M., Hájek J., Amarillo A. C., Hazdrová J. & Carreras H. (2016): Changes in spectral reflectance of selected Antarctic and South American lichens caused by an artificially-induced absence of secondary compounds. – *Czech Polar Reports* 6: 221–230.
- Bouda F. (2017): Nové druhy žluté skupiny rodu *Rhizocarpon* v České republice [A new species of yellow *Rhizocarpon* in the Czech Republic]. – *Bryonora* 59: 24–29.
- Conti S., Hazdrová J., Hájek J., Očenášová P., Barták M., Skácelová K. & Adamo P. (2014): Comparative analysis of heterogeneity of primary photosynthetic processes within fruticose lichen thalli: Preliminary study of interspecific differences. – *Czech Polar Reports* 4: 149–157.
- Coufalík P., Meszarosová N., Coufalíková K., Zvěřina O. & Komárek J. (2017): Stanovení methylrtuti v lišejnicích a cyanobakteriálních povlacích pomocí GC-AFS. – In: *Workshop speciální analýza 2017*, p. 10–11, *Spektroskopická společnost Jana Marka Marci*, Brno.
- Fačkovcová Z., Senko D., Svitok M. & Guttová A. (2017): Ecological niche conservatism shapes the distributions of lichens: geographical segregation does not reflect ecological differentiation. – *Preslia* 89: 63–85.
- Ferencová Z., Rico V. J. & Hawksworth D. L. (2017): Extraction of DNA from lichen-forming and lichenicolous fungi: a low-cost fast protocol using Chelex. – *Lichenologist* 49: 521–525.
- Francová A., Chrástný V., Šillerová H., Kocourková J. & Komárek M. (2017): Suitability of selected bioindicators of atmospheric pollution in the industrialised region of Ostrava, Upper Silesia, Czech Republic. – *Environmental Monitoring and Assessment* 189: 478.
- Francová A., Chrástný V., Šillerová H., Vítková M., Kocourková J. & Komárek M. (2017): Evaluating the suitability of different environmental samples for tracing atmospheric pollution in industrial areas. – *Environmental Pollution* 220: 286–297.

- Goga M., Antreich S. J., Bačkor M., Weckwerth W. & Lang I. (2017): Lichen secondary metabolites affect growth of *Physcomitrella patens* by allelopathy. – *Protoplasma* 254: 1307–1315.
- Guttová A. & Dražil T. (2016): Lišejníky zaznamenané na exkurziách XXXX. VSL. TOPU vo Vernári. – In: Dražil T. [ed.], XXXX. Východoslovenský tábor ochrancov prírody. Zborník odborných výsledkov, p. 27–34, Štátna ochrana prírody SR, Správa NP Slovenský raj, Spišská Nová Ves.
- Guttová A., Fačkovcová Z., Munzi S., Lackovičová A., Pišút I. & Košuthová A. (2017): Zaujímavější floristické nálezy. – *Bulletin Slovenskej botanickej spoločnosti* 39: 208–214.
- Hájek J., Barták M., Hazdrová J. & Forbelská M. (2016): Sensitivity of photosynthetic processes to freezing temperature in extremophilic lichens evaluated by linear cooling and chlorophyll fluorescence. – *Cryobiology* 73: 329–334.
- Halda J. P. & Hur J.-S. (2016): *Thelenella haradae* sp. nov., a saxicolous lichen from South Korea. – *Mycotaxon* 131: 805–809.
- Halda J. P. (2015): Lišejníky NPP Třesín (CHKO Litovelské Pomoraví) [Lichen flora of Třesín National nature monument (Moravia, Czech Republic)]. – *Zprávy Vlastivědného muzea v Olomouci* 309: 5–25.
- Halda J. P. (2016): Druhá diverzita lišejníků v údolí Zdobnice mezi Souvlastním a Plačtivou skálou [Lichen diversity of Zdobnice River between Souvlastní settlement and Plačtivá skála]. – *Orlické hory a Podorlicko* 23: 125–140.
- Halda J. P., Kocourková J., Lenzová V., Malíček J., Müller A., Palice Z., Uhlík P. & Vondrák J. (2017): Lišejníky zaznamenané během 22. jarního setkání bryologicko-lichenologické sekce ČBS v Moravském krasu v dubnu 2015 [Lichens recorded during the 22th spring meeting of the Bryological and lichenological section of the CBS in the Moravian Karst (Czech Republic), April 2015]. – *Bryonora* 59: 1–23.
- Halicí M. G., Güllü M. & Barták M. (2017): First record of a common endolithic lichenized fungus species *Catenarina desolata* Søchting, Søgaard & Elvebakk. [sic!] from James Ross Island (Antarctic Peninsula). – *Czech Polar Reports* 7: 11–17.
- Holien H., Palice Z., Björk C. R., Goward T. & Spribille T. (2016): *Lecidea coriacea* sp. nov., a lichen species from oldgrowth boreal and montane forests in Europe and North America. – *Herzogia* 29: 412–420.
- Hradílek Z. & Halda J. P. (2016): Mechorosty a lišejníky NPR Špraněk [Bryological and lichenological diversity of the nature reserve Špraněk (North Moravia, Czech Republic)]. – *Acta Musei Richnoviensis, sect. natur.*, 23: 73–100.
- Chytrý M. et al. (2017): Refugial ecosystems in central Asia as indicators of biodiversity change during the Pleistocene–Holocene transition. – *Ecological Indicators* 77: 357–367.
- Ismailov A., Urbanavichus G., Vondrák J. & Pouska V. (2017): An old-growth forest at the Caspian Sea coast is similar in epiphytic lichens to lowland deciduous forests in Central Europe. – *Herzogia* 30: 103–125.
- Joshi Y., Falswal A., Tripathi M. & Halda J. P. (2016): *Lichenodiplis ochrolechia*, a new species of lichenicolous fungi from India. – *Sydowia* 69: 19–22.
- Jupa R., Hájek J., Hazdrová J. & Barták M. (2012): Interspecific differences in photosynthetic efficiency and spectral reflectance in two *Umbilicaria* species from Svalbard during controlled desiccation. – *Czech Polar Reports* 2: 31–41.
- Knudsen K. & Kocourková J. (2016): *Acarospora sphaerosperma* (Acarosporaceae), new to Europe and the Czech Republic, and *Acarospora irregularis*, new for Austria. – *Herzogia* 29: 465–472.
- Knudsen K. & Kocourková J. (2017): *Acarospora toensbergii* (Acarosporaceae), a new species from Alaska, U.S.A. – *Opuscula Philolichenum* 16: 317–321.
- Knudsen K. & Kocourková J. (2017): What is *Acarospora nitrophila* (Acarosporaceae)? – *Bryologist* 120: 124–128.
- Knudsen K., Kocourková J. & Lendemer J. C. (2017): *Acarospora smaragdula* var. *lesdainii* forma *fulvoviridula* is a synonym of *Myriospora scabrada*. – *Opuscula Philolichenum* 16: 312–316.

- Knudsen K., Lendemer J. C., Schultz M., Kocourková J., Sheard J. W., Pignoliolo A. & Wheeler T. (2017): Lichen biodiversity and ecology in the San Bernardino and San Jacinto Mountains in southern California (U.S.A.). – *Opuscula Philolichenum* 16: 15–138.
- Kondratyuk S. Y. et al. [incl. Halda J. P.] (2017): New and noteworthy lichen-forming and lichenicolous fungi 6. – *Acta Botanica Hungarica* 59: 137–260.
- Láška K., Barták M., Hájek J., Prošek P. & Bohuslavová O. (2011): Climatic and ecological characteristics of deglaciated area of James Ross Island, Antarctica, with a special respect to vegetation cover. – *Czech Polar Reports* 1: 49–62.
- Liška J. & Palice Z. (2016): Česká a slovenská lichenologická bibliografie XXIX. – *Bryonora* 58: 86–89.
- Liška J. (2016): Czech database of lichen type material. – *Herzogia* 29: 814–818.
- Maliček J. & Vondrák J. (2016): Zajímavé nálezy lišejníků ve středním Povltaví II. – saxicolní druhy [Interesting records of lichens in the Middle Vltava Region II. – saxicolous species]. – *Bryonora* 58: 46–65.
- Maliček J. (2017): Lišejníky NPP Kaňk u Kutné Hory [Lichens of the protected area Kaňk near Kutná Hora]. – *Bryonora* 59: 30–36.
- Maliček J. (2017): Nenápadní obyvatelé kůry stromů. Pralesovité porosty Česka – ráj epifytických lišejníků. – *Přírodovědci.cz* 2017/3: 16–17.
- Maliček J. (2017): Středoevropské pralesy a lišejníky I. Příklady nejčinnějších lokalit a ekologie lesních lišejníků. – *Živa* 4/2017: 152–155.
- Maliček J., Berger F., Palice Z. & Vondrák J. (2017): Corticolous sorediate *Lecanora* species (Lecanoraceae, Ascomycota) containing atranorin in Europe. – *Lichenologist* 49: 431–455.
- Marečková M. & Barták M. (2016): Effects of short-term low temperature stress on chlorophyll fluorescence transients in Antarctic lichen species. – *Czech Polar Reports* 6: 54–65.
- Marečková M. & Barták M. (2017): Short-term responses of primary processes in PS II to low temperature are sensitively indicated by fast chlorophyll fluorescence kinetics in Antarctic lichen *Dermatocarpon polyphyllum*. – *Czech Polar Reports* 7: 74–82.
- Mishra A., Hájek J., Tuháčková T., Barták M. & Mishra K. B. (2015): Features of chlorophyll fluorescence transients can be used to investigate low temperature induced effects on photosystem II of algal lichens from polar regions. – *Czech Polar Reports* 5: 99–111.
- Mucina L. et al. (2016): Vegetation of Europe: hierarchical floristic classification system of vascular plant, bryophyte, lichen, and algal communities. – *Applied Vegetation Science* 19 (Suppl. 1): 3–264.
- Očenášová P., Barták M. & Hájek J. (2014): Photoinhibition of photosynthesis in Antarctic lichen *Usnea antarctica*. II. Analysis of non-photochemical quenching mechanisms activated by low to medium light doses. – *Czech Polar Reports* 4: 90–99.
- Ošťádal R. & Hazdrová J. (2016): Thallus morphology of two Antarctic foliose lichens evaluated by a digital optical microscopy approach. – *Czech Polar Reports* 6: 80–86.
- Paoli L., Winkler A., Guttová A., Sagnotti L., Grassi A., Lackovičová A., Senko D. & Loppi S. (2017): Magnetic properties and element concentrations in lichens exposed to airborne pollutants released during cement production. – *Environmental Science and Pollution Research* 24: 12063–12080.
- Paukov A., Nordin A., Tibell L., Frolov I. & Vondrák J. (2017): *Aspicilia goettweigensis* (Megasperaceae, lichenized Ascomycetes) – a poorly known and overlooked species in Europe and Russia. – *Nordic Journal of Botany* 35: 595–601.
- Piovár J., Weidinger M., Bačkor M., Bačkorová M. & Lichtscheidl I. (2017): Short-term influence of Cu, Zn, Ni and Cd excess on metabolism, ultrastructure and distribution of elements in lichen *Xanthoria parietina* (L.) Th. Fr. – *Ecotoxicology and Environmental Safety* 145: 408–419.

- Printzen C., Halda J. P., McCarthy J. W., Palice Z., Rodriguez-Flakus P., Thor G., Tønsgberg T. & Vondrák J. (2016): Five new species of *Biatora* from four continents. – *Herzogia* 29: 566–585.
- Pushkareva E., Kviderová J., Šimek M. & Elster J. (2017): Nitrogen fixation and diurnal changes of photosynthetic activity in Arctic soil crusts at different development stage. – *European Journal of Soil Biology* 79: 21–30.
- Pykälä J., Lendemer J. C., Malíček J., Haughland D. L. & Huhtinen S. (2017): Interesting lichens found during the IAL8 pre-excursion in the south-western archipelago of Finland 2016. – *Graphis Scripta* 29: 57–64.
- Ravera S. et al. [incl. Fačkovcová Z.] (2017): Notulae to the Italian flora of algae, bryophytes, fungi and lichens: 3. – *Italian Botanist* 3: 55–60.
- Ravera S. et al. [incl. Fačkovcová Z. et Pišút I.] (2016): Notulae to the Italian flora of algae, bryophytes, fungi and lichens: 2. – *Italian Botanist* 2: 43–54.
- Sehnal L., Barták M. & Váczi P. (2014): Comparative study of diurnal changes in photosynthetic activity of the biological soil crust and lichen: effects of abiotic factors (Petuniabukta, Svalbard). – *Czech Polar Reports* 4: 158–167.
- Sehnal L., Váczi P. & Barták M. (2014): Effect of temperature and increased concentration of CO₂ on growth and photosynthetic activity of polar alga *Trebouxia* sp. – *Czech Polar Reports* 4: 47–56.
- Šillerová H., Chrastrný V., Vítková M., Francová, A. Jehlička J., Gutsch M. R., Kocourková J., Aspholm E. P., Nilsson L.-O., Berglen T. F., Jensen H. K. B. & Komárek M. (2017): Stable isotope tracing of Ni and Cu pollution in North-East Norway: Potentials and drawbacks. – *Environmental Pollution* 228: 149–157.
- Urbanavichus G. P., Vondrák J. & Urbanavichene I. N. (2017): Genus *Porina* (Porinaceae, Lichenes) in the lichen flora of the Caucasus. – *Botanicheskii Zhurnal* 102: 563–576. [in Russian]
- Vondrák J., Haji Moniri M., Malíček J. & Košnar J. (2017): Extensive yellow crusts below limestone overhangs: a new taxon close to a minute epiphytic lichen. – *Nordic Journal of Botany* 35: 368–376.
- Vondrák J., Ismailov A. & Urbanavichus G. (2017): Lichens of the family Teloschistaceae in Dagestan, an eastern part of the Caucasian biodiversity hot-spot. – *Nova Hedwigia* 104: 483–498.
- Wagner B. (2016): Příspěvek k poznání lišejníků NPR Milešovka [Contribution to the knowledge of lichens of the Mílesovka]. – *Bryonora* 58: 66–72.
- Wagner B. (2017): Lišejníky vrchu Sedlo v Českém středohoří (severní Čechy) [Lichens of the Sedlo Hill in the České středohoří Mts (North Bohemia)]. – *Bryonora* 59: 37–43.
- Yakovchenko L. S., Vondrák J., Ohmura Y., Korchikov E. S., Vondráková O. S. & Davydov E. A. (2017): *Candelariella blastidiata* sp. nov. (Ascomycota, Candelariaceae) from Eurasia and North America, and a key for grey thalli *Candelariella*. – *Lichenologist* 49: 117–126.
- Zahradníková M., Andersen H. L., Tønsgberg T. & Beck A. (2017): Molecular evidence of *Apatococcus*, including *A. fuscidae* sp. nov., as photobiont in the genus *Fuscidea*. – *Protist* 168: 425–438.
- Zemanová L., Trotsiuk V., Morrissey R. C., Bače R., Mikoláš M. & Svoboda M. (2017): Old trees as a key source of epiphytic lichen persistence and spatial distribution in mountain Norway spruce forests. – *Biodiversity and Conservation* 26: 1943–1958.
- Zvěřina O., Coufalík P., Barták M. & Komárek J. (2016): Biomonitoring of heavy metals using *Usnea antarctica* lichen (extended abstract). – *Czech Polar Reports* 6: 238–239.