

## NOVÁ BRYOLOGICKÁ LITERATURA XXVI.

### New bryological literature, XXVI

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### Výběr ze světové bryologické literatury [Selection from the world bryological literature]

- Aboal J. R., Pérez-Llamazares A., Carballeira A., Giordano S. & Fernández J. A. (2011): Should moss samples used as biomonitors of atmospheric contamination be washed? – *Atmospheric Environment* 45: 6837–6840.
- Adkinson A. C. & Humphreys E. R. (2011): The response of carbon dioxide exchange to manipulations of Sphagnum water content in an ombrotrophic bog. – *Ecohydrology* 4: 733–743.
- Ahmed M. G. U., Shin S. L. & Lee C. H. (2011): *In vitro* culture responses of *Cratoneuron decipiens* (Brid.) G. Roth gametophyte for micropropagation. – *Horticulture Environment and Biotechnology* 52: 614–620.
- Anishchenko L. N. (2011): Plant communities with a dominance of bryophytes in the aquatic and near-shore habitats of the southwestern nonchernozem zone of Russia (using Bryansk oblast as an example). – *Inland Water Biology* 4: 316–326.
- Aradottir A. L. (2012): Turf transplants for restoration of alpine vegetation: does size matter? – *Journal of Applied Ecology* 49: 439–446.
- Aranda S. C., Gabriel R., Borges P. A. V., de Azevedo E. B. & Lobo J. M. (2011): Designing a survey protocol to overcome the Wallacean shortfall: a working guide using bryophyte distribution data on Terceira Island (Azores). – *Bryologist* 114: 611–624.
- Armitage H. F., Britton A. J., van der Wal R., Pearce I. S. K., Thompson D. B. A. & Woodin S. J. (2012): Nitrogen deposition enhances moss growth, but leads to an overall decline in habitat condition of mountain moss-sedge heath. – *Global Change Biology* 18: 290–300.
- Astorga A., Oksanen J., Luoto M., Soinen J., Virtanen R. & Muotka T. (2012): Distance decay of similarity in freshwater communities: do macro- and microorganisms follow the same rules? – *Global Ecology and Biogeography* 21: 365–375.
- Bačeva K., Stafilov T., Sajn R. & Tănăselia C. (2012): Moss biomonitoring of air pollution with heavy metals in the vicinity of a ferronickel smelter plant. – *Journal of Environmental Science and Health Part A – Toxic/Hazardous Substances & Environmental Engineering* 47: 645–656.
- Bai X.-L., Zhao D.-P., Tan B. C., Ignatova E. A. & Ignatov M. S. (2011): Mosses of *Picea crassifolia* forest in Helanshan (Ningxia, China). – *Arctoa* 20: 81–86.
- Bakalin V. A., Chernyagina O. A. & Kirichensko V. E. (2011): Osobennosti flory pechenochnikov (Hepaticae) termal'nykh mestoobitaniy Kamchatki [Features of the flora of liverworts (Hepaticae) of termal habitats in Kamchatka]. – *Sibirskiy Ekologicheskiy Zhurnal [Siberian Journal of Ecology]* 2011: 43–50.
- Balan C., Volf I., Bulai P., Bilba D. & Macoveanu M. (2012): Removal of Cr(VI) from aqueous environment using peat moss: equilibrium study. – *Environmental Engineering and Management Journal* 11: 21–28.
- Baldwin L. K., Petersen C. L., Bradfield G. E., Jones W. M., Black S. T. & Karakatsoulis J. (2012): Bryophyte response to forest canopy treatments within the riparian zone of high-elevation small streams. – *Canadian Journal of Forest Research* 42: 141–156.
- Ballance S., Kristiansen K. A., Skogaker N. T., Tvedt K. E. & Christensen B. E. (2012): The localisation of pectin in *Sphagnum* moss leaves and its role in preservation. – *Carbohydrate Polymers* 87: 1326–1332.
- Banaš K., Gos K. & Szmeja J. (2012): Factors controlling vegetation structure in peatland lakes – two conceptual models of plant zonation. – *Aquatic Botany* 96: 42–47.
- Bansal P., Nath V. & Chaturvedi S. K. (2011): Epiphytic bryophytes on *Thuja orientalis* in Nagaland, North-eastern India. – *Bangladesh Journal of Plant Taxonomy* 18: 163–167.
- Batan N., Özdemir T. & Mendil D. (2012): Determination of heavy metal concentration of mosses in Degirmendere valley of Trabzon province of Turkey. – *Asian Journal of Chemistry* 24: 193–196.
- Bell D., Long D. G., Forrest A. D., Hollingsworth M. L., Blom H. H. & Hollingsworth P. M. (2012): DNA barcoding of European *Herbertus* (Marchantiopsida, Herbertaceae) and the discovery and description of a new species. – *Molecular Ecology Resources* 12: 36–47.

- Bhyan S. B., Minami A., Kaneko Y., Suzuki S., Arakawa K., Sakata Y. & Takezawa D. (2012): Cold acclimation in the moss *Physcomitrella patens* involves abscisic acid-dependent signaling. – *Journal of Plant Physiology* 169: 137–145.
- Biedermann S. & Müller F. (2011): Neue und interessante Moosfunde aus Sachsen [New and remarkable bryophyte records from Saxony]. – *Herzogia* 24: 385–388.
- Bjerke J. W., Bokhorst S., Zielke M., Callaghan T. V., Bowles F. W. & Phoenix G. K. (2011): Contrasting sensitivity to extreme winter warming events of dominant sub-Arctic heathland bryophyte and lichen species. – *Journal of Ecology* 99: 1481–1488.
- Blockeel T. L. (2012): *Orthotrichum scanicum* Grönvall in Derbyshire: an epiphytic moss new to Britain. – *Journal of Bryology* 34: 55–59.
- Blok D., Heijmans M. M. P. D., Schaepman-Strub G., van Ruijven J., Parmentier F. J. W., Maximov T. C. & Berendse F. (2011): The cooling capacity of mosses: controls on water and energy fluxes in a Siberian tundra site. – *Ecosystems* 14: 1055–1065.
- Bogdanović M., Ilić M., Živković S., Sabovljević A., Grubišić D. & Sabovljević M. (2011): Comparative study on the effects of NaCl on selected moss and fern representatives. – *Australian Journal of Botany* 59: 734–740.
- Boiko M. F. (2010): Chervonyj spysok mokhopodibnykh Ukraïny. Ridkisni ta znykayuchi vydy mokhopodibnykh Ukraïny [Red list of Bryobionta of Ukraine: Rare and endangered species of the Bryobionta of Ukraine]. – Ailant, Kherson. [94 pp.]
- Bragina A., Berg C., Cardinale M., Shcherbakov A., Chebotar V. & Berg G. (2012): *Sphagnum* mosses harbour highly specific bacterial diversity during their whole lifecycle. – *ISME Journal* 6: 802–813.
- Buczkowska K. & Bączkiewicz A. (2011): New taxon of the genus *Calypogeia* (Jungermanniales, Hepaticae) in Poland. – *Acta Societatis Botanicorum Poloniae* 80: 327–333.
- Buczkowska K. & Dabert M. (2011): The development of species-specific SCAR markers for delimitation of *Calypogeia* species. – *Journal of Bryology* 33: 291–299.
- Buczkowska K., Sawicki J., Szczecińska M., Klama H. & Bączkiewicz A. (2012): Allopolyploid speciation of *Calypogeia sphagnicola* (Jungermanniopsida, Calypogeiaceae) based on isozyme and DNA markers. – *Plant Systematics and Evolution* 298: 549–560.
- Budke J. M., Goffinet B. & Jones C. S. (2012): The cuticle on the gametophyte calyptra matures before the sporophyte cuticle in the moss *Funaria hygrometrica* (Funariaceae). – *American Journal of Botany* 99: 14–22.
- Caldwell E. F., Duff M. C., Ferguson C. E., Coughlin D. P., Hicks R. A. & Dixon E. (2012): Bio-monitoring for uranium using stream-side terrestrial plants and macrophytes. – *Journal of Environmental Monitoring* 14: 968–976.
- Callaghan D. (2012): The inventory of bryophytes at sites: completeness and survey effort. – *Journal of Bryology* 34: 37–44.
- Câmara P. E. A. S. & Buck W. R. (2012): A re-interpretation of the Fabroniaceae, a phylogenetic perspective. – *Bryologist* 115: 109–117.
- Câmara P. E. A. S. (2011): A Review of *Taxithelium* subgenus *Taxithelium* (Bryophyta, Pylaisiadelphaceae). – *Systematic Botany* 36: 824–835.
- Caruso A., Rudolphi J. & Rydin H. (2011): Positive edge effects on forest-interior cryptogams in clear-cuts. – *PLoS ONE* 6: e27936.
- Cavard X., Bergeron Y., Chen H. Y. H. & Pare D. (2011): Effect of forest canopy composition on soil nutrients and dynamics of the understorey: mixed canopies serve neither vascular nor bryophyte strata. – *Journal of Vegetation Science* 22: 1105–1119.
- Cerff M. & Posten C. (2012): Enhancing the growth of *Physcomitrella patens* by combination of monochromatic red and blue light – a kinetic study. – *Biotechnology Journal* 7: 527–536.
- Cerff M. & Posten C. (2012): Relationship between light intensity and morphology of the moss *Physcomitrella patens* in a draft tube photo bioreactor. – *Biochemical Engineering Journal* 60: 119–126.
- Cesa M., Bizzotto A., Ferraro C., Fumagalli F. & Nimis P. L. (2011): Oven-dried mosses as tools for trace element detection in polluted waters: A preliminary study under laboratory conditions. – *Plant Biosystems* 145: 832–840.
- Ceschin S., Aleffi M., Bisceglie S., Savo V. & Zuccarello V. (2012): Aquatic bryophytes as ecological indicators of the water quality status in the Tiber River basin (Italy). – *Ecological Indicators* 14: 74–81.
- Chernyadyeva [Czernyadjeva] I. V. (2012): Mkhii poluostrova Kamchatka [Mosses of Kamchatka Peninsula]. – Izdatel'stvo SPbGETU „LETI“, S.-Peterburg [Publishing house of ETU, St. Petersburg]. [458 pp.]

- Christiano de Souza I. C., Ricardi Branco F. S. & León Vargas Y. (2012): Permian bryophytes of Western Gondwanaland from the Paraná Basin in Brazil. – *Palaeontology* 55: 229–241.
- Cipro C. V. Z., Yogui G. T., Bustamante P., Taniguchi S., Sericano J. L. & Montone R. C. (2011): Organic pollutants and their correlation with stable isotopes in vegetation from King George Island, Antarctica. – *Chemosphere* 85: 393–398.
- Clarke L. J., Robinson S. A., Hua Q., Ayre D. J. & Fink D. (2012): Radiocarbon bomb spike reveals biological effects of Antarctic climate change. – *Global Change Biology* 18: 301–310.
- Cleavitt N. L., Ewing H. A., Weathers K. C. & Lindsey A. M. (2011): Acidic atmospheric deposition interacts with tree type and impacts the cryptogamic epiphytes in Acadia National Park, Maine, USA. – *Bryologist* 114: 570–582.
- Coe K. K., Belnap J., Grote E. E. & Sparks J. P. (2012): Physiological ecology of desert biocrust moss following 10 years exposure to elevated CO<sub>2</sub>: evidence for enhanced photosynthetic thermotolerance. – *Physiologia Plantarum* 144: 346–356.
- Çolak E., Kara R., Ezer T., Çelik G. Y. & Elibol B. (2011): Investigation of antimicrobial activity of some Turkish pleurocarpic mosses. – *African Journal of Biotechnology* 10: 12905–12908.
- Convey P., Hopkins D. W., Roberts S. J. & Tyler A. N. (2011): Global southern limit of flowering plants and moss peat accumulation. – *Polar Research* 30: –8929.
- Cranfield R. J., Robinson R. M., Williams M. R. & Tunsell V. L. (2011): FORESTCHECK: the response of lichens and bryophytes to silviculture in jarrah (*Eucalyptus marginata*) forest. – *Australian Forestry* 74: 303–314.
- Crosby M. R. & Buck W. R. (2011): *Nogopterium*, a new name for the genus *Pterogonium* (Musci, Leucodontaceae). – *Novon* 21: 424–425.
- Čučulović A., Čučulović R., Cvetić-Antić T. & Veselinović D. (2011): Mosses as biomonitors for radioactivity following the Chernobyl accident. – *Archives of Biological Sciences* 63: 1117–1125.
- Čučulović A., Popović D., Čučulović R. & Ajtić J. (2012): Natural radionuclides and <sup>137</sup>Cs in moss and lichen in Eastern Serbia. – *Nuclear Technology & Radiation Protection* 27: 44–51.
- Cui S., Hu J., Guo S., Wang J., Cheng Y., Dang X., Wu L. & He Y. (2012): Proteome analysis of *Physcomitrella patens* exposed to progressive dehydration and rehydration. – *Journal of Experimental Botany* 63: 711–726.
- Dalton N. J., Kungu E. M. & Long D. G. (2012): The misapplication of *Hedwigia integrifolia* P. Beauv. and identity of *Gymnostomum imberbe* Sm. (Hedwigiaceae, Bryopsida). – *Journal of Bryology* 34: 59–61.
- Damsholt K. (2010): *Chiloscyphus coadunatus* og *Chiloscyphus latifolius* er en art. – *Myrinia* 20: 62–64.
- Decker E. L. & Reski R. (2012): Glycoprotein production in moss bioreactors. – *Plant Cell Reports* 31: 453–460.
- Delgadillo C., Villaseñor J. L. & Ortiz E. (2012): The potential distribution of *Grimmia* (Grimmiaceae) in Mexico. – *Bryologist* 115: 12–22.
- Delgadillo-Moya C., de los Angeles Cardenas-Soriano M., Manuel Galvez-Aguilar V. & Sanchez-Gonzalez A. (2011): Musgos del Parque Nacional Los Mármoles, Hidalgo, México [Mosses of Los Marmoles National Park, Hidalgo, Mexico]. – *Boletín de la Sociedad Botánica de México* 89: 19–26.
- Devos N., Renner M. A. M., Gradstein S. R., Shaw J. & Vanderpoorten A. (2011): Molecular data challenge traditional subgeneric divisions in the leafy liverwort *Radula*. – *Taxon* 60: 1623–1632.
- Diviš P., Machát J., Szkandera R. & Dočekalová H. (2012): In situ measurement of bioavailable metal concentrations at the downstream on the Morava River using transplanted aquatic mosses and DGT technique. – *International Journal of Environmental Research* 6: 87–94.
- Dmuchowski W., Gozdowski D. & Baczewska A. H. (2011): Comparison of four bioindication methods for assessing the degree of environmental lead and cadmium pollution. – *Journal of Hazardous Materials* 197: 109–118.
- Dobravolskaitė R., Jukonienė I., Sendžikaitė J. & Skipskytė D. (2011): Influence of moss cover structure on abundance of *Radiola linoides* in cutover peatlands. – *Botanica Lithuanica* 17: 143–149.
- Dołhańczuk-Śródka A., Ziembik Z., Waclawek M. & Hyšplerová L. (2011): Transfer of Cesium-137 from forest soil to moss *Pleurozium schreberi*. – *Ecological Chemistry and Engineering S* 18: 509–516.
- Donskov D. G. (2011): On the leaf fragility in *Dicranum* (Dicranaceae, Bryophyta). – *Arctoa* 20: 99–105.
- dos Santos N. D., da Costa D. P., Kinoshita L. S. & Shepherd G. J. (2011): Bryophytic and phytogeographical aspects of two types of forest of the Serra do Mar State Park, Ubatuba/SP, Brazil. – *Biota Neotropica* 11: 425–438.
- Dynesius M. (2012): Responses of bryophytes to wood-ash recycling are related to their phylogeny and pH ecology. – *Perspectives In Plant Ecology Evolution and Systematics* 14: 21–31.

- Edwards D., Richardson J. B., Axe L. & Davies K. L. (2012): A new group of Early Devonian plants with valvate sporangia containing sculptured permanent dyads. – *Botanical Journal of the Linnean Society* 168: 229–257.
- Ellis L. T. (2011): Type specimens of taxa described by C. F. Schwägrichen in the moss genera *Calymperes* and *Syrrhopodon* (Musci: Calymperaceae). – *Candollea* 66: 317–329.
- Ellis L. T. & Price M. J. (2012): Typification of *Schistostega pennata* (Hedw.) F. Weber & D. Mohr (Schistostegaceae). – *Journal of Bryology* 34: 17–21.
- El-Saadawi W., Shabbara H. & El-Faramawi M. (2012): The second record of a natural apogamous moss sporophyte worldwide. – *Cryptogamie Bryologie* 33: 185–190.
- Eppley S. M., Rosenstiel T. N., Graves C. B. & Garcia E. L. (2011): Limits to sexual reproduction in geothermal bryophytes. – *International Journal of Plant Sciences* 172: 870–878.
- Erdağ A. & Kürschner H. (2011): The *Cinclidotus* P. Beauv. / *Dialytrichia* (Schimp.) Limpr. complex (Bryopsida, Pottiaceae) in Turkey. – *Botanica Serbica* 35: 13–29.
- Erxleben A., Gessler A., Vervliet-Scheebaum M. & Reski R. (2012): Metabolite profiling of the moss *Physcomitrella patens* reveals evolutionary conservation of osmoprotective substances. – *Plant Cell Reports* 31: 427–436.
- Fabón G., Monforte L., Tomás-Las-Heras R., Martínez-Abaigar J. & Núñez-Olivera E. (2012): Cell compartmentation of UV-absorbing compounds in two aquatic mosses under enhanced UV-B. – *Cryptogamie Bryologie* 33: 169–184.
- Fabón G., Monforte L., Tomás-Las-Heras R., Núñez-Olivera E. & Martínez-Abaigar J. (2012): Dynamic response of UV-absorbing compounds, quantum yield and the xanthophyll cycle to diel changes in UV-B and photosynthetic radiations in an aquatic liverwort. – *Journal of Plant Physiology* 169: 20–26.
- Fedosov V. E., Ignatova E. A., Ignatov M. S. & Maksimov A. I. (2011): Rare species and preliminary list of mosses of the Anabar Plateau (Subarctic Siberia). – *Arctoa* 20: 153–174.
- Feldberg K., Váňa J., Schulze C., Bombosch A. & Heinrichs J. (2011): Morphologically similar but genetically distinct: on the differentiation of *Syzygiella concreta* and *S. perfoliata* (Adelanthaceae subfam. Jamesonielloideae). – *Bryologist* 114: 686–695.
- Fenton N. J. & Bergeron Y. (2011): Dynamic old-growth forests? A case study of boreal black spruce forest bryophytes. – *Silva Fennica* 45: 983–994.
- Fife A. J. & Naikatini A. (2011): Significant records of Fijian mosses. – *Telopea* 13: 495–502.
- Fisher K. M. (2011): Sex on the edge: reproductive patterns across the geographic range of the *Syrrhopodon involutus* (Calymperaceae) complex. – *Bryologist* 114: 674–685.
- Fiz-Palacios O., Schneider H., Heinrichs J. & Savolainen V. (2011): Diversification of land plants: insights from a family-level phylogenetic analysis. – *BMC Evolutionary Biology* 11: –341.
- Florschütz-de Waard J., Zielman H. R. & Bruggeman-Nannenga M. A. (2011) Musci IV. – In: Jansen-Jacobs M. J., ed., *Flora of the Guianas, Series C: Bryophytes, Fasc. 2*, Royal Botanic Gardens, Kew, p. 1–436.
- Frahm J.-P. (2011): *Aneura maxima* (Schiffn.) Steph. new to Norway. – *Archive for Bryology* 101: 1–5.
- Frahm J.-P. (2011): *Fissidens serrulatus* Brid. in Norway, new to Scandinavia. – *Archive for Bryology* 118: 1–2.
- Frahm J.-P. (2012): The Dicranaceae, Rhabdoweisiaceae and Leucobryaceae of Uganda. – *Archive for Bryology* 125: 1–18.
- Frahm J.-P. (2012): The phytogeography of European bryophytes. – *Botanica Serbica* 36: 23–36.
- Frahm J.-P. (2012): Two centuries of systematics of bryophytes – what will bring the future? – *Archive for Bryology* 120: 1–16.
- Frahm J.-P. (2012): Zum Bau und histologischen Terminologie von Laubmoosstämmchen. – *Archive for Bryology* 132: 1–17.
- Frahm J.-P. (2012): Zur Herkunft der alpinen Moosarten. – *Archive for Bryology* 126: 1–9.
- Frahm J.-P. (2012): Zur Unterscheidung von *Bartramia stricta* und *Anacolia laevisphaera*. – *Archive for Bryology* 131: 1–6.
- Francez A.-J., Pinay G., Josselin N. & Williams B. L. (2011): Denitrification triggered by nitrogen addition in *Sphagnum magellanicum* peat. – *Biogeochemistry* 106: 435–441.
- Fritz C., van Dijk G., Smolders A. J. P., Pancotto V. A., Elzenga T. J. T. M., Roelofs J. G. M. & Grootjans A. P. (2012): Nutrient additions in pristine Patagonian *Sphagnum* bog vegetation: can phosphorus addition alleviate (the effects of) increased nitrogen loads. – *Plant Biology* 14: 491–499.
- Fudali E. (2011): Bryo-chorological analysis of the changes in the moss flora of the Karkonosze Mts glacial cirques during XX century. – *Roczniki Akademii Rolniczej w Poznaniu* 390 (Botanika – Steciana 15): 105–121.

- Fukuta E., Sasaki A. & Nakatsubo T. (2012): Microclimate and production of peat moss *Sphagnum palustre* L. in the warm-temperate zone. – *Plant Species Biology* 27: 110–118.
- Gao C., Wu Y.-H., Chang K.-C., Cao T., Lai M. J., Sun J. & Li W. (2010): Genera Hepaticopsida et Anthocerotopsida Sinicorum. – Science Press, Beijing. [xxi + 636 pp.]
- Garcia C., Sérgio C., Villarreal J. C., Sim-Sim M. & Lara F. (2012): The hornworts *Dendroceros* Nees and *Megaceros* Campb. in São Tomé e Príncipe (Africa, Gulf of Guinea) with the description of *Dendroceros paivae* sp. nov. – *Cryptogamie Bryologie* 33: 3–21.
- Gecheva G., Yurukova L. & Ganeva A. (2011): Assessment of pollution with aquatic bryophytes in Maritsa river (Bulgaria). – *Bulletin of Environmental Contamination and Toxicology* 87: 480–485.
- Gerdol R. & Vicentini R. (2011): Response to heat stress of populations of two *Sphagnum* species from alpine bogs at different altitudes. – *Environmental and Experimental Botany* 74: 22–30.
- Glenny D., Fife A. J., Brownsey P. J., Renner M. A. M., Braggins J. E., Beever J. E. & Hitchmough R. (2011): Threatened and uncommon bryophytes of New Zealand (2010 revision). – *New Zealand Journal of Botany* 49: 305–327.
- Granath G., Strengbom J. & Rydin H. (2012): Direct physiological effects of nitrogen on *Sphagnum*: a greenhouse experiment. – *Functional Ecology* 26: 353–364.
- Grandin U. (2011): Understorey vegetation stability and dynamics in unmanaged boreal forests along a deposition gradient in Sweden. – *Ambio* 40: 867–877.
- Green T. G. A., Sancho L. G., Pintado A. & Schroeter B. (2011): Functional and spatial pressures on terrestrial vegetation in Antarctica forced by global warming. – *Polar Biology* 34: 1643–1656.
- Gudmundsdottir R., Gislason G. M., Palsson S., Olafsson J. S., Schomacker A., Friberg N., Woodward G., Hannesdottir E. R. & Moss B. (2011): Effects of temperature regime on primary producers in Icelandic geothermal streams. – *Aquatic Botany* 95: 278–286.
- Hájková P., Grootjans A. B., Lamentowicz M., Rybničková E., Madaras M., Opravilová V., Michaelis D., Hájek M., Joosten H. & Wołejko L. (2012): How a *Sphagnum fuscum*-dominated bog changed into a calcareous fen: the unique Holocene history of a Slovak spring-fed mire. – *Journal of Quaternary Science* 27: 233–243.
- Hedenäs L. (2011): Incongruence among morphological species circumscriptions and two molecular datasets in *Sarmentypnum* (Bryophyta: Calliergonaceae). – *Taxon* 60: 1596–1606.
- Hedenäs L. (2011): Relationships in the *Timmia norvegica* complex (Timmiaceae) based on nuclear and chloroplast sequence data. – *Bryologist* 114: 749–755.
- Hedenäs L. (2012): Global phylogeography in *Sanionia uncinata* (Amblystegiaceae: Bryophyta). – *Botanical Journal of the Linnean Society* 168: 19–42.
- Hedenäs L. (2012): Molecular differentiation within European *Cratoneuron filicinum*, and differences from Asiatic and American populations. – *Plant Systematics and Evolution* 298: 937–945.
- Hedenäs L., Draper I., Milyutina I. & Ignatov M. S. (2012): ITS and morphology tell different histories about the species of the *Sciuro-hypnum reflexum* complex (Brachytheciaceae, Bryophyta). – *Bryologist* 115: 153–172.
- Heino J., Gronroos M., Soininen J., Virtanen R. & Muotka T. (2012): Context dependency and metacommunity structuring in boreal headwater streams. – *Oikos* 121: 537–544.
- Heinrichs J., Bombosch A., Feldberg K., Kreier H.-P., Hentschel J., Eckstein J., Long D., Zhu R.-L., Schaefer-Verwimp A., Schmidt A. R., Shaw B., Shaw A. J. & Vana J. (2012): A phylogeny of the northern temperate leafy liverwort genus *Scapania* (Scapaniaceae, Jungermanniales). – *Molecular Phylogenetics and Evolution* 62: 973–985.
- Helfield J. M., Engstrom J., Michel J. T., Nilsson C. & Jansson R. (2012): Effects of river restoration on riparian biodiversity in secondary channels of the Pite river, Sweden. – *Environmental Management* 49: 130–141.
- Hernandez R. R. & Knudsen K. (2012): Late-successional biological soil crusts in a biodiversity hotspot: an example of congruency in species richness. – *Biodiversity and Conservation* 21: 1015–1031.
- Hespanhol H., Seneca A., Figueira R. & Sérgio C. (2011): Microhabitat effects on bryophyte species richness and community distribution on exposed rock outcrops in Portugal. – *Plant Ecology & Diversity* 4: 251–264.
- Hiepko P. (2011): Wolfram Schultze-Motel (1934 – 2011). – *Willdenowia* 41: 381 – 385.
- Hill M. O. (2012): Local frequency as a key to interpreting species occurrence data when recording effort is not known. – *Methods In Ecology and Evolution* 3: 195–205.
- Hölzer A. (2010): Die Torfmoose Südwestdeutschlands und der Nachbargebiete. – Weissdorn-Verlag, Jena. [247 pp.]
- Huang X., Xue J., Zhang J., Qin Y., Meyers P. A. & Wang H. (2012): Effect of different wetness conditions on *Sphagnum* lipid composition in the Erxianyan peatland, central China. – *Organic Geochemistry* 44: 1–7.

- Hugonnot V. & Celle J. (2012): Asexual reproduction by leaf fragmentation in *Mnium stellare* Hedw. – Journal of Bryology 34: 67–70.
- Hugonnot V. (2011): *Biantheridion undulifolium* (Nees) Konstant. & Vilnet [*Jamesoniella undulifolia* (Nees) K. Müller] (Jamesoniellaceae) in the Pyrenees – Distribution, ecology and conservation in south-western Europe. – Nova Hedwigia 94: 471–477.
- Hutsemékers V., Szövényi P., Shaw A. J., González-Mancebo J.-M., Muñoz J. & Vanderpoorten A. (2011): Oceanic islands are not sinks of biodiversity in spore-producing plants. – Proceedings of the National Academy of Sciences of the United States of America 108: 18989–18994.
- Hutsemékers V., Vieira C. C., Ros R. M., Huttunen S. & Vanderpoorten A. (2012): Morphology informed by phylogeny reveals unexpected patterns of species differentiation in the aquatic moss *Rhynchostegium riparioides* s. l. – Molecular Phylogenetics and Evolution 62: 748–755.
- Ignatov M. S. & Kuznetsova O. I. (2011): On the taxonomy of *Myurella-Platydictya* complex (Plagiotheciaceae, Bryophyta). – Arctoa 20: 239–246.
- Ignatov M. S. & Milyutina I. A. (2011): Intrafamilial hybridization in mosses? An enigmatic case in the genus *Podperaea* (Hypnales, Bryophyta). – Arctoa 20: 107–118.
- Ignatov M. S. & Perkovsky E. E. (2011): Mosses from Rovno amber (Ukraine). – Arctoa 20: 1–18.
- Ignatov M. S. & Shcherbakov D. E. (2011): Lower Cretaceous mosses from Khasurty (Transbaikalia). – Arctoa 20: 19–42.
- Ignatov M. S. & Shcherbakov D. E. (2011): Lower Triassic mosses from Yaman Us (Mongolia). – Arctoa 20: 65–80.
- Ignatov M. S., Karasev E. V. & Sinita S. M. (2011): Upper Jurassic mosses from Baigul (Transbaikalia, South Siberia). – Arctoa 20: 43–64.
- Ignatova E. A. & Ignatov M. S. (2011): The genus *Thamnobryum* (Neckeraceae, Bryophyta) in Russia. – Arctoa 20: 137–151.
- Ignatova E. A., Ivanova E. I., Ivanov O. V. & Ignatov M. S. (2011): Mosses of the Mus-Khaya Mountain (Yakutia, Asiatic Russia). – Arctoa 20: 211–226.
- Ikauniece S., Brūmelis G. & Zariņš J. (2012): Linking woodland key habitat inventory and forest inventory data to prioritize districts needing conservation efforts. – Ecological Indicators 14: 18–26.
- Infante M., Heras P. & Untereiner A. (2012): *Dicranum viride* (Sull. et Lesq.) Lindb. en el Pirineo español. Hábitat, población y estado de conservación [*Dicranum viride* (Sull. et Lesq.) Lindb. in the Spanish Pyrenees. Habitat, population and conservation status]. – Cryptogamie Bryologie 33: 65–73.
- Ivanov O. V. & Ignatov M. S. (2011): On the leaf cell measurements in mosses. – Arctoa 20: 87–98.
- Jassey V. E. J., Chiapusio G., Gilbert D., Toussaint M.-L. & Binet P. (2012): Phenoloxidase and peroxidase activities in *Sphagnum*-dominated peatland in a warming climate. – Soil Biology & Biochemistry 46: 49–52.
- Jesson L. K., Perley D. S., Cavanagh A. P., Cameron J. A. C. & Kubien D. S. (2012): Mating and fitness consequences of sexual system in the moss *Atrichum undulatum* s. l. (Polytrichaceae). – International Journal of Plant Sciences 173: 16–25.
- Jia R. L., Li X. R., Liu L. C., Gao Y. H. & Zhang X. T. (2012): Differential wind tolerance of soil crust mosses explains their micro-distribution in nature. – Soil Biology & Biochemistry 45: 31–39.
- Jiménez J. A., Cano M. J. & Jiménez J. F. (2012): Taxonomy and phylogeny of *Andina* (Pottiaceae, Bryophyta): a new moss genus from the tropical Andes. – Systematic Botany 37: 293–306.
- Jukonienė I. (2010): Current state of knowledge on the bryophyte flora of Lithuania. – Botanica Lithuanica 16: 3–11.
- Jukonienė I., Andriušaitytė D. & Rašomavičius V. (2012): Bryophyte diversity and phenological aspects in different habitats of arable land. – Journal of Food Agriculture & Environment 10: 718–725.
- Kanamoto H., Takemura M. & Ohyama K. (2012): Cloning and expression of three lipoxygenase genes from liverwort, *Marchantia polymorpha* L., in *Escherichia coli*. – Phytochemistry 77: 70–78.
- Karlin E. F., Hotchkiss S. C., Boles S. B., Stenøien H. K., Hassel K., Flatberg K. I. & Shaw A. J. (2012): High genetic diversity in a remote island population system: sans sex. – New Phytologist 193: 1088–1097.
- Kip N., Dutilh B. E., Pan Y., Bodrossy L., Neveling K., Kwint M. P., Jetten M. S. M. & Op den Camp H. J. M. (2011): Ultra-deep pyrosequencing of *pmoA* amplicons confirms the prevalence of *Methylomonas* and *Methylocystis* in *Sphagnum* mosses from a Dutch peat bog. – Environmental Microbiology Reports 3: 667–673.
- Kip N., Fritz C., Langelaan E. S., Pan Y., Bodrossy L., Pancotto V., Jetten M. S. M., Smolders A. J. P. & Op den Camp H. J. M. (2012): Methanotrophic activity and diversity in different *Sphagnum magellanicum* dominated habitats in the southernmost peat bogs of Patagonia. – Biogeosciences 9: 47–55.

- Kłos A., Rajfur M., Šrámek I. & Waclawek M. (2011): Use of lichen and moss in assessment of forest contamination with heavy metals in Praded and Glacensis euroregions (Poland and Czech Republic). – *Water, Air and Soil Pollution* 222: 367–376.
- Konstantinova N. A. & Vilnet A. A. (2011): *Jubula hutchinsiae* subsp. *caucasica* subsp. nov. (Jubulaceae, Marchantiophyta) – a new taxon from the Western Caucasus. – *Arctoa* 20: 227–238.
- Kornochalart S., Santanachote K. & Wang J. (2012): Lejeuneaceae subfamily Ptychanthoideae (Marchantiophyta) in Thailand. – *Cryptogamie Bryologie* 33: 39–63.
- Kösta H. & Liiv S. (2011): Spatial and temporal trends of heavy metal accumulation in mosses in Estonia. – *Ecosystems and Sustainable Development VIII* : 133–144.
- Koz B., Çevik U. & Çelik N. (2012): Elemental and radioactivity analyses of mosses collected in Hatila Valley National Park – Eastern Black Sea region of Turkey. – *Fresenius Environmental Bulletin* 21: 94–100.
- Kreyling J., Haei M. & Laudon H. (2012): Absence of snow cover reduces understory plant cover and alters plant community composition in boreal forests. – *Oecologia* 168: 577–587.
- Kumar Verma P. & Srivastava S. C. (2011): Endemism in Liverworts of Western Ghats and their present status. – *Archive for Bryology* 99: 1–23.
- Kürschner H., Kırmacı M., Erdağ A., Batsatsashvili K., Parolly G. (2011): Ecology and life strategies of epiphytic bryophyte communities from the Arcto-Tertiary relict forests of the Black and Caspian Sea areas. – *Nova Hedwigia* 94: 31–65.
- Kyrkjeeide M. O., Hassel K., Flatberg K. I. & Stenøien H. K. (2012): The rare peat moss *Sphagnum wulfianum* (Sphagnaceae) did not survive the last glacial period in northern European refugia. – *American Journal of Botany* 99: 677–689.
- Laiho R., Ojanen P., Ilomets M., Hájek T. & Tuittila E.-S. (2011): Moss production in a boreal, forestry-drained peatland. – *Boreal Environment Research* 16: 441–449.
- Laine A. M., Juurola E., Hájek T. & Tuittila E.-S. (2011): *Sphagnum* growth and ecophysiology during mire succession. – *Oecologia* 167: 1115–1125.
- Lan S., Wu L., Zhang D. & Hu C. (2012): Composition of photosynthetic organisms and diurnal changes of photosynthetic efficiency in algae and moss crusts. – *Plant and Soil* 351: 325–336.
- Lan S., Wu L., Zhang D. & Hu C. (2012): Successional stages of biological soil crusts and their microstructure variability in Shapotou region (China). – *Environmental Earth Sciences* 65: 77–88.
- Landry J., Martinez C. & Rochefort L. (2011): The use of fungicide Nova to mitigate infection of *Sphagnum* by parasitic fungi in the greenhouse. – *Botany* 89: 655–661.
- Lang P. & Murphy K. J. (2012): Environmental drivers, life strategies and bioindicator capacity of bryophyte communities in high-latitude headwater streams. – *Hydrobiologia* 679: 1–17.
- Lang S. I., Cornelissen J. H. C., Shaver G. R., Ahrens M., Callaghan T. V., Molau U., Ter Braak C. J. F., Hölzer A. & Aerts R. (2012): Arctic warming on two continents has consistent negative effects on lichen diversity and mixed effects on bryophyte diversity. – *Global Change Biology* 18: 1096–1107.
- Larraín J., Quandt D. & Muñoz J. (2011): *Bucklandiella araucana* (Grimmiaceae), a new species from Chile. – *Bryologist* 114: 732–743.
- Larraín J., Quandt D. & Muñoz J. (2011): The taxonomic identity of the neglected *Racomitrium stenocladum* (Bryophyta, Grimmiaceae). – *Gayana Botanica* 68: 323–326.
- Lee M. A., Davies L. & Power S. A. (2012): Effects of roads on adjacent plant community composition and ecosystem function: An example from three calcareous ecosystems. – *Environmental Pollution* 163: 273–280.
- Lehtonen M. T., Marttinen E. M., Akita M. & Valkonen J. P. T. (2012): Fungi infecting cultivated moss can also cause diseases in crop plants. – *Annals of Applied Biology* 160: 298–307.
- Lemly J. M. & Cooper D. J. (2011): Multiscale factors control community and species distribution in mountain peatlands. – *Botany* 89: 689–713.
- Li J., Zhang L. & Zhou L. (2011): Phylogenetic position of the genus *Hattorioceros* (Anthocerotophyta). – *Taxon* 60: 1633–1636.
- Ligrone R., Duckett J. G. & Renzaglia K. S. (2012): Major transitions in the evolution of early land plants: a bryological perspective. – *Annals of Botany* 109: 851–871.
- Liu X.-Y., Koba K., Takebayashi Y., Liu C.-Q., Fang Y.-T. & Yoh M. (2012): Preliminary insights into  $\delta^{15}\text{N}$  and  $\delta^{18}\text{O}$  of nitrate in natural mosses: A new application of the denitrifier method. – *Environmental Pollution* 162: 48–55.
- Liu Y., Budke J. M. & Goffinet B. (2012): Phylogenetic inference rejects sporophyte based classification of the Funariaceae (Bryophyta): Rapid radiation suggests rampant homoplasy in sporophyte evolution. – *Molecular Phylogenetics and Evolution* 62: 130–145.

- Liu Y., Moskwa N. L. & Goffinet B. (2012): Development of eight mitochondrial markers for Funariaceae (Musci) and their amplification success in other mosses. – *American Journal of Botany* 99: e62–e65.
- Lockhart N., Hodgetts N. & Holyoak D. (2012): Rare and threatened bryophytes of Ireland. – National Museums Northern Ireland Publication No. 28, Cultra. [638 pp.]
- Maciel-Silva A. S. & Marques Válio I. F. (2011): Reproductive phenology of bryophytes in tropical rain forests: the sexes never sleep. – *Bryologist* 114: 708–719.
- Maciel-Silva A. S., Marques Válio I. F. & Rydin H. (2012): Diaspore bank of bryophytes in tropical rain forests: the importance of breeding system, phylum and microhabitat. – *Oecologia* 168: 321–333.
- Madžule L., Brūmelis G. & Tjarve D. (2012): Structures determining bryophyte species richness in a managed forest landscape in boreo-nemoral Europe. – *Biodiversity and Conservation* 21: 437–450.
- Mander L., Collinson M. E., Chaloner W. G., Brain A. P. R. & Long D. G. (2012): The ultrastructure and botanical affinity of the problematic mid-mesozoic palynomorph *Ricciisporites tuberculatus* Lundblad. – *International Journal of Plant Sciences* 173: 429–440.
- Manyanga P., Söderström L. & Hedderson T. A. (2011): Co-variation of life history characters in the family Lophoziaceae: a multivariate analysis. – *Bryologist* 114: 583–594.
- Martins R. C. M., Quinaia S. P., de Campos B. K., Ganzarolli E. M. & Lopes M. Ch. (2012): Accumulation of chromium and lead in bryophytes and pteridophytes in a stream affected by tannery wastewater. – *Bulletin of Environmental Contamination and Toxicology* 88: 84–88.
- McDaniel S. F. & Perroud P.-F. (2012): Invited perspective: bryophytes as models for understanding the evolution of sexual systems. – *Bryologist* 115: 1–11.
- Merunková K. & Chytrý M. (2012): Environmental control of species richness and composition in upland grasslands of the southern Czech Republic. – *Plant Ecology* 213: 591–602.
- Michel P., Lee W. G., During H. J. & Cornelissen J. H. C. (2012): Species traits and their non-additive interactions control the water economy of bryophyte cushions. – *Journal of Ecology* 100: 222–231.
- Mikulášková E., Fér T. & Kučabová V. (2012): The effect of different DNA isolation protocols and AFLP fingerprinting optimizations on error rate estimates in the bryophyte *Campylopus introflexus* – *Lindbergia* 35: 7–17.
- Moen A., Lyngstad A. & Øien D.-I. (2012): Boreal rich fen vegetation formerly used for haymaking. – *Nordic Journal of Botany* 30: 226–240.
- Nakai R., Abe T., Baba T., Imura S., Kagoshima H., Kanda H., Kanekiyo A., Kohara Y., Koi A., Nakamura K., Narita T., Niki H., Yanagihara K. & Naganuma T. (2012): Microflorae of aquatic moss pillars in a freshwater lake, East Antarctica, based on fatty acid and 16S rRNA gene analyses. – *Polar Biology* 35: 425–433.
- Nakashima K., Takasaki H., Mizoi J., Shinozaki K. & Yamaguchi-Shinozaki K. (2012): NAC transcription factors in plant abiotic stress responses. – *Biochimica et Biophysica Acta – Gene Regulatory Mechanisms* 1819: 97–103.
- Nasr M. & Arp P. A. (2011): Hg concentrations and accumulations in fungal fruiting bodies, as influenced by forest soil substrates and moss carpets. – *Applied Geochemistry* 26: 1905–1917.
- Nosratinia S., Shevock J. R. & Mishler B. D. (2011): Phylogenetic relationships of *Yunnanobryon* (Musci: Regmatodontaceae). – *Bryologist* 114: 547–555.
- Oliveira J. R. P. M., Pôrto K. C. & Silva M. P. P. (2011): Richness preservation in a fragmented landscape: a study of epiphytic bryophytes in an Atlantic forest remnant in Northeast Brazil. – *Journal of Bryology* 33: 279–290.
- Olszowski T., Tomaszewska B. & Góralna-Włodarczyk K. (2012): Air quality in non-industrialised area in the typical Polish countryside based on measurements of selected pollutants in immission and deposition phase. – *Atmospheric Environment* 50: 139–147.
- Oosterveld E. (2011): *Sphagnum platyphyllum* back in the Netherlands after 50 years. – *Gorteria* 35: 181–187.
- Opdekamp W., Beauchard O., Backx H., Franken F., Cox T. J. S., van Diggelen R. & Meire P. (2012): Effects of mowing cessation and hydrology on plant trait distribution in natural fen meadows. – *Acta Oecologica – International Journal of Ecology* 39: 117–127.
- Orgaz J. D., Cano M. J. & Guerra J. (2011): *Sciuro-hypnum* (Brachytheciaceae) in the Mediterranean region. – *Bryologist* 114: 595–610.
- Otoguro K., Ishiyama A., Iwatsuki M., Namatame M., Nishihara-Tukashima A., Kiyohara H., Hashimoto T., Asakawa Y., Omura S. & Yamada H. (2012): *In vitro* antitrypanosomal activity of bis(bibenzyl)s and bibenzyls from liverworts against *Trypanosoma brucei*. – *Journal of Natural Medicines* 66: 377–382.
- Pajak M. & Jasik M. (2011): Heavy metal (Zn, Pb, Cd) concentration in soil and moss (*Pleurozium schreberii*) in the Brynica district, southern Poland. – *Iforest – Biogeosciences and Forestry* 4: 176–180.



- Papp B., Erzberger P., Ódor P., Hock Zs., Szövényi P., Szurdoki E. & Tóth Z. (2010): Updated checklist and red list of Hungarian bryophytes. – *Studia Botanica Hungarica* 41: 31–59.
- Pardo L. H., Fenn M. E., Goodale C. L., Geiser L. H., Driscoll C. T., Allen E. B., Baron J. S., Bobbink R., Bowman W. D., Clark C. M., Emmett B., Gilliam F. S., Greaver T. L., Hall S. J., Lilleskov E. A., Liu L., Lynch J. A., Nadelhoffer K. J., Perakis S. S., Robin-Abbott M. J., Stoddard J. L., Weathers K. C. & Dennis R. L. (2011): Effects of nitrogen deposition and empirical nitrogen critical loads for ecoregions of the United States. – *Ecological Applications* 21: 3049–3082.
- Pejin B., Iodice C., Tommonaro G., Sabovljevic M., Bianco A., Tesevic V., Vajs V. & De Rosa S. (2012): Sugar composition of the moss *Rhodobryum ontariense* (Kindb.) Kindb. – *Natural Product Research* 26: 209–215.
- Pérez-Llamazares A., Ángel F. J., Carballeira A. & Aboal J. R. (2011): The sequential elution technique applied to cryptogams: a literature review. – *Journal of Bryology* 33: 267–278.
- Phephu N., Magee A. R., Van Rooy J., Van Wyk A. E. & Garcia-Avila D. (2012): Evidence for a re-circumscription of the Thuidiaceae (Bryophyta) in Africa and the East African Islands. – In: Conference Abstracts, South African Association of Botanists (SAAB) – Annual Meeting 2012, *South African Journal of Botany* 79: 173–240, p. 206.
- Phoenix G. K., Emmett B. A., Britton A. J., Caporn S. J. M., Dise N. B., Helliwell R., Jones L., Leake J. R., Leith I. D., Sheppard L. J., Sowerby A., Pilkington M. G., Rowe E. C., Ashmorek M. R. & Power S. A. (2012): Impacts of atmospheric nitrogen deposition: responses of multiple plant and soil parameters across contrasting ecosystems in long-term field experiments. – *Global Change Biology* 18: 1197–1215.
- Pires N. D. & Dolan L. (2012): Morphological evolution in land plants: new designs with old genes. – *Philosophical Transactions of the Royal Society B – Biological Sciences* 367: 508–518.
- Plášek V. & Marková I. (2012): *Orthotrichum tenellum* Bruch. ex Brid. Czech Republic. – In: Ellis L. et al., New national and regional bryophyte records, 30, *Journal of Bryology* 34: 47.
- Plášek V. & Sawicki J. (2012): *Orthotrichum affine* var. *bohemicum* Plášek & Sawicki. USA. – In: Ellis L. et al., New national and regional bryophyte records, 31, *Journal of Bryology* 34: 128–129.
- Plášek V., Sawicki J., Marková I. & Wierzcholska S. (2011): *Orthotrichum affine* var. *bohemicum* (Orthotrichaceae), a new variety of epiphytic moss from the Czech Republic. – *Acta Societatis Botanicorum Poloniae* 80: 335–340.
- Pócs T., Sass-Gyarmati A., Naikatini A., Tuiwawa M., Braggins J., Pócs S. & von Konrat M. (2011): New liverwort (Marchantiophyta) records for the Fiji Islands. – *Telopea* 13: 455–494.
- Pokorny L., Ho B.-C., Frahm J.-P., Quandt D. & Shaw A. J. (2012): Phylogenetic analyses of morphological evolution in the gametophyte and sporophyte generations of the moss order Hookeriales (Bryopsida). – *Molecular Phylogenetics and Evolution* 63: 351–364.
- Price M. J. & Ellis L. T. (2011): A lectotype for *Breutelia chrysocoma* (Hedw.) Lindb. (Bryophyta: Bartramiaceae). – *Journal of Bryology* 33: 308–315.
- Price M. J. & Maier E. (2011): Catalogue of the bryophyte types in G: the Grimmiaceae. – *Candollea* 66: 285–309.
- Price M. J. & Maier E. (2011): Lectotypification of the moss name *Grimmia cribrosa* Hedw. [*Coscinodon cribrosus* (Hedw.) Spruce] (Grimmiaceae). – *Bryologist* 114: 790–795.
- Proctor M. C. F. (2012): Dew, where and when? ‘There are more things in heaven and earth, Horatio, than are dreamt of in your philosophy...’. – *New Phytologist* 194: 10–11.
- Ramsay H. P. (2011): Australian mosses – new chromosome numbers and a compilation of chromosome data. – *Telopea* 13: 577–619.
- Romanski J., Pharo E. J. & Kirkpatrick J. B. (2011): Epiphytic bryophytes and habitat variation in montane rainforest, Peru. – *Bryologist* 114: 720–731.
- Rovere A. E. & Calabrese G. M. (2011): Diversidad de musgos en ambientes degradados sujetos a restauración en el Parque Nacional Lago Puelo (Chubut, Argentina) [Moss diversity in degraded environments under restoring in the Lago Puelo National Park (Chubut, Argentina)]. – *Revista Chilena de Historia Natural* 84: 571–580.
- Ruete A., Wiklund K. & Snäll T. (2012): Hierarchical Bayesian estimation of the population viability of an epixylic moss. – *Journal of Ecology* 100: 499–507.
- Rusina S., Bambe B. & Daugaviete M. (2011): Changes in ground vegetation of arable lands under afforestation in Latvia. – *Baltic Forestry* 17: 243–255.
- Rydgren K., Stabbetorp O. E. & Blom H. H. (2012): Distribution and ecology of *Trichocolea tomentella* in Norway. – *Lindbergia* 35: 1–6.

- Sabovljević A., Vujičić M., Skorić M., Bajić-Ljubčić J. & Sabovljević M. (2012): Axenically culturing the bryophytes: establishment and propagation of the pleurocarpous moss *Thamnobryum alopecurum* Nieuwland ex Gangulee (Bryophyta, Neckeraceae) in *in vitro* conditions. – Pakistan Journal of Botany 44: 339–344.
- Sabovljević M., Alegro A., Sabovljević A., Marka J. & Vujičić M. (2011): An insight into diversity of the Balkan Peninsula bryophyte flora in the European background. – La Terre et la Vie – Revue d'Ecologie 66: 399–413.
- Sandu I.-O., Bulgariu L. & Macoveanu M. (2012): Evaluation of atmospheric pollution by using natural low-cost sorbents. – Environmental Engineering and Management Journal 11: 177–184.
- Savaroglu F., Ilhan S. & Filik-Isken C. (2011): An evaluation of the antimicrobial activity of some Turkish mosses. – Journal of Medicinal Plants Research 5: 3286–3292.
- Sawicki J. & Szczecińska M. (2011): A comparison of PCR-based markers for the molecular identification of *Sphagnum* species of the section *Acutifolia*. – Acta Societatis Botanicorum Poloniae 80: 185–192.
- Sawicki J., Plášek V. & Szczecińska M. (2012): Molecular data do not support the current division of *Orthotrichum* (Bryophyta) species with immersed stomata. – Journal of Systematics and Evolution 50: 12–24.
- Schmalholz M. & Hylander K. (2011): Boulders increase resistance to clear-cut logging but not subsequent recolonization rates of boreal bryophytes. – Oecologia 167: 1093–1101.
- Schmalholz M., Hylander K. & Frego K. (2011): Bryophyte species richness and composition in young forests regenerated after clear-cut logging versus after wildfire and spruce budworm outbreak. – Biodiversity and Conservation 20: 2575–2596.
- Segarra-Moragues J. G., Puche F. & Sabovljević M. (2012): Rediscovery of *Riella alatospora* (Riellaceae, Sphaerocarpaceae), an aquatic, South African endemic liverwort previously known from a now largely transformed type locality. – South African Journal of Botany 79: 32–38.
- Segarra-Moragues J. G., Puche F. & Sabovljević M. (2012): *Riella heliospora* (Riellaceae) a new monoicous species of *Riella* subgenus *Trabutiella* from California. – Systematic Botany 37: 307–319.
- Sekulová L., Hájek M., Hájková P., Mikulášková E., Buttler A., Syrovátka V. & Rozbrojová Z. (2012): Patterns of bryophyte and vascular plant richness in European subalpine springs. – Plant Ecology 213: 237–249.
- Selonen V. A. O., Mussaari M., Toivanen T. & Kotiaho J. S. (2011): The conservation potential of brook-side key habitats in managed boreal forests. – Silva Fennica 45: 1041–1052.
- Séneca A. & Söderström L. (2011): *Sphagnum* of the Pacific – a checklist. – Telopea 13: 503–511.
- Shaw A. J., Flatberg K. I., Szövényi P., Ricca M., Johnson M. G., Stenøien H. K. & Shaw B. (2012): Systematics of the *Sphagnum fimbriatum* complex: Phylogenetic relationships, morphological variation, and allopolyploidy. – Systematic Botany 37: 15–30.
- Shaw A. J., Shaw B., Higuchi M., Arikawa T., Hirayama Y. & Devos N. (2012): *Climacium* (Climaciaceae): species relationships and biogeographic implications. – Bryologist 115: 23–30.
- Shaw A. J., Shaw B., Ricca M. & Flatberg K. I. (2012): A phylogenetic monograph of the *Sphagnum subsecundum* complex (Sphagnaceae) in eastern North America. – Bryologist 115: 128–152.
- Sheppard L. J., Leith I. D., Mizunuma T., Cape J. N., Crossley A., Leeson S., Sutton M. A., van Dijk N. & Fowler D. (2011): Dry deposition of ammonia gas drives species change faster than wet deposition of ammonium ions: evidence from a long-term field manipulation. – Global Change Biology 17: 3589–3607.
- Shimamura M., Itouga M. & Tsubota H. (2012): Evolution of apolar sporocytes in marchantialean liverworts: implications from molecular phylogeny. – Journal of Plant Research 125: 197–206.
- Shortlidge E. E., Rosenstiel T. N. & Eppley S. M. (2012): Tolerance to environmental desiccation in moss sperm. – New Phytologist 194: 741–750.
- Sjögersten S., van der Wal R., Loonen M. J. J. E. & Woodin S. J. (2011): Recovery of ecosystem carbon fluxes and storage from herbivory. – Biogeochemistry 106: 357–370.
- Söderström L., Hagborg A., Pócs T., Sass-Gyarmati A., Brown E., von Konrat M. & Renner M. (2011): Checklist of hornworts and liverworts of Fiji. – Telopea 13: 405–454.
- Sörensen P. L., Lett S. & Michelsen A. (2012): Moss-specific changes in nitrogen fixation following two decades of warming, shading, and fertilizer addition. – Plant Ecology 213: 695–706.
- Spirina U. N. & Ignatov M. S. (2011): On the branch development in Fontinalaceae (Bryophyta). – Arctoa 20: 119–136.
- Spitale D., Jiménez J. A. & Köckinger H. (2012): The rare moss *Didymodon johanssenii* (R. S. Williams) H. A. Crum in the Italian and Austrian Alps. – Cryptogamie Bryologie 33: 141–147.
- Staniaszek-Kik M. & Woziwoda B. (2011): Participation of bryophytes in forest and shrub communities in the antropogenically degraded Ługi peat bog area (Central Poland). – Roczniki Akademii Rolniczej w Poznaniu 390 (Botanika – Steciana 15): 91–104.

- Stark L. R., Brinda J. C., McLetchie D. N. & Oliver M. J. (2012): Extended periods of hydration do not elicit dehardening to desiccation tolerance in regeneration trials of the moss *Syntrichia caninervis*. – *International Journal of Plant Sciences* 173: 333–343.
- Stebel A. (2010): Rediscovery of *Orthotrichum rogeri* Brid. (Bryophyta) in Poland. – *Opole Scientific Society Nature Journal* 43: 23–27.
- Ștefănuț S. (2010): The bryophytes of Rodna Mountains National Park (Transylvania-Maramureș, Romania). – *Transylvanian Review of Systematical and Ecological Research* 9: 53–100.
- Ștefanuț S. (2012): *Aneura maxima* (Schiffn.) Steph. (Aneuraceae, Marchantiophyta): A new species for Romania. – *Cryptogamie Bryologie* 33: 75–80.
- Steinnes E., Berg T. & Uggerud H. T. (2011): Three decades of atmospheric metal deposition in Norway as evident from analysis of moss samples. – *Science of the Total Environment* 412: 351–358.
- Street L. E., Stoy P. C., Sommerkorn M., Fletcher B. J., Sloan V. L., Hill T. C. & Williams M. (2012): Seasonal bryophyte productivity in the sub-Arctic: a comparison with vascular plants. – *Functional Ecology* 26: 365–378.
- Sukkharak P., Gradstein S. R. & Stech M. (2011): Phylogeny, taxon circumscriptions, and character evolution in the core *Ptychanthoideae* (Lejeuneaceae, Marchantiophyta). – *Taxon* 60: 1607–1622.
- Sundberg S. (2012): Quick target vegetation recovery after restorative shrub removal and mowing in a calcareous fen. – *Restoration Ecology* 20: 331–338.
- Takala T., Tahvanainen T. & Kouki J. (2012): Can re-establishment of cattle grazing restore bryophyte diversity in abandoned mesic semi-natural grasslands? – *Biodiversity and Conservation* 21: 981–992.
- Teresa G. M., Cano M. J. & Guerra J. (2011): New records, synonyms and one combination in the genus *Syntrichia* (Pottiaceae) from South America. – *Bryologist* 114: 556–562.
- Terracciano S., Giordano S. & Spagnuolo V. (2012): A further tessera in the two-centuries-old debate on the *Hypnum cupressiforme* complex (Hypnaceae, Bryopsida). – *Plant Systematics and Evolution* 298: 229–238.
- Tsegmed Ts. (2010): Flora Mkhov Mongolii. Biologichskie Resursy i Prirodnye Usloviya Mongolii: Trudy Sovmestnoj Rossijsko-Mongol'skoj Kompleksnoj Biologicheskoy Ekspedicii, Vol. 56. – Institut Problem Ekologii i Evolyutsii Im. A. N. Severtsova RAN, Moskva. [634 pp.]
- Tubanova D. Ya. & Ignatova E. A. (2011): A new species of *Dicranum* (Dicranaceae, Bryophyta) from Asiatic Russia. – *Arctoa* 20: 183–190.
- Turner P. A. M., Kirkpatrick J. B. & Pharo E. J. (2011): Dependence of bryophyte species on young, mature and old growth wet eucalypt forest. – *Biological Conservation* 144: 2951–2957.
- Victoria F. d. C., de Oliveira A. C. & Peters J. A. (2011): Establishment of the moss *Polytrichum juniperinum* Hedw. under axenic conditions. – *Bioscience Journal* 27: 673–676.
- Vieira C., Séneca A. & Sérgio C. (2012): Floristic and ecological survey of bryophytes from Portuguese watercourses. – *Cryptogamie Bryologie* 33: 113–134.
- Villarreal A. J. C., Campos S. L. V., Uribe-M. J. & Goffinet B. (2012): Parallel Evolution of Endospory within hornworts: *Nothoceros renzagliensis* (Dendrocerotaceae), sp. nov. – *Systematic Botany* 37: 31–37.
- Villarreal J. C., Forrest L. L., McFarland K. & Goffinet B. (2012): Chloroplast, mitochondrial, and nuclear microsatellites from the Southern Appalachian hornwort, *Nothoceros aenigmaticus* (Dendrocerotaceae). – *American Journal of Botany* 99: e88–e90.
- Villarreal S., Hollister R. D., Johnson D. R., Lara M. J., Webber P. J. & Tweedie C. E. (2012): Tundra vegetation change near Barrow, Alaska (1972–2010). – *Environmental Research Letters* 7: –015508.
- Vilnet A., Konstantinova N. & Troitsky A. (2012): Molecular phylogenetic data on reticulate evolution in the genus *Barbilophozia* Loske (Anastrophyllaceae, Marchantiophyta) and evidence of non-concerted evolution of rDNA in *Barbilophozia rubescens* allopolyploid. – *Phytotaxa* 49: 6–22.
- Volkmar U., Groth-Malonek M., Heinrichs J., Muhle H., Polsakiewicz M. & Knoop V. (2012): Exclusive conservation of mitochondrial group II intron nad4i548 among liverworts and its use for phylogenetic studies in this ancient plant clade. – *Plant Biology* 14: 382–391.
- von Konrat M., Naikatini A., Tuiwawa M., Söderström L., Fife A., Renner M., Brownsey P., Perrie L., Hagborg A., Pócs T., Lumbsch H. T., Braggins J., Seneca A. & Brown E. (2011): A brief history of the cryptogams of Fiji and prospects for the future. – *Telopea* 13: 361–374.
- Vujičić M., Sabovljević A. & Sabovljević M. (2011): Axenically culturing the bryophytes: establishment and propagation of the moss *Hypnum cupressiforme* Hedw. (Bryophyta, Hypnaceae) in *in vitro* conditions. – *Botanica Serbica* 35: 71–77.
- Vujičić M., Sabovljević A., Šinžar-Sekulić J., Skorić M. & Sabovljević M. (2012): *In vitro* development of the rare and endangered moss *Molendoa hornschuchiana* (Hook.) Lindb. ex Limpr. (Pottiaceae, Bryophyta). – *Hortscience* 47: 84–87.

- Wang Y., Zhu Y. & Wang Y. (2012): Differences in spatial genetic structure and diversity in two mosses with different dispersal strategies in a fragmented landscape. – *Journal of Bryology* 34: 9–16.
- Werner F. A., Homeier J., Oesker M. & Boy J. (2012): Epiphytic biomass of a tropical montane forest varies with topography. – *Journal of Tropical Ecology* 28: 23–31.
- Wolski G. J. (2011): Stanowiska inwazyjnych gatunków mchów w mieście Łodzi. – *Acta Botanica Silesiaca* 7: 245–250.
- Wu N., Zhang Y. M., Downing A., Zhang J. & Yang C. H. (2012): Membrane stability of the desert moss *Syntrichia caninervis* Mitt. during desiccation and rehydration. – *Journal of Bryology* 34: 1–8.
- Xiao H.-Y., Xie Z.-Y., Tang C.-G., Wang Y.-L. & Liu C.-Q. (2011): Epilithic moss as a bio-monitor of atmospheric N deposition in South China. – *Journal of Geophysical Research – Atmospheres* 116: –D24301.
- Xiao L., Wang H., Wan P., Kuang T. & He Y. (2011): Genome-wide transcriptome analysis of gametophyte development in *Physcomitrella patens*. – *BMC Plant Biology* 11: –177.
- Yu Q., Epstein H. E., Walker D. A., Frost G. V. & Forbes B. C. (2011): Modeling dynamics of tundra plant communities on the Yamal Peninsula, Russia, in response to climate change and grazing pressure. – *Environmental Research Letters* 6: –045505.
- Zin E. & Obidziński A. (2011): Mszaki epifityczne świerka pospolitego w wybranych zespołach leśnych Białowieskiego Parku Narodowego [Epiphytic bryophytes of Norway spruce in selected forest communities of Białowieża National Park, NE Poland]. – *Sylvan* 155: 769–777.

## **Bryologické publikace z České a Slovenské republiky [Bryological publications issued in the Czech Republic and Slovakia]**

### 1. Články a knižní publikace [Papers and books]

- Buřivál J. & Novotný I. (2010): Vrbovkový mokřad, lokalita ohrožená výstavbou plánovaného obchvatu Vyškova. – *Muzejní zpravodaj, Muzeum Vyškovska*: 14–16.
- Dítě D., Šoltés R., Hájková P. & Hájek M. (2011): Reliktný druh *Catoscopium nigritulum* (Bryophyta) na slatinných rašeliniskách Západných Karpát (Slovensko) [Black Golf Club Moss (*Catoscopium nigritulum*) in fens of the West Carpathians (Slovakia)]. – *Bryonora* 48: 14–20.
- Dvořák J. (2012): Zdeněk Pilous 100 let od narození znalce mechů a spoluzakladatele národního parku. – *Krkonoše – Jizerské hory* 2: 20–21.
- Hájek P. (2011): *Campylopus introflexus* (Bryophyta) v okolí Hradce Králové [*Campylopus introflexus* (Bryophyta) in the surroundings of Hradec Králové]. – *Acta Musei Reginaehradecensis, ser. A*, 33: 70.
- Horáková V. (2011): Tajemný šikoušek. – *Krkonoše – Jizerské hory* 10: 46.
- Hradílek Z., Chlachula J. & Nesterova S. G. (2011): New bryophyte records from Kazakhstan. – *Thaiszia – Journal of Botany* 21: 29–36.
- Hradílek Z. & Musil Z. (2011): Novinky v bryoflore Národního parku Podyjí [New bryophyte records from Podyjí National park]. – *Thayensia* 8: 57–67.
- Kliment J. (2010): Botanická bibliografia Veľkej Fatry (lišajníky, machorasty, papraďorasty a semenné rastliny, rastlinné spoločenstvá). Súpis prác do roku 1960 [Botanical bibliography of the Veľká Fatra Mts (lichens, bryophytes, ferns and flowering plants, plant communities). The list of publications till the 1960]. – *Naturae Tutela* 14: 251–271.
- Konvalinková P. & Prach K. (2010): Spontaneous succession of vegetation in mined peatlands: a multi-site study. – *Preslia* 82: 423–435.
- Kučera J. (2011): Zajímavé bryofloristické nálezy XVIII. [Interesting bryofloristic records, XVIII]. – *Bryonora* 48: 59–67.
- Kučera J., Kubešová S. & Plášek V. (2011): Nová bryologická literatura XXV. [New bryological literature, XXV]. – *Bryonora* 48: 75–84.
- Kučera J., Kučerová V., Kubešová S., Holá E., Vicharová E., Štechová T. & Jandová J. (2011): Bryofloristický příspěvek z Tišnovska [Bryofloristic contribution from the Tišnov region, Southern Moravia]. – *Bryonora* 48: 4–10.
- Kučera J. & Váňa J. (2011): Játrovka *Microlejeunea ulicina* (Taylor) A. Evans potvrzena v České republice [The liverwort *Microlejeunea ulicina* (Taylor) A. Evans confirmed in the Czech Republic]. – *Bryonora* 48: 11–13.
- Mišíková K. & Kubinská A. (2010): Machorasty historických cintorínov vo vybraných mestách strednej Európy [Bryophytes on historical cemeteries of selected cities in Central Europe]. – *Bulletin Slovenskej Botanickej Spoločnosti* 32: 137–145.

- Ondrová V., Novotný I., Hájek M., Fuksová J., Fajmon K. & Hettenbergerová E. (2011): Mechorosty a cévnaté rostliny mokřadní lokality Kolo na předních loukách v Bílých Karpatech [Bryophytes and vascular plants of Kolo spring fen in the Přední louky meadow complex in the Bílé Karpaty Mts, eastern Moravia, Czech Republic]. – *Acta Carpathica Occidentalis* 2: 11–22.
- Petrášová A., Hrivnák R. & Slezák M. (2011): Bryoflora jelšín středného Slovenska v širších geografických a cenologických súvislostiach [Bryoflora of alder vegetation in central Slovakia with respect to wider geographical and coenological context]. – *Bryonora* 48: 51–58.
- Plášek V. & Marková I. (2011): *Orthotrichum tenellum* – nový mech pro bryofloru České republiky [*Orthotrichum tenellum* – a new moss species for bryoflora of the Czech Republic]. – *Bryonora* 48: 1–3.
- Sekulová L., Hájek M., Hájková P., Mikulášková E. & Rozbrojová Z. (2011): Alpine wetlands in the West Carpathians: vegetation survey and vegetation-environment relationships. – *Preslia* 83: 1–24.
- Šubová D. (2010): Príspevok k rozšíreniu lišajníkov a machorastov Jánskej doliny (Liptovská kotlina) [Contribution to range of Lichenes and Bryophytes in the Jánska Valley, the Liptov Basin]. – *Naturae Tutela* 14: 133–146.
- Tkáčiková J. (2010): Flóra a vegetace Přírodní rezervace Čerňavina (Moravskoslezské Beskydy) [Flora and vegetation of the Nature Reserve Čerňavina (Moravskoslezské Beskydy Mts)]. – *Acta Musei Beskidensis* 2: 29–47.
- Váňa J. (2011): O mechorostech jizerskohorských rašelinišť. – *Krkonoše – Jizerské hory* 11: 30–32.
- Váňa J. (2011): Přínos botaniků 19. století narozených a působících na českém území k nomenklatuře a taxonomii mechorostů. III. Další bryologové či botanikové zabývající se mechorosty [Contribution of botanists of 19th century born and working in the area of the present Czech Republic to the nomenclature and taxonomy of bryophytes. III. Additional bryologists or botanists dealing with bryophytes]. – *Bryonora* 48: 21–33.

## 2. Rukopisné práce [Manuscripts]

- Bradáčová J. (2011): Ekologie a rozšíření mechu *Helodium blandowii* v České republice. – Ms. [Bakalářská práce; depon. in: Jihočeská univerzita v Českých Budějovicích.]
- Holá E. & Novozámská E. (2010): Mapování *Buxbaumia viridis* (Moug. Ex Lam. & DC.) Brid. Ex Moug. & Nestl. v NPR Boubínský prales pro podzim 2010. – Ms. [Depon. in: AOPK ČR, Praha.]
- Holá E., Novozámská E. & Horáková V. (2011): Vyhledávání lokalit *Buxbaumia viridis* v Krkonoších (24.–26. 5. 2011). – Ms. [Depon. in: AOPK ČR, Praha.]
- Hradílek Z. (2010): Monitoring játrovky *Asterella saccata* (Wahlenb.) A. Evans [Marchantiophyta, Aytoniaceae]. – Ms. [Depon. in: AOPK ČR, Praha.]
- Hradílek Z. (2010): Monitoring játrovky *Mannia triandra* (Scop.) Grolle v PR Šumárník (CHKO Hrubý Jeseník). – Ms. [Depon. in: AOPK ČR, Praha.]
- Hradílek Z. (2010): Monitoring játrovky *Oxymitra incrassata* (Brot.) Sérgio & Sim-Sim [Marchantiophyta, Oxymitracae]. – Ms. [Depon. in: AOPK ČR, Praha.]
- Hradílek Z. (2010): Monitoring mechu *Funaria pulchella* H. Philib. [Bryophyta, Funariales]. – Ms. [Depon. in: AOPK ČR, Praha.]
- Hradílek Z. (2010): Monitoring mechu *Pyramidula tetragona* (Brid.) Brid.. – Ms. [Depon. in: AOPK ČR, Praha.]
- Hradílek Z. (2011): Monitoring játrovky *Mannia triandra* (Scop.) Grolle v PR Šumárník (CHKO Hrubý Jeseník). – Ms. [Depon. in: AOPK ČR, Praha.]
- Hradílek Z., Košnar J., Kubešová S., Kučerová L., Kučera J., Mikulášková E., Musil Z., Novozámská E. & Plášek V. (2011): Zpráva o revizi historických lokalit druhů mechorostů s nedostatečně známým rozšířením. – Ms. [Depon. in: AOPK ČR, Praha.]
- Jandová J. (2010): Závěrečná zpráva z monitoringu mechu *Dicranum viride*. – Ms. [Depon. in: AOPK ČR, Praha.]
- Jandová J. (2011): Závěrečná zpráva z monitoringu mechu *Dicranum viride*. – Ms. [Depon. in: AOPK ČR, Praha.]
- Komárek J., Musil Z., Novotný I., Plaček J. & Podhorný J. (2010): Mapování výskytu populací korálice trojklané (*Corallorhiza trifida*) a jednokvítka velekvětého (*Moneses uniflora*) v údolí potoka Bělá u Horního Štěpánova. – Ms. [Depon. in: Botanické oddělení, Moravské zemské muzeum, Brno.]
- Košnar J. (2010): Závěrečná zpráva z monitoringu mechu *Dicranum viride*. – Ms. [Depon. in: AOPK ČR, Praha.]

- Koval Š. (2010): Monitoring evropsky významného druhu *Buxbaumia viridis* (Moug. ex Lam. & DC.) Brid. ex Moug. & Nestl. na 12 vybraných lokalitách v CHKO Jeseníky a okolí za rok 2010. – Ms. [Depon. in: AOPK ČR, Praha.]
- Koval Š. (2011): Monitoring evropsky významného druhu *Notothylas orbicularis* (Schwein.) A. Gray na Šumpersku a Rýmařovsku v roce 2011. – Ms. [Depon. in: AOPK ČR, Praha.]
- Koval Š. & Zmrhalová M. (2010): Monitoring evropsky významného druhu *Buxbaumia viridis* (Moug. ex Lam. & DC.) Brid. ex Moug. & Nestl. v CHKO Orlické hory v roce 2010. – Ms. [Depon. in: AOPK ČR, Praha.]
- Koval Š. & Zmrhalová M. (2011): Monitoring evropsky významného druhu *Buxbaumia viridis* (Moug. ex Lam. & DC.) Brid. ex Moug. & Nestl. v CHKO Železné hory v roce 2011. – Ms. [Depon. in: AOPK ČR, Praha.]
- Koval Š. & Zmrhalová M. (2011): Monitoring evropsky významného druhu *Buxbaumia viridis* (Moug. ex Lam. & DC.) Brid. ex Moug. & Nestl. v CHKO Jeseníky a okolí v roce 2011. – Ms. [Depon. in: AOPK ČR, Praha.]
- Kubešová S. & Novotný I. (2010): Inventarizační průzkum mechorostů PP Pod Kamenným vrchem. – Ms. [Depon. in: Botanické oddělení, Moravské zemské muzeum, Brno.]
- Kubešová S., Novotný I. & Sutorý K. (2010): Inventarizační průzkum cévnatých rostlin a mechorostů PP Louky v Jeníkově. – Ms. [Depon. in: Botanické oddělení, Moravské zemské muzeum, Brno.]
- Kubešová S., Novotný I. & Sutorý K. (2010): Inventarizační průzkum cévnatých rostlin a mechorostů PP Louky u Černého lesa. – Ms. [Depon. in: Botanické oddělení, Moravské zemské muzeum, Brno.]
- Kubešová S., Novotný I. & Sutorý K. (2010): Inventarizační průzkum cévnatých rostlin a mechorostů PP U Tučkovy hájenky. – Ms. [Depon. in: Botanické oddělení, Moravské zemské muzeum, Brno.]
- Kučera J. (2010): Zpráva o monitoringu druhu *Notothylas orbicularis* (Schwein.) A. Gray na Kaplicku v roce 2010. – Ms. [Depon. in: AOPK ČR, Praha.]
- Kučera J. (2010): Zpráva o monitoringu mechu *Orthotrichum rogeri* v roce 2010. – Ms. [Depon. in: AOPK ČR, Praha.]
- Kučera J. (2010): Zpráva o monitoringu mechu *Orthotrichum urnigerum* v roce 2010. – Ms. [Depon. in: AOPK ČR, Praha.]
- Novotný I., Hájek M. & Fuksová J. (2010): Průzkum mechorostů v rezervaci „Kolo“ v komplexu Předních luk poblíž Slavkova v Bílých Karpatech. – Ms. [Depon. in: Botanické oddělení, Moravské zemské muzeum, Brno.]
- Novozámská E. (2010): Zpráva o monitoringu druhu *Orthotrichum rogeri* Brid. v Krušných horách v roce 2010. – Ms. [Depon. in: AOPK ČR, Praha.]
- Novozámská E. (2010): Zpráva z monitoringu druhu *Buxbaumia viridis* v roce 2010. – Ms. [Depon. in: AOPK ČR, Praha.]
- Novozámská E. (2011): Zpráva o monitoringu druhu *Orthotrichum rogeri* Brid. v Krušných horách v roce 2011. – Ms. [Depon. in: AOPK ČR, Praha.]
- Novozámská E. (2011): Zpráva z monitoringu druhu *Buxbaumia viridis* v roce 2011. – Ms. [Depon. in: AOPK ČR, Praha.]
- Novozámská E. & Plášek V. (2011): Zpráva z monitoringu druhu *Buxbaumia viridis* v roce 2011. – Ms. [Depon. in: AOPK ČR, Praha.]
- Plášek V. (2010): Zpráva o monitoringu druhu *Orthotrichum rogeri* Brid. – Hanušovicko, Šumpersko a Jablunkovsko (2010). – Ms. [Depon. in: AOPK ČR, Praha.]
- Štechová T. (2010): Výsledky intenzivního monitoringu druhu *Hamatocaulis vernicosus* (Calliergonaceae) v roce 2010. – Ms. [Depon. in: AOPK ČR, Praha.]
- Štechová T. (ed.) (2010): Výsledky intenzivního monitoringu druhů *Meesia triquetra*, *Paludella squarrosa* a *Scorpidium scorpioides* v roce 2010. – Ms. [Depon. in: AOPK ČR, Praha.]
- Štechová T. (2011): Mapování výskytu ohroženého rašeliništního mechu *Drepanocladus polygamus* v jižních Čechách. Závěr. zpráva projektu Ochrana biodiversity 2011. – Ms. [Depon. in: ČSOP, Praha.]
- Vicherová E., Štechová T. & Sova P. (2011): Bryofloristický průzkum rašeliništního komplexu v okolí PR Hůrky na Plzeňsku. Závěr. zpráva projektu Ochrana biodiversity 2011. – Ms. [Depon. in: ČSOP, Praha.]
- Zmrhalová M. (2010): Monitoring evropsky významného druhu *Buxbaumia viridis* (Moug. ex Lam. & DC.) Brid. ex Moug. & Nestl. na 11 vybraných lokalitách v CHKO Jeseníky v roce 2010. – Ms. [Depon. in: AOPK ČR, Praha.]
- Zmrhalová M. (2010): Monitoring evropsky významného druhu *Notothylas orbicularis* (Schwein.) A. Gray na lokalitách Lipová-lázně a Lázně Jeseník v roce 2010. – Ms. [Depon. in: AOPK ČR, Praha.]

### 3. Nebryologické práce s údaji o výskytu na území ČR a SR [Non-bryological papers with bryophyte records from the territory of CR and SR]

- Bernátová D. & Migra V. (2011): Výnimočné zložky rašelinnej vegetácie v Oravskej kotline [Exceptional components of peat-bog vegetation in Oravská kotlina basin]. – Bulletin Slovenskej Botanickéj Spoločnosti 33: 173–178.
- Bernátová D. & Škovirová K. (2012): NPR Rakšianske rašelinisko: stav druhovej a vegetačnej diverzity r. 2011 [NNR Rakšianske rašelinisko: condition of species and vegetation diversity in the year 2011]. – Bulletin Slovenskej Botanickéj Spoločnosti 34: 57–64.
- Buchar J. & Hajer J. (2011): Pavouci NPR Božidarské rašeliniešťa a hodnotení prírodných poměrů Krušných hor 2 [The Significance of Spider Communities in the Božidarské rašeliniešťa National Nature Reserve for the Evaluation of the Environmental Quality of the Krušné hory Mountains 2]. – Živa 6: 281–284.
- Dítě D. & Jasík M. (2012): Chorologické, ekologické a fytoecologické poznámky k výskytu ostrice vláskovitej (*Carex capillaris*) na slatinách severného Slovenska [Chorological, ecological and phytosociological notes on the occurrence of Hair-like Sedge (*Carex capillaris*) in fens of northern Slovakia]. – Bulletin Slovenskej Botanickéj Spoločnosti 34: 45–56.
- Dítě D., Vlčko J., Jasík M., Kolník M. & Janoviak J. (2011): Opätovne potvrdený výskyt pokruta jesenného (*Spiranthes spiralis*, Orchidaceae) na Kysuciach v kontexte výskytu druhu na Slovensku [Rediscovery of *Spiranthes spiralis* (Orchidaceae) in the Kysuce region in the context of a species distribution in Slovakia]. – Bulletin Slovenskej Botanickéj Spoločnosti 33: 21–25.
- Dostálek J. & Kučera J. (2011): Flóra a vegetace národní přírodní rezervace Bukačka v Orlických horách [Flora and vegetation of Bukačka Nature Reserve in Orlické hory Mts (East Bohemia)]. – Acta Musei Reginaehradecensis, ser. A, 33: 15–36.
- Duchoň M. & Šibík J. (2010): K výskytu druhu *Crepis sibirica* v Lúčanskej Malej Fatre [On the occurrence of *Crepis sibirica* in the Lúčanská Malá Fatra Mts]. – Bulletin Slovenskej Botanickéj Spoločnosti 32: 83–189.
- Gerža M., Myšková Z. & Kučera J. (2011): *Montia fontana* a *M. hallii* v Orlických horách [*Montia fontana* and *M. hallii* in the Orlické hory Mountains]. – Zprávy České Botanické Společnosti 46: 359–377.
- Gonda M. & Dítě D. (2011): Ekológia a cenológia ostrevky slatinnej (*Sesleria uliginosa*) na Slovensku a jej porovnanie so stavom v Českej republike [The ecology and coenotic characteristics of *Sesleria uliginosa* in Slovakia and comparison with Czech Republic]. – Zprávy České Botanické Společnosti 46: 161–192.
- Hadinec J. & Lustyk P. (eds) (2011): Additamenta ad floram Reipublicae Bohemicae IX [Additions to the flora of the Czech Republic IX]. – Zprávy České Botanické Společnosti 46: 51–160.
- Kochjarová J. (2011): Flóra a vegetácia vodných biotopov v oblasti stredných tokov Váhu, Nitry, Žitavy a Hrona [Flora and vegetation of the aquatic habitats in the middle reaches of Váh, Nitra, Žitava, and Hron rivers (SW Slovakia)]. – Bulletin Slovenskej Botanickéj Spoločnosti 33: 51–66.
- Kochjarová J., Kliment J. & Šoltés R. (2010): Rastlinné spoločenstvá zatienených skál na Muránskej planine a vo Veľkej Fatre [Plant communities of the shaded rocks in the Muránska planina Mts and Veľká Fatra Mts]. – Bulletin Slovenskej Botanickéj Spoločnosti 32: 215–238.
- Kučera P. (2011): O pôvodnosti smrečín Poľany [On naturalness of *Picea* stands on the Poľana]. – Bulletin Slovenskej Botanickéj Spoločnosti 33: 199–219.
- Oťaheľová H., Hrivnák R., Kochjarová J., Valachovič M. & Paľove-Balang P. (2011): Rastlinné spoločenstvá antropogénnych vodných nádrží Štiavnických vrchov [Plant communities of artificial water reservoirs of the Štiavnické vrchy Mts]. – Bulletin Slovenskej Botanickéj Spoločnosti 33: 67–82.
- Petrík A. & Šibík J. (2010): Asociácia *Festuco versicoloris-Oreochloetum distichae* – vysokohorská tundra v Belianských Tatrách [The association *Festuco versicoloris-Oreochloetum distichae* – an alpine tundra in the Belianske Tatry Mts]. – Naturae Tutela 14: 147–154.
- Popelářová M., Hlisnikovský D., Koutecký P., Dančák M., Tkáčiková J., Vašut R. J., Vymazalová M., Dvorský M., Lustyk P. & Ohryzková L. (2011): Rozšíření vybraných taxonů cévnatých rostlin v CHKO Beskydy a blízkém okolí (Výsledky mapování flóry z let 2006–2009) [Distribution of selected vascular plants taxa in the Beskydy Protected Landscape Area and in its close surroundings (Results of botanical grid mapping during 2006–2009)]. – Zprávy České Botanické Společnosti 46: 277–358.
- Samková V. (2011): Výsledky botanického průzkumu lokality na jihozápadním okraji lesa Dehetník u Svinar [Results of the botanical research of the locality in southwest part of the Dehetník wood near the village of Svinary (East Bohemia)]. – Acta Musei Reginaehradecensis, ser. A, 33: 37–52.
- Slezák M. (2010): Prvý záznam o výskytu asociácie *Lunario-Aceretum pseudoplatani* v Štiavnických vrchoch [First record of association *Lunario-Aceretum pseudoplatani* from the Štiavnické vrchy Mts]. – Naturae Tutela 14: 155–159.

- Šibík J. (ed.) (2010): Zaujímavejšie fytoecnologické zápisy. – Bulletin Slovenskej Botanickéj Spoločnosti 32: 282–285.
- Šibík J. (ed.) (2011): Zaujímavejšie fytoecnologické zápisy. – Bulletin Slovenskej Botanickéj Spoločnosti 33: 110–115.
- Šibík J. (ed.) (2012): Zaujímavejšie fytoecnologické zápisy. – Bulletin Slovenskej Botanickéj Spoločnosti 34: 114–119.

### Poděkování

Za pomoc při vyhledávání prací děkujeme M. Hájkovi, Z. Hradílkovi, I. Novotnému, T. Štechové a V. Horákové.

## NOVÁ LICHENOLOGICKÁ LITERATURA XXI.

### New lichenological literature, XXI

Zdeněk P a l i c e

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- Aguirre-Hudson B., Whitworth I. & Spooner B. M. (2011): J. M. Despréaux' lichens from the Canary Islands and West Africa: an account of a 19th century collection found in an English archive. – *Botanical Journal of the Linnean Society* 166: 185–211.
- Amo de Paz G., Cubas P., Divakar P. K., Lumbsch H. T. & Crespo A. (2011): Origin and diversification of major clades in parmelioid lichens (Parmeliaceae, Ascomycota) during the paleogene inferred by Bayesian analysis. – *Plos One* 6(12): e28161 [13 p.].
- Aptroot A. (2011): A new species of *Arthonia* is a pest in an orchid nursery. – *Lichenologist* 43: 193–197.
- Aptroot A. & Schumm F. (2011): Fruticose Roccellaceae – an anatomical-microscopical Atlas and Guide with a worldwide Key and further Notes on some crustose Roccellaceae or similar Lichens. – Books on Demand GmbH, Norderstedt. [374 pp.]
- Arcadia L. (2011): Notes on two early publications, and a remark on *Peterjamesia circumscripta*. – *Lichenologist* 43: 187–188.
- Armaleo D., Sun X. & Culberson C. (2011): Insights from the first putative biosynthetic gene cluster for a lichen depside and depsidone. – *Mycologia* 103: 741–754.
- Armstrong R. A. (2011): The biology of the crustose lichen *Rhizocarpon geographicum*. – *Symbiosis* 55: 53–67.
- Armstrong R. A. & Bradwell T. (2011): Growth of foliose lichens: a review. – *Symbiosis* 53: 1–16.
- Arup U. (2011): Contributions to the knowledge of *Caloplaca* in the Nordic countries. – *Graphis Scripta* 23: 10–20.
- Arup U. & Sandler Berlin E. (2011): A taxonomic study of *Melanelixia fuliginosa* in Europe. – *Lichenologist* 43: 89–97.
- Asplund J. (2011): Snails avoid the medulla of *Lobaria pulmonaria* and *L. scrobiculata* due to presence of secondary compounds. – *Fungal Ecology* 4: 356–358.
- Asplund J. (2011): Chemical races of *Lobaria pulmonaria* differ in palatability to gastropods. – *Lichenologist* 43: 491–494.
- Beckett R. P., Alyabyev A. J. & Minibayeva F. V. (2011): Patterns of heat production during desiccation and rehydration in lichens differing in desiccation tolerance. – *Lichenologist* 43: 178–183.
- Benatti M. N. (2011): A simple clearing technique to aid in the recognition of cilia and rhizinae structure in the Parmeliaceae. – *Opuscula Philolichenum* 9: 21–25.
- Berg A., Josefsson T. & Östlund L. (2011): Cutting of lichen trees: a survival strategy used before the 20th century in northern Sweden. – *Vegetation History and Archaeobotany* 20: 125–133.
- Bjelland T., Grube M., Hoem S., Jorgensen S. L., Daae F. L., Thorseth I. H. & Øvreås L. (2011): Microbial metacommunities in the lichen–rock habitat. – *Environmental Microbiology Reports* 3: 434–442.
- Bjerke J. W. (2011): Winter climate change: Ice encapsulation at mild subfreezing temperatures kills freeze-tolerant lichens. – *Environmental and Experimental Botany* 72: 404–408.