

NOVÁ BRYOLOGICKÁ LITERATURA XVIII.

New bryological literature, XVIII

Jan Kučera¹, Svatava Kuběšová², Michal Hájek³ & Vítězslav Plášek⁴

¹ Jihočeská Univerzita, Přírodovědecká fakulta, Branišovská 31, CZ-370 05 České Budějovice, e-mail: kucera@prf.jcu.cz, ² Botanické oddělení, Moravské zemské muzeum, Hviezdoslavova 29a, CZ-62700 Brno, skubesova@mzm.cz; ³ Masarykova univerzita, Ústav botaniky a zoologie, Kotlářská 2, CZ-61137 Brno, hajek@sci.muni.cz; ⁴ Ostravská univerzita, KBE PřF, Chittussiho 10, CZ-71000 Ostrava, vitezslav.plasek@osu.cz

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

- Admiral S. W. & Lafleur Peter M. (2007): Modelling of latent heat partitioning at a bog peatland. – Agricultural and Forest Meteorology 144: 213–229.
- Ah-Peng C., Chuah-Petiot M., Descamps-Julien B., Bardat J., Stamenoff P. & Strasberg D. (2007): Bryophyte diversity and distribution along an altitudinal gradient on a lava flow in La Réunion. – Diversity and Distributions 13: 654–662.
- Allen B. & Ireland R. R. (2007): A new species of *Bartramia* (*Bartramiaceae*) from Chile. – Bryologist 110: 506–509.
- Aničić M., Frontasyeva M. V., Tomašević M. & Popović A. (2007): Assessment of atmospheric deposition of heavy metals and other elements in Belgrade using the moss biomonitoring technique and neutron activation analysis. – Environmental Monitoring and Assessment 129: 207–219.
- Aptroot A., van Dobben H. F., Slim P. A. & Olff H. (2007): The role of cattle in maintaining plant species diversity in wet dune valleys. – Biodiversity and Conservation 16: 1541–1550.
- Arnesen G., Beck P. S. A. & Engelskjøn T. (2007): Soil acidity, content of carbonates, and available phosphorus are the soil factors best correlated with alpine vegetation: Evidence from Troms, North Norway. – Arctic, Antarctic and Alpine Research 39: 189–199.
- Åström M., Dynesius M., Hylander K. & Nilsson C. (2007): Slope aspect modifies community responses to clear-cutting in Boreal forests. – Ecology 88: 749–758.
- Austheim G., Mysterud A., Hassel K., Evju M. & Økland R. H. (2007): Interactions between sheep, rodents, graminoids, and bryophytes in an oceanic alpine ecosystem of low productivity. – Ecoscience 14: 178–187.
- Axtell M. J., Snyder J. A. & Bartell D. P. (2007): Common functions for diverse small RNAs of land plants. – Plant Cell 19: 1750–1769.
- Baldwin L. K. & Bradfield G. E. (2007): Bryophyte responses to fragmentation in temperate coastal rainforests: A functional group approach. – Biological Conservation 136: 408–422.
- Bardat J. & Aubert M. (2007): Impact of forest management on the diversity of corticolous bryophyte assemblages in temperate forests. – Biological Conservation 139: 47–66.
- Bauer I. E., Tirlea D., Bhatti J. S. & Errington R. C. (2007): Environmental and biotic controls on bryophyte productivity along forest to peatland ecotones. – Canadian Journal of Botany – Revue Canadienne de Botanique 85: 463–475.
- Beever J. (2007): From flora systematics to conservation, a rocky road – case studies from the moss world. – New Zealand Journal of Botany 45: 293–293.
- Bell N. E. & York P. V. (2007): *Vetiplanaxis pyrrhobryoides*, a new fossil moss genus and species from Middle Cretaceous Burmese amber. – Bryologist 110: 514–520.
- Bell N. E., Quandt D., O'Brien T. J. & Newton A. E. (2007): Taxonomy and phylogeny in the earliest diverging pleurocarps: square holes and bifurcating pegs. – Bryologist 110: 533–560.
- Bennici A. (2007): Unresolved problems on the origin and early evolution of land plants. – Rivista di Biologia – Biology Forum 100: 55–67.
- Bi H. H., Song Y. Y. & Zeng R. S. (2007): Biochemical and molecular responses of host plants to mycorrhizal infection and their roles in plant defence. – Allelopathy Journal 20: 15–27.
- Billeter R., Peintinger M. & Diemer M. (2007): Restoration of montane fen meadows by mowing remains possible after 4–35 years of abandonment. – Botanica Helvetica 117: 1–13.

- Blockeel T. L., Bednarek-Ochyra H., Ochyra R., Duezenli A., Erdag A., Erzberger P., Ezer T., Hespanhol H., Kara R., Matteri C. M., Müller F., Séneca A., Sérgio C. & Váňa J. (2007): New national and regional bryophyte records, 15. – *Journal of Bryology* 29: 139–142.
- Blockeel T. L., Chlebicki A., Hájková P., Hájek M., Hradílek Z., Kürschner H., Ochyra R., Parolly G., Plášek V., Quandt D., Townsend C. C. & Vanderpoorten A. (2006): New national and regional bryophyte records 12. – *Journal of Bryology* 28: 68–70.
- Bond-Lamberty B. & Gower S. T. (2007): Estimation of stand-level leaf area for boreal bryophytes. – *Oecologia* 151: 584–592.
- Brown R. C., Lemmon B. E. & Shimamura M. (2007): Transformations of the pleiomorphic plant MTOC during sporogenesis in the hepatic *Marchantia polymorpha*. – *Journal of Integrative Plant Biology* 49: 1244–1252.
- Cano M. J. (2007): Typification of the names of some infraspecific taxa in the *Tortula subulata* complex (*Pottiaceae, Bryophyta*) and their taxonomic disposition. – *Taxon* 56: 949–952.
- Carey R. E. & Cosgrove D. J. (2007): Portrait of the expansin superfamily in *Physcomitrella patens*: Comparisons with angiosperm expansins. – *Annals of Botany* 99: 1131–1141.
- Casas C., Brugués M., Cros R. M. & Sérgio C. (2006): Handbook of Mosses of the Iberian Peninsula and the Balearic Islands: Illustrated Keys to Genera and Species. – Institut d'Estudis Catalans, Barcelona. [349 pp.]
- Castello M. (2007): A comparison between two moss species used as transplants for airborne trace element biomonitoring in NE Italy. – *Environmental Monitoring and Assessment* 133: 267–276.
- Chambers F. M., Mauquoy D., Gent A., Pearson F., Daniell J. R. G. & Jones P. S. (2007): Palaeoecology of degraded blanket mire in South Wales: Data to inform conservation management. – *Biological Conservation* 137: 197–209.
- Conte B., Braglia R., Basile A., Cobianchi R. C. & Forni C. (2007): Proteomics and Bryophytes: a methods of protein extraction to comparison between different study protein synthesis in the aquatic moss *Leptodictyum riparium* (Hedw.). – *Caryologia* 60: 102–105.
- Cornelissen J. H. C., Lang S. I., Soudzilovskaya N. A. & During H. J. (2007): Comparative cryptogam ecology: A review of bryophyte and lichen traits that drive biogeochemistry. – *Annals of Botany* 99: 987–1001.
- Crandall-Stotler B. J. & Stotler R. E. (2007): On the identity of *Moerckia hibernica* (Hook.) Gottsche (*Moerckiaceae* fam. nov, *Marchantiophyta*). – *Nova Hedwigia Beih.* 131: 41–59.
- Cuming A. C., Cho S. H., Kamisugi Y., Graham H. & Quatrano R. S. (2007): Microarray analysis of transcriptional responses to abscisic acid and osmotic, salt, and drought stress in the moss, *Physcomitrella patens*. – *New Phytologist* 176: 275–287.
- Daniels A. E. D. & Kariyappa K. C. (2007): Bryophyte diversity along a gradient of human disturbance in the southern Western Ghats. – *Current Science* 93: 976–982.
- Davidson N. J., Close D. C., Battaglia M., Churchill K., Ottenschlaeger M., Watson T. & Bruce J. (2007): Eucalypt health and agricultural land management within bushland remnants in the Midlands of Tasmania, Australia. – *Biological Conservation* 139: 439–446.
- Davis D. D., McClenahan J. R. & Hutnik R. J. (2007): Use of the moss *Dicranum montanum* to evaluate recent temporal trends of mercury accumulation in oak forests of Pennsylvania. – *Northeastern Naturalist* 14: 27–34.
- de Roo R. T., Hedderson T. A. & Söderström L. (2007): Molecular insights into the phylogeny of the leafy liverwort family *Lophoziaeae* Cavers. – *Taxon* 56: 301–314.
- DeLuca T. H., Zackrisson O., Gentili F., Sellstedt A. & Nilsson M.-C. (2007): Ecosystem controls on nitrogen fixation in boreal feather moss communities. – *Oecologia* 152: 121–130.
- Demars B. O. L. & Edwards A. C. (2007): Tissue nutrient concentrations in freshwater aquatic macrophytes: high inter-taxon differences and low phenotypic response to nutrient supply. – *Freshwater Biology* 52: 2073–2086.
- Dítě D., Hájek M. & Hájková P. (2007): Formal definitions of Slovakian mire plant associations and their application in regional research. – *Biologia* 62: 400–408.
- Dormann C. F. (2007): Competition hierarchy, transitivity and additivity: investigating the effect of fertilisation on plant-plant interactions using three common bryophytes. – *Plant Ecology* 191: 171–184.
- Douma J. C., Van Wijk M. T., Lang S. I. & Shaver G. R. (2007): The contribution of mosses to the carbon and water exchange of arctic ecosystems: quantification and relationships with system properties. – *Plant Cell and Environment* 30: 1205–1215.

- Dragović S., Onjia A., Dragović R. & Bačić G. (2007): Implementation of neural networks for classification of moss and lichen samples on the basis of gamma-ray spectrometric analysis. – Environmental Monitoring and Assessment 130: 245–253.
- Draper I., Albertos B., Garilleti R., Lara F. & Mazimpaka V. (2007): Contribution to the biodiversity conservation in Morocco (North Africa): important areas for epiphytic bryophytes. – Cryptogamie Bryologie 28: 211–236.
- Draper I., Hedenäs L. & Grimm G. W. (2007): Molecular and morphological incongruence in European species of *Isothecium* (*Bryophyta*). – Molecular Phylogenetics and Evolution 42: 700–716.
- During H. (2007): Episodic bryophytes in the diasporic bank of a Zimbabwean savanna. – Lindbergia 32: 66–61.
- During H. J. (2007): Relations between clonal growth, reproduction and breeding system in the bryophytes of Belgium and The Netherlands. – Nova Hedwigia Beih. 131: 133–145.
- Eckstein J. & Döbbeler P. (2007): Fungal spores within sporophytes of *Gymnostomum viridulum*. – Journal of Bryology 29: 169–173.
- Egorov V. I. (2007): The nitrogen regime and biological fixation of nitrogen in moss communities (the Khibiny Mountains). – Eurasian Soil Science 40: 463–467.
- Ellwood N. T. W., Turner B. L., Haile S. M. & Whitton B. A. (2007): Seasonal changes in the surface phosphatase kinetics of aquatic mosses in northern England. – Journal of Bryology 29: 174–182.
- Fenner N., Ostle N. J., McNamara N., Sparks T., Harmens H., Reynolds B. & Freeman C. (2007): Elevated CO₂ effects on peatland plant community carbon dynamics and DOC production. – Ecosystems 10: 635–647.
- Fenton N. J., Béland C., De Blois S. & Bergeron Y. (2007): Sphagnum establishment and expansion in black spruce (*Picea mariana*) boreal forests. – Canadian Journal of Botany – Revue Canadienne de Botanique 85: 43–50.
- Fenton N. J. & Bergeron Y. (2007): *Sphagnum* community change after partial harvest in black spruce boreal forests. – Forest Ecology and Management 242: 24–33.
- Fischer E. (2007): The genera *Anthoceros*, *Phaeoceros* and *Notothylas* (*Anthocerotopsida*) in Rwanda. – Nova Hedwigia Beih. 131: 81–89.
- Flora of North America Editorial Committee (2007): Flora of North America. Volume 27. Bryophytes: Mosses, Part 1. – Missouri Botanical Garden Press, St. Louis. [713 pp.]
- Frahm J.-P. (2007): Bryophytes as indicators of climate change. – Gefährstoffe Reinhaltung der Luft 67: 269–273.
- Frego K. A. (2007): Bryophytes as potential indicators of forest integrity. – Forest Ecology and Management 242: 65–75.
- Galanova O. & Heikkilä R. (2007): Comparison of Finnish and Russian approaches for large-scale vegetation mapping: a case study at Härkösuuo Mires, eastern Finland. – Mires and Peat. 2: Article 1, 16 pp.
- García-Ramos G., Stieha C., Mcletchie D. N. & Crowley P. H. (2007): Persistence of the sexes in metapopulations under intense asymmetric competition. – Journal of Ecology 95: 937–950.
- Gerdol R., Petraglia A., Bragazza L., Iacumin P. & Brancaleoni L. (2007): Nitrogen deposition interacts with climate in affecting production and decomposition rates in *Sphagnum* mosses. – Global Change Biology 13: 1810–1821.
- Goffinet B., Wickett N. J., Werner O., Ros R. M., Shaw A. J. & Cox C. J. (2007): Distribution and phylogenetic significance of the 71-kb inversion in the plastid genome in *Funariidae* (*Bryophyta*). – Annals of Botany 99: 747–753.
- Gornall J. L., Jónsdóttir I. S., Woodin S. J. & Van der Wal R. (2007): Arctic mosses govern below-ground environment and ecosystem processes. – Oecologia 153: 931–941.
- Goryunov D. V., Ignatova E. A., Ignatov M. S., Milyutina I. A. & Troitsky A. V. (2007): Support from DNA data for a narrow species concept in *Schistidium* (*Grimmiaceae, Musci*). – Journal of Bryology 29: 98–103.
- Grau O., Grytnes J.-A. & Birks H. J. B. (2007): A comparison of altitudinal species richness patterns of bryophytes with other plant groups in Nepal, Central Himalaya. – Journal of Biogeography 34: 1907–1915.
- Gremillon L., Kiessling J., Hause B., Decker E. L., Reski R. & Sarnighausen E. (2007): Filamentous temperature-sensitive Z (FtsZ) isoforms specifically interact in the chloroplasts and in the cytosol of *Physcomitrella patens*. – New Phytologist 176: 299–310.

- Groth-Malonek M., Rein T., Wilson R., Groth H., Heinrichs J. & Knoop V. (2007): Different fates of two mitochondrial gene spacers in early land plant evolution. – International Journal of Plant Sciences 168: 709–717.
- Guerra J., Cano M. J. & Heras P. (2007): Morphological variability and new records of *Pohlia bolanderi* (Lesq.) Broth. (*Mielichhoferiaceae*, *Bryophyta*) in the Iberian Peninsula. – Nova Hedwigia 85: 243–248.
- Guerra J. & Cros R.M. (eds.) (2007): Flora Brifofítica Ibérica. Vol. I, *Sphagnales: Sphagnaceae, Andreaeales: Andreaeaceae, Polytrichales: Polytrichaceae, Tetraphidales: Tetraphidaceae, Buxbaumiales: Buxbaumiaceae*. – Universidad de Murcia, SEB, Murcia. [183 pp.]
- Gunnarsson U. & Flodin L.-Å. (2007): Vegetation shifts towards wetter site conditions on oceanic ombrotrophic bogs in southwestern Sweden. – Journal of Vegetation Science 18: 595–604.
- Hájková P., Plášek V. & Hájek M. (2007): A contribution to the Bulgarian bryoflora. – Phytologia Balcanica 13: 141–145.
- Hallingbäck T., Hedenäs L. & Weibull H. (2006): Ny checklista för Sveriges mossor [New checklist of Swedish bryophytes]. – Svensk Botanisk Tidskrift 100: 96–148.
- Harmens H., Norris D. A., Körber G. R., Buse A., Steinnes E. & Rühling Å. (2007): Temporal trends in the concentration of arsenic, chromium, copper, iron, nickel, vanadium and zinc in mosses across Europe. – Atmospheric Environment 41: 6673–6687.
- Hasse T. (2007): *Campylopus introflexus* invasion in a dune grassland: succession, disturbance and relevance of existing plant invader concepts. – Herzogia 20: 305–315.
- Hässel de Menéndez G. G. (2006): *Paraphymatoceros* Hässel, gen. nov. (*Anthocerotophyta*). – Phytologia 88: 208–211.
- Hastings R. I. & Greven H. (2007): *Grimmia milleri* sp. nov. (*Grimmiaceae*) from northeastern North America and the status of *Grimmia afroincurva*. – Bryologist 110: 500–505.
- Heinken T., Rohner M.-S. & Hoppert M. (2007): Red wood ants (*Formica rufa* group) disperse bryophyte and lichen fragments on a local scale. – Nova Hedwigia Beih. 131: 147–163.
- Hejcman M., Klaudisová M., Scheliberg J. & Honsová D. (2007): The Rengen Grassland Experiment: Plant species composition after 64 years of fertilizer application. – Agriculture Ecosystems & Environment 122: 259–266.
- Hofmann H., Urmi E., Bisang I., Müller N., Küchler M., Schnyder N. & Schubiger C. (2007): Retrospective assessment of frequency changes in Swiss bryophytes over the last two centuries. – Lindbergia 32: 18–32.
- Holoubek I., Klánová J., Jarkovský J., Kubík V. & Helešic J. (2007): Trends in background levels of persistent organic pollutants at Košetice observatory, Czech Republic. Part II. Aquatic and terrestrial environments 1996–2005. – Journal of Environmental Monitoring 9: 564–571.
- Holyoak D. T. (2007): *Bruchia vogesiaca* Schwagr. (*Bruchiaceae*) on Bodmin Moor, East Cornwall: a moss new to Britain. – Journal of Bryology 29: 135–136.
- Holyoak D. T. & Pedersen N. (2007): Conflicting molecular and morphological evidence of evolution within the *Bryaceae* (*Bryopsida*) and its implications for generic taxonomy. – Journal of Bryology 29: 111–124.
- Hooijmaijers C. A. M. & Gould Kevin S. (2007): Photoprotective pigments in red and green gametophytes of two New Zealand liverworts. – New Zealand Journal of Botany 45: 451–461.
- Hughes P. D. M., Lomas-Clarke S. H., Schulz J. & Jones P. (2007): The declining quality of late-Holocene ombrotrophic communities and the loss of *Sphagnum austini* (Sull. ex Aust.) on raised bogs in Wales. – Holocene 17: 613–625.
- Hugonnot V., Boudier P. & Chavoutier J. (2007): *Ephemerum cohaerens* (Hedw.) Hampe in France: distribution and ecology. – Cryptogamie Bryologie 28: 267–279.
- Huotari N., Tillman-Sutela E., Kauppi A. & Kubin E. (2007): Fertilization ensures rapid formation of ground vegetation on cut-away peatlands. – Canadian Journal of Forest Research – Revue Canadienne de Recherche Forestière 37: 874–883.
- Hylander K. & Hedderson T. A. J. (2007): Does the width of isolated ravine forests influence moss and liverwort diversity and composition? – A study of temperate forests in South Africa. – Biodiversity and Conservation 16: 1441–1458.
- Ihl C. & Barboza P. S. (2007): Nutritional value of moss for arctic ruminants: a test with muskoxen. – Journal of Wildlife Management 71: 752–758.
- Ianova V., Kolarova M., Aleksieva K., Dornberger K.-J., Härtl A., Möllmann U., Dahse H.-M. & Chipev N. (2007): Sanionins: Anti-inflammatory and antibacterial agents with weak cytotoxicity from the antarctic moss *Sanionia georgico-uncinata*. – Preparative Biochemistry & Biotechnology 37: 343–352.

- Jägerbrand A. K. (2007): A new method for assessing dispersal and colonization of bryophytes. – *Journal of Bryology* 29: 133–134.
- Janišová M., Hrvnák R., Gömöry D., Ujházy K., Valachovič M., Gömöryová E., Hegedüšova K. & Škodová I. (2007): Changes in understorey vegetation after Norway spruce colonization of an abandoned grassland. – *Annales Botanici Fennici* 44: 256–266.
- Jones N. L. & Bartholomew-Began S. (2007): Juvenile gametophyte development in the *Blasiales* (*Metzgeriidae*). 2. Gemma/gemmaling ontogeny of *Cavicularia densa*. – *Bryologist* 110: 453–464.
- Kang S. J., Kim S. H., Liu P., Jovel E. & Towers G. H. N. (2007): Antibacterial activities of some mosses including *Hylocomium splendens* from South Western British Columbia. – *Fitoterapia* 78: 373–376.
- Kempter H., Frenzel B. (2007): The geochemistry of ombrotrophic *Sphagnum* species growing in different microhabitats of eight german and belgian peat bogs and the regional atmospheric deposition. – *Water, Air and Soil Pollution* 184: 29–48.
- Khatun H. & Hadiuzzaman S. (2007): Pleurocarpous mosses of Bangladesh: Family – *Sematophyllaceae*. – *Bangladesh Journal of Botany* 36: 69–80.
- Köckinger H. & van Melick H. (2007): *Didymodon maschalogenus* (*Pottiaceae*), a novelty in the European moss flora, reported from the Austrian Alps and southern Norway. – *Lindbergia* 32: 62–68.
- Köhler L., Tobón C., Frumau K. F. A. & Bruijnzeel L. A. (Sampurno) (2007): Biomass and water storage dynamics of epiphytes in old-growth and secondary montane cloud forest stands in Costa Rica. – *Plant Ecology* 193: 171–184.
- Kopriva S., Wiedemann G. & Reski R. (2007): Sulfate assimilation in Basal land plants – what does genomic sequencing tell us?. – *Plant Biology* 9: 556–564.
- Korobova E. M., Brown J. B., Ukrainseva N. G. & Surkov V. V. (2007): ^{137}Cs and ^{40}K in the terrestrial vegetation of the Yenisey Estuary: landscape, soil and plant relationships. – *Journal of Environmental Radioactivity* 96: 144–156.
- Korpelainen H., Kostamo K. & Virtanen V. (2007): Microsatellite marker identification using genome screening and restriction-ligation. – *Biotechniques* 42: 479–+.
- Koshurnikova N. N. (2007): Annual production of moss layer in dark coniferous forests of Ket-Chulym forest district (by the example of moss *Hylocomium splendens*). – *Biology Bulletin* 34: 532–536.
- Krmar M., Radnović D., Rakić S. & Matavulj M. (2007): Possible use of terrestrial mosses in detection of atmospheric deposition of ^7Be over large areas. – *Journal of Environmental Radioactivity* 95: 53–61.
- Krommer V., Zechmeister H. G., Roder I., Scharf S. & Hanus-Illnar A. (2007): Monitoring atmospheric pollutants in the biosphere reserve Wienerwald by a combined approach of biomonitoring methods and technical measurements. – *Chemosphere* 67: 1956–1966.
- Kürschner H. & Parolly G. (2007): Life forms and life strategies in tropical trunk-epiphytic bryophytes – a case study from Ecuador. – *Nova Hedwigia Beih.* 131: 121–131.
- Kushnevskaya H., Mirin D. & Shorohova E. (2007): Patterns of epixylic vegetation on spruce logs in late-successional boreal forests. – *Forest Ecology and Management* 250: 25–33.
- LaBrecque J. J. & Cordoves P. R. (2007): Determination and spatial distribution of ^{137}Cs in soils, mosses and lichens near Kavanayen, Venezuela. – *Journal of Radioanalytical and Nuclear Chemistry* 273: 401–404.
- Li X.-J., Crosby M. R. & He S. (eds.) (2007): Moss Flora of China, English Version. Volume 4, *Bryaceae* to *Timmiaceae*. – Missouri Botanical Garden Press, St. Louis. [211 pp.]
- Liu X.-Y., Xiao H.-Y., Liu C.-Q. & Li Y.-Y. (2007): $\delta^{13}\text{C}$ and $\delta^{15}\text{N}$ of moss *Haplocladium microphyllum* (Hedw.) Broth. for indicating growing environment variation and canopy retention on atmospheric nitrogen deposition. – *Atmospheric Environment* 41: 4897–4907.
- Ljubešić N., Wrischer M., Prebeg T. & Devidé Z. (2005): Structural changes of lamellar cells in leaves of the moss *Polytrichum formosum* Hedw. during winter freezing and thawing processes. – *Acta Botanica Croatica* 64: 219–226.
- Loader N. J., McCarroll D., Van der Knaap W. O., Robertson I. & Gagen M. (2007): Characterizing carbon isotopic variability in *Sphagnum*. – *Holocene* 17: 403–410.
- Lüth M. (2007): Additions to the bryophyte flora of Bulgaria. – *Cryptogamie Bryologie* 28: 237–241.
- Magnusson Å., Stenström K., Adliene D., Adlys G., Dias C., Rääf C., Skog G., Zakaria M. & Mattsson S. (2007): Carbon-14 levels in the vicinity of the Lithuanian nuclear power plant Ignalina. – *Nuclear Instruments & Methods in Physics Research, Sect. B – Beam Interactions with Materials and Atoms* 259: 530–535.
- Marstaller R. (2006): Syntaxonomischer Konspekt der Moosgesellschaften Europas und angrenzender Gebiete. – *Haussknechtia*, Beiheft 13: 1–192.

- Martínez-Abaigar J., Núñez-Olivera E., Arróniz-Crespo M., Tomás R., Beaucourt N. & Otero S. (2006): Effects of ultraviolet radiation on aquatic bryophytes. – Limnética 25: 81–94.
- McDaniel S. F., Willis J. H. & Shaw A. J. (2007): A linkage map reveals a complex basis for segregation distortion in an interpopulation cross in the moss *Ceratodon purpureus*. – Genetics 176: 2489–2500.
- Meinunger L. & Schröder W. (2007): Verbreitungsatlas der Moose Deutschlands. Band 1, Band 2, Band 3. – O. Dürhammer, Regensburg. [2044 pp.]
- Menand B., Calder G. & Dolan L. (2007): Both chloronemal and caulinemal cells expand by tip growth in the moss *Physcomitrella patens*. – Journal of Experimental Botany 58: 1843–1849.
- Menand B., Yi K., Jouannic S., Hoffmann L., Ryan E., Linstead P., Schäfer D. G. & Dolan L. (2007): An ancient mechanism controls the development of cells with a rooting function in land plants. – Science 316: 1477–1480.
- Millar K. D. L., Crandall-Stotler B. J., Ferreira J. F. S. & Wood K. V. (2007): Antimicrobial properties of three liverworts in axenic culture: *Blasia pusilla*, *Pallavicinia lyellii* and *Radula obconica*. – Cryptogamie Bryologie 28: 197–210.
- Mittmann F., Dienstbach S. & Wagner G. (2007): Large scale extraction of high quality moss DNA. – Russian Journal of Plant Physiology 54: 564–568.
- Moora M., Daniell T., Kalle H., Liira J., Püssa K., Roosaluste E., Öpik M., Wheatley R. & Zobel M. (2007): Spatial pattern and species richness of boreonemoral forest understorey and its determinants – A comparison of differently managed forests. – Forest Ecology and Management 250: 64–70.
- Moore T. R., Bubier J. L. & Bledzki L. (2007): Litter decomposition in temperate peatland ecosystems: The effect of substrate and site. – Ecosystems 10: 949–963.
- Moreno-Risueno M. Á., Martínez M., Vicente-Carabajosa J. & Carbonero P. (2007): The family of DOF transcription factors: from green unicellular algae to vascular plants. – Molecular Genetics and Genomics 277: 379–390.
- Müller F. (2007): Zum Vorkommen von *Clasmatodon parvulus* (Fabroniaceae, Bryopsida) in Deutschland. – Herzogia 20: 293–298.
- Müller F. & Pócs T. (2007): A contribution to the knowledge of epiphyllous bryophytes of Bioko Island (Equatorial Guinea), including additional remarks on non-epiphyllous species. – Journal of Bryology 29: 81–94.
- Nakayama S., Yamato Ka. T., Fujishita M. & Ohyama K. (2007): Distinct differentiation of sex chromosomes in liverwort (*Marchantia polymorpha* L.). – Chromosome Research 15, Suppl. 2: 78–78.
- Naszradi T., Badacsonyi A., Keresztyén I., Podar D., Csintalan Zs. & Tuba Z. (2007): Comparison of two metal surveys by moss *Tortula ruralis* in Budapest, Hungary. – Environmental Monitoring and Assessment 134: 279–285.
- Natcheva R. (ed.) (2007): New bryophyte records in the Balkans: 2. – Phytologia Balcanica 13: 277–289.
- Natcheva R. & Cronberg N. (2007): Maternal transmission of cytoplasmic DNA in interspecific hybrids of peat mosses, *Sphagnum* (Bryophyta). – Journal of Evolutionary Biology 20: 1613–1616.
- Navaud O., Dabos P., Carnus E., Tremousaygue D. & Hervé C. (2007): TCP transcription factors predate the emergence of land plants. – Journal of Molecular Evolution 65: 23–33.
- Nothnagel A. L. & Nothnagel E. A. (2007): Primary cell wall structure in the evolution of land plants. – Journal of Integrative Plant Biology 49: 1271–1278.
- Oesau A. (2007): Ein Beitrag zur Morphologie und Ökologie von *Dialytrichia mucronata* (Brid.) Broth. und *Dialytrichia fragilifolia* (Bizot & J. Roux) F. Lara in Rheinhessen (Rheinland-Pfalz, Deutschland). – Archive for Bryology, Vol. 20. [6 pp.]
- Offner K. (2006): *Barbula amplexifolia* (Bryophytina) neu für Deutschland. – Hoppea 67: 289–293.
- Oguri E., Yamaguchi T., Tsubota H., Shimamura M. & Deguchi H. (2006): Morphological and molecular analyses to solve a taxonomical controversy of *Leucobryum juniperoides* (Brid.) Müll. Hal. and *L. humillimum* Cardot (Leucobryaceae, Musci) in Japan. – Hikobia 14: 387–398.
- Olofsson J. & Shams H. (2007): Determinants of plant species richness in an alpine meadow. – Journal of Ecology 95: 916–925.
- Opelt K., Berg C. & Berg G. (2007): The bryophyte genus *Sphagnum* is a reservoir for powerful and extraordinary antagonists and potentially facultative human pathogens. – Fems Microbiology Ecology 61: 38–53.
- Ozdilek H. G., Mathisen P. P. & Pellegrino D. (2007): Distribution of heavy metals in vegetation surrounding the Blackstone River, USA: Considerations regarding sediment contamination and long term metals transport in freshwater riverine ecosystems. – Journal of Environmental Biology 28, Suppl. S: 493–502.

- Parsons J. G., Cairns A., Johnson C. N., Robson S. K. A., Shilton L. A. & Westcott D. A. (2007): Bryophyte dispersal by flying foxes: a novel discovery. – *Oecologia* 152: 112–114.
- Peck . E. & Muir P. S. (2007): Conservation management of the mixed species nontimber forest product of "moss" – Are they harvesting what we think they're harvesting?. – *Biodiversity and Conservation* 16: 2031–2043.
- Pedersen N., Holyoak D. T. & Newton A. E. (2007): Systematics and morphological evolution within the moss family *Bryaceae*: A comparison between parsimony and Bayesian methods for reconstruction of ancestral character states. – *Molecular Phylogenetics and Evolution* 43: 891–907.
- Perhans K., Gustafsson L., Jonsson F., Nordin U. & Weibull H. (2007): Bryophytes and lichens in different types of forest set-asides in boreal Sweden. – *Forest Ecology and Management* 242: 374–390.
- Philippi G. (2007): Vorkommen und Vergesellschaftung von *Cinclidotus danubicus* im österreichischen Donaugebiet. – *Herzogia* 20: 299–304.
- Pócs T. (2007): Bryophyte communities at the edge of Tunisian Sahara, with the description of *Gymnostomum viridulum* Brid. subsp. *saharae*, subsp. nov. (*Pottiaceae, Bryophyta*). – *Nova Hedwigia Beih.* 131: 101–120.
- Popper Z. A. (2006): The cells walls of pteridophytes and other green plants – a review. – *Fern Gazette* 17: 315–332.
- Porley R. & Maier E. (2007): *Grimmia muehlenbeckii* Schimp. in Britain and Ireland. – *Journal of Bryology* 29: 188–193.
- Price M. J. (2007): Types catalogue of the Hedwig collection in G. – *Meylania* 39: 8–11.
- Pykälä J. (2007): Implementation of Forest Act habitats in Finland: Does it protect the right habitats for threatened species?. – *Forest Ecology and Management* 242: 281–287.
- Qiu Y.-L., Li L., Wang B., Chen Z., Dombrovska O., Lee J., Kent L., Li R., Jobson R. W., Hendry T. A., Taylor D. W., Testa C. M. & Ambros M. (2007): A nonflowering land plant phylogeny inferred from nucleotide sequences of seven chloroplast, mitochondrial, and nuclear genes. – *International Journal of Plant Sciences* 168: 691–708.
- Quandt D., Bell N. & Stech M. (2007): Unravelling the knot: the *Pulchrinodaceae* fam. nov. (*Bryales*). – *Nova Hedwigia Beih.* 131: 21–39.
- Reimann M. (2006): *Atractylocarpus alpinus* (*Bryophyta, Dicranaceae*) – Ein neues Laubmoos für Deutschland. – *Hoppea* 67: 295–300.
- Rensing S. A., Ick J., Fawcett J. A., Lang D., Zimmer A., De Peer Y. van & Reski R. (2007): An ancient genome duplication contributed to the abundance of metabolic genes in the moss *Physcomitrella patens*. – *BMC Evolutionary Biology* 7: 1–130.
- Riutta T., Laine J. & Tuittila E.-S. (2007): Sensitivity of CO₂ exchange of fen ecosystem components to water level variation. – *Ecosystems* 10: 718–733.
- Robroek B. J. M., Limpens J., Breeuwer A., Crushell P. H. & Schouten M. G. C. (2007): Interspecific competition between *Sphagnum* mosses at different water tables. – *Functional Ecology* 21: 805–812.
- Rodushkin I., Engström E., Sörlin D., Pontèr C. & Baxter D. C. (2007): Osmium in environmental samples from Northeast Sweden – Part I. Evaluation of background status. – *Science of the Total Environment* 386: 145–158.
- Rogers A. D. (2007): Evolution and biodiversity of Antarctic organisms: a molecular perspective. – *Philosophical Transactions of the Royal Society B – Biological Sciences* 362: 2191–2214.
- Ros R. M. & Werner O. (2007): The circumscription of the genus *Pottiopsis* (*Pottiaceae, Bryophyta*) based on morphology and molecular sequence data. – *Nova Hedwigia Beih.* 131: 65–79.
- Rowntree J. K., Duckett J. G., Mortimer C. L., Ramsay M. M &, Pressel S. (2007): Formation of specialized propagules resistant to desiccation and Cryopreservation in the threatened moss *Ditrichum plumbicola* (*Ditrichales, Bryopsida*). – *Annals of Botany* 100: 483–496.
- Rydgren K., Økland R. H., Picó F. X. & de Kroon H. (2007): Moss species benefits from breakdown of cyclic rodent dynamics in boreal forests. – *Ecology* 88: 2320–2329.
- Samecka-Cymerman A. & Kempers A. J. (2007): Heavy metals in aquatic macrophytes from two small rivers polluted by urban, agricultural and textile industry sewages SW Poland. – *Archives of Environmental Contamination and Toxicology* 53: 198–206.
- Sarate O. S. & Budhraja N. (2007): A Marchantialean thallus from the Lower Gondwana Sequence of Godavari basin, Andhra Pradesh. – *Journal of the Geological Society of India* 70: 90–96.
- Sasaki G., Katoh K., Hirose N., Suga H., Kuma K.-i., Miyata T. & Su Z.-H. (2007): Multiple receptor-like kinase cDNAs from liverwort *Marchantia polymorpha* and two charophycean green algae, *Closterium*

- ehrenbergii* and *Nitella axillaris*: Extensive gene duplications and gene shufflings in the early evolution of streptophytes. – *Gene* 401: 135–144.
- Savaroglu F., Iscen C. F. & Ilhan S. (2007): Antimicrobial activity of the aquatic moss *Fontinalis antipyretica* Hedw. var. *antipyretica* extracts. – *Drugs of the Future* 32, Suppl. A: 126–126.
- Schinkovitz A., Scher J., Zapp J., Becker H., Wang Y., Franzblau S. G., Crandall-Stotler B., Stotler R., Pro S., & Pauli G. F. (2007): Evaluation of the anti-TB potential of bryophytes. – *Planta Medica* 73: 876–876.
- Schröder W., Hornsmann I., Pesch R., Schmidt G., Markert B., Fränzle S., Wünschmann S. & Heidenreich H. (2007): Nitrogen and metals in two regions in Central Europe: Significant differences in accumulation in mosses due to land use?. – *Environmental Monitoring and Assessment* 133: 495–505.
- Schumacker R. & Soldán Z. (2006): Les bryophytes de La Vallée D'Aspe (Parc National des Pyrénées, Pyrénées-Atlantiques, France). – *Lejeunia* 180: 1–15.
- Schuur E. A. G., Crummer K. G., Vogel J. G. & Mack M. C. (2007): Plant species composition and productivity following permafrost thaw and thermokarst in Alaskan tundra. – *Ecosystems* 10: 280–292.
- Scott D., Welch D., van der Wal R. & Elston D. A. (2007): Response of the moss *Racomitrium lanuginosum* to changes in sheep grazing and snow-lie due to a snow-fence. – *Applied Vegetation Science* 10: 229–238.
- Sharma S. (2007): *Marchantia polymorpha* L.: A bioaccumulator. – *Aerobiologia* 23: 181–187.
- Singer S. D., Krogan N. T. & Ashton N. W. (2007): Clues about the ancestral roles of plant MADS-box genes from a functional analysis of moss homologues. – *Plant Cell Reports* 26: 1155–1169.
- Singh S. K. & Singh D. K. (2007): Some new and noteworthy records of *Hepaticae* and *Anthocerotae* from Western Himalaya, India. – *Cryptogamie Bryologie* 28: 253–265.
- Smith G. F., Iremonger S., Kelly D. L., O'Donoghue S. & Mitchell F. J. G. (2007): Enhancing vegetation diversity in glades, rides and roads in plantation forests. – *Biological Conservation* 136: 283–294.
- Smith-Ramírez C., Díaz I., Pliscoff P., Valdovinos C., Méndez M. A., Larraín J. & H. Samaniego (2007): Distribution patterns of flora and fauna in southern Chilean coastal rain forests: Integrating natural history and GIS. – *Biodiversity and Conservation* 16: 2627–2648.
- Snell K. R. S., Convey P. & Newsham K. K. (2007): Metabolic recovery of the Antarctic liverwort *Cephaloziella varians* during spring snowmelt. – *Polar Biology* 30: 1115–1122.
- Sottocornola M., Boudreau S. & Rochefort L. (2007): Peat bog restoration: Effect of phosphorus on plant re-establishment. – *Ecological Engineering* 31: 29–40.
- Spagnuolo V., Muscariello L., Terracciano S. & Giordano S. (2007): Molecular biodiversity in the moss *Leptodon smithii* (Neckeraceae) in relation to habitat disturbance and fragmentation. – *Journal of Plant Research* 120: 595–604.
- Spence J. R. (2007): Nomenclatural changes in the *Bryaceae* (*Bryopsida*) for North America II. – *Phytologia* 89: 110–114.
- Sporn S., Goda, Bos Merijn M. & Gradstein S. Robbert (2007): Is productivity of cacao impeded by epiphytes? An experimental approach. – *Agriculture Ecosystems & Environment* 122: 490–493.
- Stenøien H. K. (2007): Compact genes are highly expressed in the moss *Physcomitrella patens*. – *Journal of Evolutionary Biology* 20: 1223–1229.
- Su Y.-G., Li X.-R., Cheng Y.-W., Tan H.-J. & Jia R.-L. (2007): Effects of biological soil crusts on emergence of desert vascular plants in North China. – *Plant Ecology* 191: 11–19.
- Sun S.-Q., Wang D.-Y., He M., Li X.-Y. & Zhang C. (2007): Retention capacities of several bryophytes for Hg(II) with special reference to the elevation and morphology of moss growth. – *Environmental Monitoring and Assessment* 133: 399–406.
- Suzuki K., Kubota J., Yabuki H., Ohata T. & Vuglinsky V. (2007): Moss beneath a leafless larch canopy: influence on water and energy balances in the southern mountainous taiga of eastern Siberia. – *Hydrological Processes* 21: 1982–1991.
- Szczepaniak K., Astel A., Simeonov V., Tsakovski S., Biziuk M., Bode P. & Przyjazny A. (2007): Comparison of dry and living Sphagnum palustre moss samples in determining their biocumulative capability as biomonitoring tools. – *Journal of Environmental Science and Health Part A – Toxic/Hazardous Substances & Environmental Engineering* 42: 1101–1115.
- Szövényi P., Hock Zs., Schneller J. J. & Tóth Z. (2007): Multilocus dataset reveals demographic histories of two peat mosses in Europe. – *BMC Evolutionary Biology* 7: –144.
- Teich R., Grauvogel C. & Petersen J. (2007): Intron distribution in Plantae: 500 million years of stasis during land plant evolution. – *Gene* 394: 96–104.
- Telyatnikov M. Yu. (2007): Ekologicheskiye osobennosti cenoflor subarkticheskikh tundr Sibiri. – *Sibirskiy Ekologicheskiy Zhurnal* 14:

- Townsend C. C. (2007): Some further remarks on *Pohlia flexuosa* in Europe, and on other propaguliferous species. – *Journal of Bryology* 29: 194–195.
- Trouiller B., Charlot F., Choinard S., Schaefer D. G. & Nogué F. (2007): Comparison of gene targeting efficiencies in two mosses suggests that it is a conserved feature of Bryophyte transformation. – *Biotechnology Letters* 29: 1591–1598.
- Tuittila E.-S., Välijanta M., Laine J. & Korhola A. (2007): Quantifying patterns and controls of mire vegetation succession in a southern boreal bog in Finland using partial ordinations. – *Journal of Vegetation Science* 18: 891–902.
- Urmí E. & Schnyder N. (2007): Mapping bryophytes – a review. – *Lindbergia* 32: 40–54.
- van Gaalen K. E., Flanagan L. B. & Peddle D. R. (2007): Photosynthesis, chlorophyll fluorescence and spectral reflectance in *Sphagnum* moss at varying water contents. – *Oecologia* 153: 19–28.
- Vanderpoorten A., Rumsey F. J. & Carine M. A. (2007): Does Macaronesia exist? Conflicting signal in the bryophyte and pteridophyte floras. – *American Journal of Botany* 94: 625–639.
- Vieira C., Sérgio C. & Séneca A. (2007): Some remarkable bryophytes from the aquatic habitats in northwestern Portugal. – *Cryptogamie Bryologie* 28: 281–287.
- Virtanen V., Korpelainen H. & Kostamo K. (2007): Forensic botany: Usability of bryophyte material in forensic studies. – *Forensic Science International* 172: 161–163.
- Voigt W., Perner J. & Jones T. H. (2007): Using functional groups to investigate community response to environmental changes: two grassland case studies. – *Global Change Biology* 13: 1710–1721.
- von Oheimb G., Friedel A., Bertsch A. & Härdtle W. (2007): The effects of windthrow on plant species richness in a Central European beech forest. – *Plant Ecology* 191: 47–65.
- Votintseva A. A. (2007): Interspecific interactions of wood-decomposing fungi with epiphytic lichens and mosses. – *Russian Journal of Ecology* 38: 285–288.
- Wachowiak W., Bączkiewicz A., Chudzińska E. & Buczkowska K. (2007): Cryptic speciation in liverworts – a case study in the *Aneura pinguis* complex. – *Botanical Journal of the Linnean Society* 155: 273–282.
- Wang D., Wu Y.-W., Shih A. C.-C., Wu C.-S., Wang Y.-N. & Chaw S.-M. (2007): Transfer of chloroplast genomic DNA to mitochondrial genome occurred at least 300 MYA. – *Molecular Biology and Evolution* 24: 2040–2048.
- Warren-Rhodes K., Weinstein S., Piatek J. L., Dohm J., Hock A., Minkley E., Pane D., Ernst L. A., Fisher G., Emani S., Waggoner A. S., Cabrol N. A., Wettergreen D. S., Grin E., Coppin P., Diaz Chong, Moersch J., Oril G. G., Smith T., Stubbs K., Thomas G., Wagner M., Wyatt M. & Boyle L. Ng (2007): Robotic ecological mapping: Habitats and the search for life in the Atacama Desert. – *Journal of Geophysical Research-Biogeosciences* 112: G04S06.
- Werner Olaf, Patiño J., González-Mancebo J. M. & Ros R. M. (2007): The taxonomic status of *Platyhypnidium torrenticola* based on ITS sequence data. – *Cryptogamie Bryologie* 28: 187–195.
- Wierzcholska S. & Plášek V. (2006): The Bialskie Mts. (Eastern Sudetes, Poland), an extraordinary bryological area. – *Biodiv. Res. Conserv.* 3–4: 369–372.
- Williams C. B. & Sillett S. C. (2007): Epiphyte communities on redwood (*Sequoia sempervirens*) in northwestern California. – *Bryologist* 110: 420–452.
- Wilson R., Gradstein S. R., Schneider H. & Heinrichs J. (2007): Unravelling the phylogeny of *Lejeuneaceae* (*Jungermanniopsida*): Evidence for four main lineages. – *Molecular Phylogenetics and Evolution* 43: 270–282.
- Wilson R., Heinrichs J., Hentschel J., Gradstein S. R. & Schneider H. (2007): Steady diversification of derived liverworts under Tertiary climatic fluctuations. – *Biology Letters* 3: 566–569.
- Xu S.-J., Chen W.-H., Wang Y., Chen Y.-W. & Cai W.-M. (2007): Studies of plasma membrane structures responding to heat shock in desert moss by electron paramagnetic resonance and Fourier transform infrared. – *Chinese Journal of Analytical Chemistry* 35: 350–354.
- Yamato K. T., Ishizaki K., Fujisawa M., Okada S., Nakayama S., Fujishita M., Bando H., Yodoya K., Hayashi K., Bando T., Hasumi A., Nishio T., Sakata R., Yamamoto M., Yamaki A., Kajikawa M., Yamanou T., Nishide T., Choi S.-H., Shimizu-Ueda Y., Hanajiri T., Sakaida M., Kono K., Takenaka M., Yamaoka S., Kuriyama C., Kohzu Y., Nishida H., Brennicke A., Shin-i T., Kohara Y., Kohchi T., Fukuzawa H. & Ohyama K. (2007): Gene organization of the liverwort Y chromosome reveals distinct sex chromosome evolution in a haploid system. – *Proceedings of the National Academy of Sciences of the United States of America* 104: 6472–6477.

- Yasumura Y., Crumpton-T. M., Fuentes S. & Harberd N. P. (2007): Step-by-step acquisition of the gibberellin-DELLA growth-regulatory mechanism during land-plant evolution. – Current Biology 17: 1225–1230.
- Zander R. H. (2007): Nine easy steps for constructing reliable trees from published phylogenetic analyses. – Annals of the Missouri Botanical Garden 94: 690–708.
- Zechmeister H. G., Dirmböck T., Hülber K. & Mirtl M. (2007): Assessing airborne pollution effects on bryophytes – lessons learned through long-term integrated monitoring in Austria. – Environmental Pollution 147: 696–705.
- Zechmeister H. G., Moser D. & Milasowszky N. (2007): Spatial distribution patterns of *Rhynchostegium megapolitanum* at the landscape scale – an expanding species?. – Applied Vegetation Science 10: 111–120.
- Zerbe S., Schmidt I. & Betzin J. (2007): Indicators for plant species richness in pine (*Pinus sylvestris* L.) forests of Germany. – Biodiversity and Conservation 16: 3301–3316.
- Zhou P., Menzel F. & Shaw A. J. (2007): Systematics and population genetics of *Sphagnum macrophyllum* and *S. cribulosum* (Sphagnaceae). – Systematic Botany 32: 493–503.
- Zhu Y.-Q., Liu L., Wang Y.-F. & Shao X.-M. (2007): Genetic diversity and population structure of *Brachythecium rivulare* schimp. (Brachytheciaceae) from Foping Nature Reserve, Shaanxi, China, detected by RAPD markers. – Journal of Bryology 29: 104–110.
- Zimmer A., Lang D., Richardt S., Frank W., Reski R. & Rensing S. A. (2007): Dating the early evolution of plants: detection and molecular clock analyses of orthologs. – Molecular Genetics and Genomics 278: 393–402.
- Zmrhalová M., Plášek V., Kučera J., Shaw B. & Váňa J. (2005): Bryophytes of the High Sudetes (the Czech Republic). – In: De Zuttere P. [ed.], Coloquie International de Bryologie/International Meeting of Bryology, p. 75–77, Vierves-sur-Viroin.

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

1. Články a knižní publikace [Papers and books]

- Bernátová D., Kliment J., Topercer J., Obuch J. & Kučera P. (2006): Aktuálne poznatky o rozšírení a stave populácií niektorých prírodoochranne významných taxónov cievnatých rastlín, machorastov a chár v Turčianskej kotline. – Ochrana Prírody 25: 50–96.
- Devánová K., Eliáš P. jun. & Kresáňová K. (2006): Nové poznatky o výskytu ohrozených rastlinných druhov agrocenóz v CHKO Biele Karpaty. – Bulletin Slovenskej Botanickej Spoločnosti 28, Suppl. 1: 103–112.
- Harabiš F., Dolný A. & Plášek V. (2006): Could the fen rise in a place of a strip mine lake? – In: Kočárek P., Plášek V. & Malachová K. (eds.), Environmental changes and biological assessment III, Scripta Facultatis Rerum Naturalium Universitatis Ostraviensis 163, p. 212–214, Ostravská Univerzita, Ostrava.
- Kubešová S. & Novotný I. (2007): Putování výstavy Zelená krása mechorostů, aneb jak se státi bryologem. – Věstník asociace muzeí a galerií České republiky 3: 7.
- Kučera J. (2007): Nová bryologická literatura XVII. – Bryonora 39: 62–71.
- Kučera J. (ed.) (2007): Zajímavé bryofloristické nálezy IX. – Bryonora 39: 52–55.
- Kučera J. & Váňa J. (2007): Rozšíření druhů rodu *Cinclidotus* P.Beauv. v České republice. – Bryonora 39: 20–25.
- Loskotová E. (2006): Bryophyta – mechorosty. – In: Mlíkovský J. & Stýblo P. (eds.), Nepůvodní druhy fauny a flóry České republiky, p. 22–24, ČSOP, Praha.
- Loskotová E. & Holá E. (2006): Zelená krása v kotlině Křemelné. – Šumava, 11: 11–12.
- Novotný I. (2007): Mechorosty širšího okolí Slavkova u Brna. – In: Grulich V. (ed.), Výsledky floristického kursu České botanické společnosti ve Slavkově u Brna (9. –14. července), Zprávy České botanické společnosti 42, Suppl. 2007/2, p. 58–60, Praha.
- Novotný I., Košnar J., Kubešová S., Holá E., Marková I., Mikulášková E., Plášek V. & Hanychová M. (2007): Mechorosty zaznamenané během 14. jarního setkání bryologicko lichenologické sekce v Ruprechtově na Drahanské vrchovině. – Bryonora 39: 25–38.
- Plášek V. & Mudrová R. (2006): *Orthotrichum scanicum* Grönvall (Orthotrichaceae, Musci), rediscovered in the Czech Republic. – Časopis Slezského Zemského Muzea, Ser. A, 55: 229–234.

- Plášek V., Wierzcholska S. & Mikulášková E. (2007): Occurrence of the vegetative propagules in the moss *Orthotrichum stramineum* Hornsch. – a new piece of knowledge. – Časopis Slezského Zemského Muzea, Ser. A, 56: 43–47.
- Růžička I. & Novotný I. (2006): Nový bryofloristický materiál z Českomoravské vrchoviny – doplňky za léta 1961–2004. – Acta Rerum Naturalium 2: 9–18.
- Šoltés R. (2007): *Buxbaumia viridis* (Bryophyta) v NP Slovenský raj. – Bulletin Slovenskej Botanickej Spoločnosti 29: 43–46.
- Šoltés R. (2007): Príspevok k recentnému rozšíreniu *Hamatocaulis vernicosus* (Bryophyta) na Slovensku. – Bulletin Slovenskej Botanickej Spoločnosti 29: 40–42.
- Štechová T. (2006): Bryofloristický průzkum PR Velká louka. – Orchis 25: 2–5.
- Suňalová K. (2007): Flóra a vegetácia lokalít Babiná a Krivoklátske lúky v Bielych Karpatoch. – Bulletin Slovenskej Botanickej Spoločnosti, 29, Suppl. 1: 71–101.
- Váňa J. (2005): Mechorosty středních Čech. – In: Ložek V., Kubíková J., Špryňar P. & col., Střední Čechy, In: Mackovčin P. & Sedláček M. (eds.), Chráněná území ČR, 13, p. 72–75, Praha.
- Váňa J. (2007): Speciální bryologie II/2. *Bryophyta* (2. část). – Karolinum, Praha [Skriptum PřF UK Praha, 47 pp.]
- Zmrhalová M., Kubešová S., Mudrová R., Novotný I. & Kučera J. (2007): Příspěvek k bryoflóře NPR Trčkov (Orlické hory). – Panorama 15: 39–45.

2. Bryologické rukopisné práce [Bryological manuscripts]

- Bufková I., Stíbal F. & Loskotová E. (2005): Inventarizace zásahů do vodního režimu rašelinišť na území NP Šumava a vyhodnocení úspěšnosti prováděných revitalizačních opatření. – Ms., 15 pp. [project report, depon. in: Správa NP a CHKO Šumava, Kašperské Hory]
- Bufková I., Stíbal F. & Loskotová E. (2006): Inventarizace zásahů do vodního režimu rašelinišť na území NP Šumava a vyhodnocení úspěšnosti prováděných revitalizačních opatření. – Ms. [project report, depon. in: Správa NP a CHKO Šumava, Kašperské Hory]
- Holá E. (2006): Návrh metodiky monitoringu pro játrovku *Anastrophyllum hellerianum* (Nees ex Lindenb.) [Marchantiophyta, Jungermanniales]. – Ms., 18 pp. [depon. in: AOPK ČR, Praha]
- Holá E. (2006): Návrh metodiky monitoringu pro játrovku *Harpanthus scutatus* (F.Weber & D.Mohr) Spruce [Marchantiophyta, Jungermanniales]. – Ms., 21 pp. [depon. in: AOPK ČR, Praha]
- Hradílek Z. (2004): Inventarizační botanický průzkum Přírodní rezervace Filipovické louky. Mechorosty a cévnaté rostliny. – Ms., 38 pp. [depon. in: Správa CHKO Jeseníky, Jeseník-Bukovice]
- Hradílek Z. (2004): Inventarizační průzkum NPP Borový pro obor bryologie (mechorosty). – Ms., 12 pp. [depon. in: AOPK, Olomouc, Praha]
- Hradílek Z. (2004): Inventarizační průzkum NPP Na skále pro obor bryologie (mechorosty). – Ms., 11 pp. [depon. in: AOPK, Olomouc, Praha]
- Hradílek Z. (2004): Inventarizační průzkum NPP Na Špičáku pro obor bryologie (mechorosty). – Ms., 14 pp. [depon. in: AOPK, Olomouc, Praha]
- Hradílek Z. (2004): Inventarizační průzkum NPP Venušiny misky pro obor bryologie (mechorosty). – Ms., 13 pp. [depon. in: AOPK Olomouc]
- Hradílek Z. (2004): Inventarizační průzkum NPR Hůrka u Hranic pro obor bryologie (mechorosty). – Ms., 19 pp. [depon. in: AOPK, Olomouc, Praha]
- Hradílek Z. (2004): Inventarizační průzkum NPR Zástudánčí pro obor bryologie (mechorosty). – Ms., 13 pp. [depon. in: AOPK, Olomouc, Praha]
- Hradílek Z. (2004): Přírodní rezervace Jelení Bučina. Mechorosty. – Ms., 15 pp. [depon. in: Správa CHKO Jeseníky, Jeseník-Bukovice]
- Hradílek Z. (2005): Inventarizační průzkum NPP Jeskyně Na Pomezí pro obor bryologie (mechorosty). – Ms., 22 pp. [depon. in: AOPK, Olomouc, Praha]
- Hradílek Z. (2005): Inventarizační průzkum NPR Špraněk pro obor bryologie (mechorosty). – Ms., 21 pp. [depon. in: AOPK, Olomouc, Praha]
- Hradílek Z. (2005): Inventarizační průzkum NPR Žebračka pro obor bryologie (mechorosty). – Ms. 22 pp. [depon. in: AOPK, Olomouc, Praha]
- Hradílek Z. (2005): Mechorosty NPR Zahradý pod Hájem v Bílých Karpatech. – Ms., 18pp. [depon. in: Správa CHKO Bílé Karpaty, Veselí nad Moravou]
- Hradílek Z. (2005): Monitoring játrovky *Mannia triandra* (Scop.) Grolle v PR Šumárník (CHKO Jeseníky) – Zpráva za r. 2005. – Ms., 7 pp.+ append. [depon. in: AOPK ČR, Praha]

- Hradílek Z. (2005): Návrh metodiky monitoringu pro játovku *Mannia triandra* (Scop.) Grolle [Marchantiophyta, Marchantiales]. – Ms., 17 pp. [depon. in: AOPK ČR, Praha]
- Hradílek Z. (2005): Návrh metodiky monitoringu pro mech *Funaria muhlenbergii* Turner [Bryophyta, Funariales]. – Ms., 16 pp. [depon. in: AOPK ČR, Praha]
- Hradílek Z. (2005): Návrh metodiky monitoringu pro mech *Pyramidula tetragona* (Brid.) Brid. [Bryophyta, Funariales]. – Ms., 16 pp. [depon. in: AOPK ČR, Praha]
- Hradílek Z. (2006): Inventarizační průzkum NPP a PP Třesín pro obor bryologie (mechorosty). – Ms., 29 pp. [depon. in: AOPK, Praha, Správa CHKO Litovelské Pomoraví, Litovel]
- Hradílek Z. (2006): Monitoring játovky *Mannia triandra* (Scop.) Grolle v PR Šumárník (CHKO Jeseníky) – Zpráva za r. 2006. – Ms., 10 pp. [depon. in: AOPK ČR, Praha]
- Hradílek Z. (2006): Monitoring mechu *Funaria muhlenbergii* Turner [Bryophyta, Funariales]. – Zpráva za r. 2006. – Ms., 15 pp. [depon. in: AOPK ČR, Praha]
- Hradílek Z. (2006): Monitoring mechu *Pyramidula tetragona* (Brid.) Brid. – Zpráva za r. 2006. – Ms., 28 pp. [depon. in: AOPK ČR, Praha]
- Hradílek Z. (2006): Návrh metodiky monitoringu pro játovku *Oxymitra incrassata* (Brot.) Sérgio & Sim-Sim. [Marchantiophyta, Oxymitraceae]. – Ms., 16 pp. [depon. in: AOPK ČR, Praha]
- Hradílek Z. (2006): Návrh metodiky monitoringu pro játovku *Scapania gymnostomophila* Kaal. [Marchantiophyta, Scapaniaceae]. – Ms., 15 pp. [depon. in: AOPK ČR, Praha]
- Hradílek Z. (2006): Návrh metodiky monitoringu pro mech *Anacamptodon splachnoides* (Froel. Ex Brid.) Brid. [Bryophyta, Amblystegiaceae]. – Ms., 16 pp. [depon. in: AOPK ČR, Praha]
- Hradílek Z. (2006): Návrh metodiky monitoringu pro mech *Neckera pennata* Hedw. [Bryophyta, Hypnales]. – Ms., 16 pp. [depon. in: AOPK ČR, Praha]
- Hradílek Z. (2006): Návrh metodiky monitoringu pro mech *Timmia bavarica* Hessl. [Bryophyta, Timmiales]. – Ms., 16 pp. [depon. in: AOPK ČR, Praha]
- Hradílek Z. (2007): Mechorosty NPR Jazevčí v Bílých Karpatech. – Ms., 20 pp. [depon. in: Správa CHKO Bílé Karpaty, Veselí nad Moravou]
- Košnar J. (2006): Návrh metodiky monitoringu pro mech *Didymodon glaucus* Ryan [Bryophyta, Pottiales]. – Ms., 15 pp. [depon. in: AOPK ČR, Praha]
- Kubešová S. (2006): Návrh metodiky monitoringu pro ježenku vápencovou *Cololejeunea calcarea* (Lib.) Schiffn. – Ms., 19 pp. [depon. in: AOPK ČR, Praha]
- Kubešová S. & Novotný I. (2006): Návrh metodiky monitoringu pro mech *Cinclidotus fontinaloides* (Hedw.) P.Beauv. – Ms., 18 pp. [depon. in: AOPK ČR, Praha]
- Kubešová S., Novotný I. & Sutorý K. (2006): Inventarizační průzkum cévnatých rostlin a mechorostů. Bílá skála, Černá skála, Devět skal, Drátenická skála, Lisovská skála, Malinská skála, Milovské Perničky, Pasecká skála, Rybenské Perničky, Vlčí kámen. – Ms., 55 pp. [depon. in: Správa CHKO Žďárské vrchy, Žďár n. S.]
- Kučera J. (2006): Návrh metodiky monitoringu pro játovku *Metzgeria violacea* (Ach.) Dumort. [Marchantiophyta, Metzgeriales]. – Ms., 17 pp. [depon. in: AOPK ČR, Praha]
- Kučera J. (2006): Návrh metodiky monitoringu pro mech *Grimmia crinita* Brid. [Bryophyta, Orthotrichales]. – Ms., 19 pp. [depon. in: AOPK ČR, Praha]
- Kučera J. (2006): Návrh metodiky monitoringu pro mech *Orthotrichum urnigerum* Myrin [Bryophyta, Grimiales]. – Ms., 17 pp. [depon. in: AOPK ČR, Praha]
- Kučera J. (2006): Zpráva o monitoringu mechorostů *Orthotrichum urnigerum* a *Grimmia crinita* v roce 2006. – Ms., 32 pp. [depon. in: AOPK ČR, Praha]
- Mikulášková E. & Soldán Z. (2007): Charakter invaze mechu *Campylopus introflexus*. – Ms., 21 pp. [project report GAUK, depon. in: Univerzita Karlova, Praha]
- Plášek V. (2006): Návrh metodiky monitoringu pro mech *Ulota coarctata* (P. Beauv.) Hammar [Bryophyta, Orthotrichales]. – Ms., 18 pp. [depon. in: AOPK ČR, Praha]
- Plášek V. (2006): Návrh metodiky monitoringu pro mech *Ulota hutchinsiae* (Sm.) Hammar [Bryophyta, Orthotrichales]. – Ms., 18 pp. [depon. in: AOPK ČR, Praha]
- Plášek V. (2006): Návrh metodiky monitoringu pro mech *Zygodon dentatus* (Limpr.) Kartt. [Bryophyta, Orthotrichales]. – Ms., 17 pp. [depon. in: AOPK ČR, Praha]
- Plášek V. (2007): Inventarizační průzkum mechorostů v PR Čerňavina, Moravskoslezské Beskydy. – Ms., 15 pp. [depon. in: Správa CHKO Beskydy, Rožnov p. Radhoštěm]
- Plášek V. (2007): Inventarizační průzkum mechorostů v PR Velký Polom, Moravskoslezské Beskydy. – Ms., 18 pp. [depon. in: Správa CHKO Beskydy, Rožnov p. Radhoštěm]

- Pohlová R. (2006): Metodika monitoringu evropsky významného druhu šikoušek zelený (*Buxbaumia viridis*). – Ms., 37 pp. [depon. in: AOPK ČR, Praha]
- Pohlová R. (2006): Metodika monitoringu evropsky významného druhu dvouhrotec zelený (*Dicranum viride*). – Ms., 22 pp. [depon. in: AOPK ČR, Praha]
- Pohlová R. (2006): Zpráva z monitoringu druhu *Buxbaumia viridis* v roce 2006. – Ms., 24 pp. + append. [depon. in: AOPK ČR, Praha]
- Štechová T. (2006): Extenzivní monitoring druhu *Hamatocaulis vernicosus*. – Ms., 35 pp. + append. [depon. in: AOPK ČR, Praha]
- Štechová T. (2006): Návrh metodiky monitoringu pro mech *Helodium blandowii* (Bryophyta, Thuidiaceae). – Ms., 20 pp. + append. [depon. in: AOPK ČR, Praha]
- Štechová T. (2006): Návrh metodiky monitoringu pro mech *Meesia triquetra* (Bryophyta, Meesiaceae). Ms, 25 pp. + append. [depon. in: AOPK ČR, Praha].
- Štechová T. (2006): Návrh metodiky monitoringu pro mech *Paludella squarrosa* (Bryophyta, Meesiaceae). – Ms., 17 pp. + append. [depon. in: AOPK ČR, Praha]
- Štechová T. (2006): Návrh metodiky monitoringu pro mech *Scorpidium scorpioides* (Bryophyta, Amblystegiaceae). – Ms, 25 pp. + append. [depon. in: AOPK ČR, Praha]
- Štechová T. (2006): Výsledky extenzivního monitoringu druhu *Hamatocaulis vernicosus* (Amblystegiaceae) v roce 2006. – Ms., 99 pp. + append. [depon. in: AOPK ČR, Praha]
- Váňa J. (2005): Mechrorsty obory v Uhříněvsi (stav v r. 2005). – Ms., 3 pp. [depon. in: ŽS-IOŽP-MIS, Praha]
- Váňa J. (2005): Mechrorsty Pitkovickeho údolí (stav v r. 2005). – Ms., 4 pp. [depon. in: ŽS-IOŽP-MIS, Praha]
- Váňa J. (2005): Mechrorsty rašeliniště v okolí Bedřichova, v oblasti Holubník – Černá hora a v okolí Plochého vrchu (Mechrorsty vybraných rašeliniště Jizerských hor II). – Ms., 33 pp. [depon. in: Správa CHKO Jizerské hory, Liberec]
- Váňa J. (2005): Mechrorsty rašeliniště v území mezi Černým potokem a Jizerou (Mechrorsty vybraných rašeliniště Jizerských hor I). – Ms., 42 pp. [depon. in: Správa CHKO Jizerské hory, Liberec]
- Váňa J. (2006): Mechrorsty rašeliniště v území mezi Černým potokem a Jizerou (Mechrorsty vybraných rašeliniště Jizerských hor I). Upgrade 1.0. – Ms., 44 pp. [depon. in: Správa CHKO Jizerské hory, Liberec]
- Váňa J. (2006): Mechrorsty zkoumaného území na soutoku Vltavy a Berounky – 2006. – Ms., 5 pp. [depon. in: ŽS-IOŽP-MIS, Praha]

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

- Dítě D., Havránek P., Grulich V. & Eliáš P. jun. (2006): Nové lokality rosičky anglickej (*Drosera anglica*) na Slovensku. – Bulletin Slovenskej Botanickej Spoločnosti 28, Suppl. 1: 113–117.
- Dítě D., Pukajová D., Hájek M. & Hájková P. (2006): Minerotrofné rašeliniská (Trieda *Scheuchzerio-Caricetea fuscae*) v tatranskej oblasti. – Ochrana Prírody 25: 17–30.
- Kociánová M., Štursová H., Váňa J. & Jankovská V. (2005): Kryogenní kopečky – pounus – ve Skandinávii a v Krkonoších. – Opera Corcontica 42: 31–54.
- Kochjarová J. & Valachovič M. (2006): Krovinová a lemová vegetácia ekotonových stanovišť Muránskej planiny. – Reussia 3: 71–114
- Kubalová S. (2006): Doplnok k výskytu niektorých vzácnych a ohrozených druhov mokradí dolného Pohronia. – Bulletin Slovenskej Botanickej Spoločnosti 28: 115–120.
- Michálková D. (2006): Diverzita prirodzených rastlinných spoločenstiev vrchu Rohatín v Strážovských vrchoch. – Bulletin Slovenskej Botanickej Spoločnosti 28, Suppl. 2: 59–90.
- Perný M. (2007): Vegetácia Chocholanskej, Melčickej a Kochanovskej doliny v Bielych Karpatoch. – Bulletin Slovenskej Botanickej Spoločnosti 29, Suppl. 1: 103–142.