

- Wirth V., Hauck M., de Bruyn U., Schiefelbein U., John V. & Otte V. (2009): Flechten aus Deutschland mit Verbreitungsschwerpunkt im Wald. – Herzogia 22: 79–107.
- Zarabska D. & Dolnik C. (2009): Some interesting records of *Cladonia* species from the Nizina Wielkopolska Lowland (W Poland). – Acta Mycologica 44: 223–232.
- Zotz G. & Bader M. Y. (2008): Epiphytic plants in a changing world-global: change effects on vascular and non-vascular epiphytes. – Progress in Botany 70: 147–170.

NOVÁ BRYOLOGICKÁ LITERATURA XXII.

New bryological literature, XXII

Jan Kučera¹, Svatava Kubešová², Michal Hájek³, Eva Holá^{1,4}, Lenka Němcová⁵ & Vítězslav Plášek⁶

¹ Jihoceská Univerzita, Přírodovědecká fakulta, Branišovská 31, CZ-370 05 České Budějovice, e-mail: kucera@prf.jcu.cz; ² Botanické oddělení, Moravské zemské muzeum, Hvězdoslavova 29a, CZ-627 00 Brno, skubesova@mzm.cz; ³ Masarykova univerzita, Ústav botaniky a zoologie, Kotlářská 2, CZ-611 37 Brno, hajek@sci.muni.cz; ⁴ AOPK ČR, Nuselská 39, CZ-140 00, Praha 4; ⁵ Univerzita J.E.Purkyně, Přírodovědecká fakulta, Za Válcovnou 1000/8, CZ-400 96, Ústí nad Labem; ⁶ Ostravská univerzita, KBE PřF, Chittussiho 10, CZ-710 00 Ostrava, vitezslav.plasek@osu.cz

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

- Ahmed M. G. U., Chang Y. D. & Lee C. H. (2010): Factors affecting on *in vitro* gametophyte formation from spore culture of four moss species. – Korean Journal of Horticultural Science & Technology 28: 108–114.
- Aigoin D. A., Devos N., Huttunen S., Ignatov M. S., González-Mancebo J. M. & Vanderpoorten A. (2009): And if Engler was not completely wrong? Evidence for multiple evolutionary origins in the moss flora of Macaronesia. – Evolution 63: 3248–3257.
- Aigoin D. A., Huttunen S., Ignatov M. S., Dirkse G. M. & Vanderpoorten A. (2009): *Rhynchostegiella* (*Brachytheciaceae*): molecular re-circumscription of a convenient taxonomic repository. – Journal of Bryology 31: 213–221.
- Akiyama H., Masuzaki H. & Yamaguchi T. (2009): Habitat and morphological differentiation between *Pohlia annotina* and *P. drummondii* (*Mniaceae*) at higher elevations in Yakushima Island, Japan. – Bryologist 112: 749–761.
- Alvarenga L. D. P., Pôrto K. C. & Silva M. P. P. (2009): Relations between regional-local habitat loss and metapopulation properties of epiphyllous bryophytes in the Brazilian Atlantic forest. – Biotropica 41: 682–691.
- Anderson L. E., Shaw A. J. & Shaw B. (2009): Peat mosses of the southeastern United States. – Memoirs of the New York Botanical Garden 102: i–xiii, 1–111.
- Aničić M., Tomašević M., Tasić M., Rajšić S., Popović A., Frontasyeva M. V., Lierhagen S. & Steinnes E. (2009): Monitoring of trace element atmospheric deposition using dry and wet moss bags: Accumulation capacity versus exposure time. – Journal of Hazardous Materials 171: 182–188.
- Anishchenko L. N. (2009): Bryoindication of the general state of atmosphere in an urban ecosystem: The example of the city of Bryansk. – Russian Journal of Ecology 40: 247–253.
- Archaux F., Camaret S., Dupouey J.-L., Ulrich E., Corcket E., Bourjot L., Brêthes A., Chevalier R., Dobremez J.-F., Dumas Y., Dumé G., Forêt M., Forgeard F., Gallet M. L., Picard J.-F., Richard F., Savoie J.-M., Seytre L., Timbal J. & Touffet J. (2009): Can we reliably estimate species richness with large plots? an assessment through calibration training. – Plant Ecology 203: 303–315.
- Ardiles H. V., Osorio-Zúñiga F. & Barrera M. E. (2009): Brófitas sobre carpoforos de hongos [Bryophytes on carpophores of fungi]. – Gayana Botanica 66: 84–91.
- Ariyanti N. S., Gradstein S. R., Sporn S. G., Angelika R. & Tan B. C. (2009): Catalogue of the bryophytes of Sulawesi. Supplement 1: new species records. – Blumea 54: 287–289.

- Aziz M. N. & Vohra J. N. (2008): *Pottiaceae (MUSCI)* of India. – Bishen Singh Mahendra Pal Singh, Dehra Dun, India. [v+366 pp.]
- Baisheva E. Z., Zhigunova S. N., Martynenko V. B. & Shirokikh P. S. (2009): Ecological and phytocenotic features of the bryophyte component of water protection forests on the Ufa Plateau. – Russian Journal of Ecology 40: 180–186.
- Bakalin V. A. (2009): Hepatic flora and phytogeography of Kamchatka and adjacent areas. – KMK Scientific Press, Moscow. [368 pp.]
- Bakalin V. A. (2010): Hepaticae of the Kuril Islands (northwestern Pacific): a transoceanic route from circumboreal to East Asian flora. – Annales Botanici Fennici 47: 81–105.
- Bakalin V. A., Choi S.-S. & Sun B. Y. (2009): Two new species of *Jungermanniaceae* from Asiatic Russia. – Arctoa 18: 151–162.
- Bardunov L. V. (ed.) (2008): Mokhoobraznye [Bryophytes]. – In: Krasnaya kniga Rossijskoj Federacii (rasteniya i gribi), p. 599–662, Ministerstvo prirodnnykh resursov i ekologii RF, Moskva.
- Beerling D. J. & Franks P. J. (2009): Evolution of stomatal function in ‘lower’ land plants. – New Phytologist 183: 921–925.
- Beike A. K. & Rensing S. A. (2010): The *Physcomitrella patens* genome – a first stepping stone towards understanding bryophyte and land plant evolution. – Tropical Bryology 31: 43–50.
- Beike A. K., Decker E. L., Frank W., Lang D., Vervliet-Scheebaum M., Zimmer A. D. & Reski R. (2010): Applied bryology – bryotechnology. – Tropical Bryology 31: 22–32.
- Bell N. E. & Hyvönen J. (2010): A phylogenetic circumscription of *Polytrichastrum* (*Polytrichaceae*): reassessment of sporophyte morphology supports molecular phylogeny. – American Journal of Botany 97: 566–578.
- Bell N. E. & Hyvönen J. (2010): Phylogeny of the moss class *Polytrichopsida* (*Bryophyta*): Generic-level structure and incongruent gene trees. – Molecular Phylogenetics and Evolution 55: 381–398.
- Bergamini A., Ungricht S. & Hofmann H. (2009): An elevational shift of cryophilous bryophytes in the last century – an effect of climate warming?. – Diversity and Distributions 15: 871–879.
- Berglund H., O’Hara R. B. & Jonsson B. G. (2009): Quantifying habitat requirements of tree-living species in fragmented boreal forests with Bayesian methods. – Conservation Biology 23: 1127–1137.
- Bidartondo M. I. & Duckett J. G. (2010): Conservative ecological and evolutionary patterns in liverwort-fungal symbioses. – Proceedings of the Royal Society B – Biological Sciences 277: 485–492.
- Bisang I., Bergamini A. & Lienhard L. (2009): Environmental-friendly farming in Switzerland is not hornwort-friendly. – Biological Conservation 142: 2104–2113.
- Blockeel T. L., Rothero G. P. & Long D. G. (2009): *Tortula inermis* and *Schistidium helveticum*, two mosses from Scotland, new to the British Isles. – Journal of Bryology 31: 174–179.
- Boiko M. F. (2008): A checklist of bryobionta of Ukraine (taxonomic review, superspecies taxa). – Chornomorski Botanical Journal 4: 151–160.
- Bonfante P. & Selosse M.-A. (2010): A glimpse into the past of land plants and of their mycorrhizal affairs: from fossils to evo-devo. – New Phytologist 186: 267–270.
- Bonnett S. A. F., Ostle N. & Freeman C. (2010): Short-term effect of deep shade and enhanced nitrogen supply on *Sphagnum capillifolium* morphophysiology. – Plant Ecology 207: 347–358.
- Boquete M. T., Fernández J. A., Aboal J. R., Real C. & Carballeira A. (2009): Spatial structure of trace elements in extensive biomonitoring surveys with terrestrial mosses. – Science of the Total Environment 408: 153–162.
- Borges P. A. V. & Gabriel R. (2009): Predicting extinctions on oceanic islands: arthropods and bryophytes. – Universidade dos Açores, Angra do Heroísmo.
- Borovichev E. A., Kalinauskaitė & Konstantinova N. A. (2009): On the distribution of *Conocephalum conicum* and *C. salebrosum* (*Marchantiophyta*) in Russia. – Arctoa 18: 115–120.
- Botting R. S. & DeLong C. (2009): Macrolichen and bryophyte responses to coarse woody debris characteristics in sub-boreal spruce forest. – Forest Ecology and Management 258, Suppl.: S85–S94.
- Boyd R. S., Wall M. A. & Jaffre T. (2009): Do tropical nickel hyperaccumulators mobilize metals into epiphytes? A test using bryophytes from New Caledonia. – Northeastern Naturalist 16, Special Issue 5: 139–154.
- Breeuwer A., Heijmans M. M. P. D., Gleichman M., Robroek B. J. M. & Berendse F. (2009): Response of *Sphagnum* species mixtures to increased temperature and nitrogen availability. – Plant Ecology 204: 97–111.
- Breeuwer A., Robroek B. J. M., Limpens J., Heijmans M. M. P. D., Schouten M. G. C. & Berendse F. (2009): Decreased summer water table depth affects peatland vegetation. – Basic and Applied Ecology 10: 330–339.

- Briscoe L. R. E., Harris T. B., Broussard W., Dannenberg E., Olday F. C. & Rajakaruna N. (2009): Bryophytes of adjacent serpentine and granite outcrops on the Deer Isles, Maine, USA. – *Rhodora* 111: 1–20.
- Brown S. M., Petrone R. M., Mendoza C. & Devito K. J. (2010): Surface vegetation controls on evapotranspiration from a sub-humid western boreal plain wetland. – *Hydrological Processes* 24: 1072–1085.
- Callaghan D. A. & Ashton P. A. (2009): Rarity and site selection for bryophyte conservation. – *Biodiversity and Conservation* 18: 1259–1272.
- Câmara P. E. A. S. & Kellogg E. A. (2010): Morphology and development of leaf papillae in *Sematophyllaceae*. – *Bryologist* 113: 22–33.
- Campisi P., Dia M. G. & Provenzano F. (2009): Analysis of the epiphytic bryophyte diversity of Sicily. – *Plant Biosystems* 143, Suppl. 1: S104–S112.
- Caners R. T., Macdonald S. E. & Belland R. J. (2009): Recolonization potential of bryophyte diaspore banks in harvested boreal mixed-wood forest. – *Plant Ecology* 204: 55–68.
- Cano M. J., Jiménez J. F., Gallego T. M., Jiménez J. A. & Guerra J. (2009): Phylogenetic relationships in the genus *Hennediella* (*Pottiaceae*, *Bryophyta*) inferred from nrITS sequence data. – *Plant Systematics and Evolution* 281: 209–216.
- Caruso A. & Rudolphi J. (2009): Influence of substrate age and quality on species diversity of lichens and bryophytes on stumps. – *Bryologist* 112: 520–531.
- Casas C., Brugués M., Cros R. M., Sérgio C. & Infante M. (2009): Handbook of liverworts and hornworts of the Iberian Peninsula and the Balearic Islands. – Institut d'Estudis Catalans, Barcelona. [177 pp.]
- Cesa M., Bizzotto A., Ferraro C., Fumagalli F. & Nimis P. L. (2009): S.T.R.E.A.M., system for trace element assessment with mosses. An equation to estimate mercury concentration in freshwaters. – *Chemosphere* 75: 858–865.
- Cesa M., Bizzotto A., Ferraro C., Fumagalli F. & Nimis P. L. (2010): Palladio, an index of trace element alteration for the river Bacchiglione based on *Rhynchostegium riparioides* moss bags. – *Water, Air and Soil Pollution* 208: 59–77.
- Cezón K., Muñoz J., Hedenäs L. & Huttunen S. (2010): *Rhynchostegium confusum*, a new species from the Iberian Peninsula and its relation to *R. confertum* based on morphological and molecular data. – *Journal of Bryology* 32: 1–8.
- Charron A. J. & Quatrano R. S. (2009): Between a rock and a dry place: the water-stressed moss. – *Molecular Plant* 2: 478–486.
- Chen L., Liu W.-Y. & Wang G.-S. (2010): Estimation of epiphytic biomass and nutrient pools in the subtropical montane cloud forest in the Ailao Mountains, south-western China. – *Ecological Research* 25: 315–325.
- Chen Y.-Y., Lou Y.-X., Guo S.-L. & Cao T. (2009): Successful tissue culture of the medicinal moss *Rhodobryum giganteum* and factors influencing proliferation of its protonemata. – *Annales Botanici Fennici* 46: 516–524.
- Churchill S. P. (2009): Moss diversity and endemism of the tropical Andes. – *Annals of the Missouri Botanical Garden* 96: 434–449.
- Chytrý M., Danihelka J., Horská M., Kočí M., Kubešová S., Lososová Z., Otýpková Z., Tichý L., Martynenko V. B. & Baisheva E. Z. (2010): Modern analogues from the Southern Urals provide insights into biodiversity change in the early Holocene forests of Central Europe. – *Journal of Biogeography* 37: 767–780.
- Cleavitt N. L., Dibble A. C. & Werier D. A. (2009): Influence of tree composition upon epiphytic macrolichens and bryophytes in old forests of Acadia National Park, Maine. – *Bryologist* 112: 467–487.
- Cogoni A., Scrugli A., Cortis P. (2009): Bryophyte flora of some temporary pools in Sardinia and Corsica. – *Plant Biosystems* 143, Suppl. 1: S97–S103.
- Cole C., Stark L. R., Bonine M. L. & McLetchie D. N. (2010): Transplant survivorship of bryophyte soil crusts in the Mojave desert. – *Restoration Ecology* 18: 198–205.
- Cooper D. J., Wolf E. C., Colson C., Vering W., Granda A. & Meyer M. (2010): Alpine peatlands of the Andes, Cajamarca, Peru. – *Arctic Antarctic and Alpine Research* 42: 19–33.
- Corrales A., Duque A., Uribe J. & Londoño V. (2010): Abundance and diversity patterns of terrestrial bryophyte species in secondary and planted montane forests in the northern portion of the Central Cordillera of Colombia. – *Bryologist* 113: 8–21.
- Coşkun M., Yurukova L., Çayır A., Coşkun M. & Gecheva G. (2009): Cross-border response of mosses to heavy metal atmospheric deposition in Southeastern Bulgaria and European Turkey. – *Environmental Monitoring and Assessment* 157: 529–537.

- Cranwell L. M. & Srivastava S. K. (2009): An early Cretaceous (Hauterivian) spore-pollen assemblage from southern Chile. – *Palynology* 33: 241–280.
- Croisier E., Rempt M. & Pohnert G. (2010): Survey of volatile oxylipins and their biosynthetic precursors in bryophytes. – *Phytochemistry* 71: 574–580.
- Cuello A. N. L. & Cleef A. M. (2009): The páramo vegetation of Ramal de Guaramacal, Trujillo State, Venezuela. 2. Azonal vegetation. – *Phytocoenologia* 39: 389–409.
- Cui X., Gu S., Wu J. & Tang Y. (2009): Photosynthetic response to dynamic changes of light and air humidity in two moss species from the Tibetan Plateau. – *Ecological Research* 24: 645–653.
- Czernyadjeva I. V. & Ignatov M. S. (2009): Recent bryological literature of East Europe and North Asia. VIII. – *Arctoa* 18: 229–248.
- da Costa D. P. (2009): Crittigame brasiliiane, a review of Giuseppe Raddi bryophyte collections in the state of Rio de Janeiro. – *Journal of Bryology* 31: 222–233.
- da Costa D. P. & dos Santos N. D. (2009): Liverwort conservation in the Atlantic rain forest of Southeastern Brazil: a regional survey in Rio de Janeiro state. – *Acta Botanica Brasilica* 23: 913–922.
- da Silva M. A. S., Simabukuro E. A. & Porto K. C. (2009): Effect of water availability on spore germination of the moss *Octoblepharum albidum* from Brazilian Atlantic Forest. – *Journal of Bryology* 31: 169–173.
- Danilkiv I. S., Ignatova E. A. & Lobachevska O. V. (2009): Chromosome numbers of *Schistidium* (Grimmiaceae, Bryophyta). – *Arctoa* 18: 225–228.
- Davey M. L. & Currah R. S. (2009): *Atradidymella muscivora* gen. et sp. nov. (*Pleosporales*) and its anamorph *Phoma muscivora* sp. nov.: a new pleomorphic pathogen of boreal bryophytes. – *American Journal of Botany* 96: 1281–1288.
- Davey M. L., Tsuneda A. & Currah R. S. (2009): Pathogenesis of bryophyte hosts by the ascomycete *Atradidymella muscivora*. – *American Journal of Botany* 96: 1274–1280.
- de Alencar I. C. A., da Costa D. P. & de Araujo D. S. D. (2009): Bryophytes of Restinga de Jurubatiba National Park, Rio de Janeiro State, Brazil. – *Acta Botanica Brasilica* 23: 558–570.
- de Oliveira H. C. & Bastos C. J. P. (2009): *Jungermanniales* (Marchantiophyta) of the Ibiapaba Plateau, Ceará state, Brazil. – *Acta Botanica Brasilica* 23: 1202–1209.
- de Oliveira S. M., ter Steege H., Cornelissen J. H. C. & Gradstein S. R. (2009): Niche assembly of epiphytic bryophyte communities in the Guianas: a regional approach. – *Journal of Biogeography* 36: 2076–2084.
- Dengler J. (2009): A flexible multi-scale approach for standardised recording of plant species richness patterns. – *Ecological Indicators* 9: 1169–1178.
- Dias E., Mendes C. & Shaw J. (2009): *Sphagnum recurvum* P.Beauv. on Terceira, Azores, new to Macaronesia-Europe. – *Journal of Bryology* 31: 199–201.
- Díaz I. A., Sieving K. E., Peña-Foxon M. E., Larraín J. & Armesto J. J. (2010): Epiphyte diversity and biomass loads of canopy emergent trees in Chilean temperate rain forests: A neglected functional component. – *Forest Ecology and Management* 259: 1490–1501.
- Dibble A. C., Miller N. G., Hinds J. W. & Fryday A. M. (2009): Lichens and bryophytes of the alpine and subalpine zones of Katahdin, Maine, I: Overview, ecology, climate and conservation aspects. – *Bryologist* 112: 651–672.
- Dirkse G. M. & Brugués M. (2010): *Entosthodon kroonkirk* (Bryophyta: Funariaceae), a new species from the Iberian Peninsula and Macaronesia. – *Journal of Bryology* 32: 133–139.
- Dirkse G. M. & Losada-Lima A. (2010): *Andreaea* Hedw. in the Canary Islands. – *Journal of Bryology* 32: 51–55.
- Dmuchowski W. & Bytnarowicz A. (2009): Long-term (1992–2004) record of lead, cadmium, and zinc air contamination in Warsaw, Poland: Determination by chemical analysis of moss bags and leaves of Crimean linden. – *Environmental Pollution* 157: 3413–3421.
- Donath T. W. & Eckstein R. L. (2010): Effects of bryophytes and grass litter on seedling emergence vary by vertical seed position and seed size. – *Plant Ecology* 207: 257–268.
- dos Santos N. D. & da Costa D. P. (2010): Phytogeography of the liverwort flora of the Atlantic Forest of southeastern Brazil. – *Journal of Bryology* 32: 9–22.
- Dragović S. & Mihailović N. (2009): Analysis of mosses and topsoils for detecting sources of heavy metal pollution: multivariate and enrichment factor analysis. – *Environmental Monitoring and Assessment* 157: 383–390.
- Dragović S., Mihailović N. & Gajić B. (2010): Quantification of transfer of ^{238}U , ^{226}Ra , ^{232}Th , ^{40}K and ^{137}Cs in mosses of a semi-natural ecosystem. – *Journal of Environmental Radioactivity* 101: 159–164.

- Draper I. & Hedenäs L. (2009): Circumscription of European taxa within the *Sciuro-hypnum reflexum* complex (*Brachytheciaceae*, *Bryophyta*), based on molecular and morphological data. – *Taxon* 58: 572–584.
- Drozd P., Dolný A., Kočárek P., Plášek V. & al. (2009): Patterns of abundance and higher taxa composition of moss arthropod association in submountain and mountain forest ecosystem. – *Nowellia Bryologica* 38: 19–26.
- Duckett J. G., Pressel S., P'ng K. M. Y. & Renzaglia K. S. (2009): Exploding a myth: the capsule dehiscence mechanism and the function of pseudostomata in *Sphagnum*. – *New Phytologist* 183: 1053–1063.
- Duckett J. G., Pressel S., P'ng K. M. Y. & Renzaglia K. S. (2010): The *Sphagnum* air-gun mechanism resurrected? Not with a closer look. – *New Phytologist* 185: 889–891.
- Dymytrova L. (2009): Epiphytic lichens and bryophytes as indicators of air pollution in Kyiv city (Ukraine). – *Folia Cryptogamica Estonica* 46: 33–44.
- Ellis C. J. & Ellis S. C. (2010): Quantifying the role of deterministic assembly and stochastic drift in a natural community of Arctic mosses. – *Oikos* 119: 465–474.
- Ellis L. T. & Harrington A. J. (2009): Type specimens of Arctic mosses in Robert Brown's herbarium (BM). – *Journal of Bryology* 31: 277–279.
- Engel J. J. & He X. (2010): Studies on *Lophocoleaceae*. XIX. The systematic identity of *Cyanolophocolea* R. M. Schust., an intriguing liverwort from New Zealand and Australia, based on morphological and molecular evidence. – *Bryologist* 113: 149–163.
- Erzberger P. (2009): The genera *Grimmia* and *Coscinodon* (*Grimmiaceae*, *Musci*) in Hungary. – *Studia Botanica Hungarica* 40: 37–124.
- Ewald J. (2009): Epigeic bryophytes do not improve bioindication by Ellenberg values in mountain forests. – *Basic and Applied Ecology* 10: 420–426.
- Ezer T., Kara R. & Duzenli A. (2009): The succession, habitat affinity, and life-forms of epiphytic bryophytes in the Turkish oak (*Quercus cerris*) forests on Mount Musa. – *Ekoloji* 18: 8–15.
- Farrick K. K. & Price J. S. (2009): Ericaceous shrubs on abandoned block-cut peatlands: Implications for soil water availability and *Sphagnum* restoration. – *Ecohydrology* 2: 530–540.
- Fedosov V. E. & Ignatova E. A. (2008): The genus *Bryoerythrophyllum* (*Pottiaceae*, *Bryophyta*) in Russia. – *Arctoa* 17: 19–38.
- Feldberg K., Hentschel J., Bomboesch A., Long D. G., Váňa J. & Heinrichs J. (2009): Transfer of *Gottschelia grollei*, *G. patoniae* and *Scaphophyllum speciosum* to *Solenostoma* based on chloroplast DNA *rbcL* sequences. – *Plant Systematics and Evolution* 280: 243–250.
- Feldberg K., Váňa J., Hentschel J. & Heinrichs J. (2010): Currently accepted species and new combinations in *Jamesonielloideae* (*Adelanthaceae*, *Jungermanniales*). – *Cryptogamie Bryologie* 31: 125–133.
- Feldberg K., Váňa J., Long D. G., Shaw A. J., Hentschel J. & Heinrichs J. (2010): A phylogeny of *Adelanthaceae* (*Jungermanniales*, *Marchantiophyta*) based on nuclear and chloroplast DNA markers, with comments on classification, cryptic speciation and biogeography. – *Molecular Phylogenetics and Evolution* 55: 293–304.
- Feldberg K., Váňa J., Zhu R.-L. & Heinrichs J. (2010): The systematic position of *Pedinophyllum* (*Marchantiophyta*: *Jungermanniales*). – *Cryptogamie Bryologie* 31: 125–133.
- Ferguson A. V., Pharo E. J., Kirkpatrick J. B. & Marsden-Smedley J. B. (2009): The early effects of fire and grazing on bryophytes and lichens in tussock grassland and hummock sedgeland in north-eastern Tasmania. – *Australian Journal of Botany* 57: 556–561.
- Fernández J. A., Aboal J. R. & Carballera A. (2010): Testing differences in methods of preparing moss samples. Effect of washing on *Pseudoscleropodium purum*. – *Environmental Monitoring and Assessment* 163: 669–684.
- Figueiredo A. C., Sim-Sim M., Barroso J. G., Pedro L. G., Esquivel M. G., Fontinha S., Luís L., Martins S., Lobo C. & Stech M. (2009): Liverwort *Radula* species from Portugal: chemotaxonomical evaluation of volatiles composition. – *Flavour and Fragrance Journal* 24: 316–325.
- Frahm J.-P. & Ho B.-C. (2010): Discovery of a natural hybrid between *Bruchia vogesiaca* Schwägr. and *Trematodon ambiguus* (Hedw.) Hornsch. (*Musci*, *Bruchiaceae*). – *Cryptogamie Bryologie* 31: 95–99.
- Fraile-Escanciano A., Garciadeblás B., Rodríguez-Navarro A. & Benito B. (2009): Role of ENA ATPase in Na⁺ efflux at high pH in bryophytes. – *Plant Molecular Biology* 71: 599–608.
- Frey W. (ed.) (2009): Syllabus of plant families. Adolf Engler's Syllabus der Pflanzenfamilien. 13th edition. Part 3. Bryophytes and seedless vascular plants. – Gebr. Borntraeger Verlagsbuchhandlung, Stuttgart. [ix+419 pp.]

- Frey W. & Kürschner H. (2009): New records of bryophytes from Afghanistan – with a note on the bryological exploration of the country. – *Nova Hedwigia* 88: 503–511.
- Frey W. & Kürschner H. (2010): New and noteworthy records to the bryophyte flora of Iran. – *Nova Hedwigia* 90: 503–512.
- Fritz O. & Heilmann-Clausen J. (2010): Rot holes create key microhabitats for epiphytic lichens and bryophytes on beech (*Fagus sylvatica*). – *Biological Conservation* 143: 1008–1016.
- Fritz O., Brunet J. & Caldiz M. (2009): Interacting effects of tree characteristics on the occurrence of rare epiphytes in a Swedish beech forest area. – *Bryologist* 112: 488–505.
- Fudali E., Szczepański M., Rusińska A., Rosadziński S. & Wolski G. (2009): The current distribution in Poland of some European neophytic bryophytes with supposed invasive tendencies. – *Acta Societas Botanicorum Poloniae* 78: 73–80.
- Fuselier L., Davison P. G., Clements M., Shaw B., Devos N., Heinrichs J., Hentschel J., Sabovljević M., Szövényi P., Schuette S., Hofbauer W. & Shaw A. J. (2009): Phylogeographic analyses reveal distinct lineages of the liverworts *Metzgeria furcata* (L.) Dumort. and *Metzgeria conjugata* Lindb. (*Metzgeriaceae*) in Europe and North America. – *Biological Journal of the Linnean Society* 98: 745–756.
- Gapeeva M. V., Dolotov A. V. & Chemeris E. V. (2010): Prospects of using mosses (*Fontinalis antipyretica* Hedw. and *Pylaisia polyantha* (Hedw.) Bruch et al.) as indicators of environmental contamination with heavy metals. – *Russian Journal of Ecology* 41: 28–31.
- Glenny D., Engel J. J. & He-Nygrén X. (2009): The systematic identity of *Chiloscyphus trichocoleoides*, a new liverwort species from New Zealand, uncovered by morphological and molecular evidence. – *Journal of Bryology* 31: 93–105.
- Goffinet B., Buck W. R. & Shaw A. J. (2009): Addenda to the classification of mosses. I. *Andreaeophytina* stat. nov. and *Andreaebryophytina* stat. nov. – *Bryologist* 112: 856–857.
- Gogo S. & Pearce D. M. E. (2009): Carbon, cations and CEC: Interactions and effects on microbial activity in peat. – *Geoderma* 153: 76–86.
- González-Mancebo J. M., Draper I., Lara F., Marrero J. D., Muñoz J., Patiño J., Romaguera F. & Vanderpoorten A. (2009): Amendments to the bryophyte flora of the Cape Verde and Canary Islands. – *Cryptogamie Bryologie* 30: 433–441.
- González-Miqueo L., Elustondo D., Lasheras E. & Santamaría J. M. (2010): Use of native mosses as biomonitoring of heavy metals and nitrogen deposition in the surroundings of two steel works. – *Chemosphere* 78: 965–971.
- González-Miqueo L., Elustondo D., Lasheras E., Bermejo R. & Santamaría J. M. (2009): Spatial trends in heavy metals and nitrogen deposition in Navarra (Northern Spain) based on moss analysis. – *Journal of Atmospheric Chemistry* 62: 59–72.
- Gornall J. L., Woodin S. J., Jónsdóttir I. S. & van der Wal R. (2009): Herbivore impacts to the moss layer determine tundra ecosystem response to grazing and warming. – *Oecologia* 161: 747–758.
- Górski P. (2009): The rediscovery of the liverworts *Anastrophyllum donnianum* and *A. saxicola* in Central Europe (Slovakia, Tatra Mountains). – *Cryptogamie Bryologie* 30: 409–414.
- Górski P. (2010): *Nardia compressa* – a liverwort new to Slovakia found in the Tatra Mountains. – *Cryptogamie Bryologie* 31: 199–203.
- Gradstein R. & Culmsee H. (2010): Bryophyte diversity on tree trunks in montane forests of Central Sulawesi, Indonesia. – *Tropical Bryology* 31: 95–105.
- Graf M. & Rochefort L. (2009): Examining the peat-accumulating potential of fen vegetation in the context of fen restoration of harvested peatlands. – *Ecoscience* 16: 158–166.
- Graf M. D. & Rochefort L. (2010): Moss regeneration for fen restoration: field and greenhouse experiments. – *Restoration Ecology* 18: 121–130.
- Graham L. E., Cook M. E., Hanson D. T., Pigg K. B. & Graham J. M. (2010): Structural, physiological, and stable carbon isotopic evidence that the enigmatic paleozoic fossil prototaxites formed from rolled liverwort mats. – *American Journal of Botany* 97: 268–275.
- Granath G., Wiedermann M. M. & Strengbom J. (2009): Physiological responses to nitrogen and sulphur addition and raised temperature in *Sphagnum balticum*. – *Oecologia* 161: 481–490.
- Granzow – de la Cerda I. & Duell R. P. G. (2009): *Anomodon longifolius* and *A. thraustus* (*Anomodontaceae*) new to North America, north of Mexico. – *Bryologist* 112: 606–610.
- Groen K. E., Stieha C. R., Crowley P. H. & McLetchie D. N. (2010): Sex-specific plant responses to light intensity and canopy openness: implications for spatial segregation of the sexes. – *Oecologia* 162: 561–570.

- Groen K. E., Stieha C. R., Crowley P. H. & McLetchie D. N. (2010): Sex-specific plant responses to two light levels in the liverwort *Marchantia inflexa* (*Marchantiaceae*). – *Bryologist* 113: 81–89.
- Gundale M. J., Gustafsson H. & Nilsson M.-C. (2009): The sensitivity of nitrogen fixation by a feathermoss-cyanobacteria association to litter and moisture variability in young and old boreal forests. – *Canadian Journal of Forest Research – Revue Canadienne de Recherche Forestière* 39: 2542–2549.
- Gurnell A. M., O'Hare J. M., O'Hare M. T., Dunbar M. J. & Scarlett P. M. (2010): An exploration of associations between assemblages of aquatic plant morphotypes and channel geomorphological properties within British rivers. – *Geomorphology* 116: 135–144.
- Haines W. P. & Renwick J. A. A. (2009): Bryophytes as food: comparative consumption and utilization of mosses by a generalist insect herbivore. – *Entomologia Experimentalis Et Applicata* 133: 296–306.
- Hájek T. (2009): Habitat and species controls on *Sphagnum* production and decomposition in a mountain raised bog. – *Boreal Environment Research* 14: 947–958.
- Hansen B. B., Aanes R. & Sæther B.-E. (2010): Feeding-crater selection by high-arctic reindeer facing ice-blocked pastures. – *Canadian Journal of Zoology – Revue Canadienne de Zoologie* 88: 170–177.
- Harris E. S. J. & Yang B. (2009): Variation and standardization in the use of a Chinese medicinal moss. – *Economic Botany* 63: 190–203.
- Harris E. S. J. (2009): Phylogenetic and environmental lability of flavonoids in a medicinal moss. – *Biochemical Systematics and Ecology* 37: 180–192.
- Hässel de Menéndez G. G. (2009): Catalogue of *Marchantiophyta* and *Anthocerotophyta* of southern South America. – *Beihefte zur Nova Hedwigia* 134: 1–672.
- Hatanaka R. & Sugawara Y. (2010): Development of desiccation tolerance and vitrification by preculture treatment in suspension-cultured cells of the liverwort *Marchantia polymorpha*. – *Planta* 231: 965–976.
- Hedenäs L. (2009): Haplotype variation of relevance to global and European phylogeography in *Sarmentypnum exannulatum* (*Bryophyta: Calliergonaceae*). – *Journal of Bryology* 31: 145–158.
- Hedenäs L. (2009): Relationships among Arctic and non-Arctic haplotypes of the moss species *Scorpidium cossonii* and *Scorpidium scorpioides* (*Calliergonaceae*). – *Plant Systematics and Evolution* 277: 217–231.
- Hedenäs L. (2010): Global relationships and European phylogeography in the *Kindbergia praelonga* complex (*Brachytheciaceae, Bryophyta*). – *Tropical Bryology* 31: 81–90.
- Hedenäs L. & Bennike O. (2008): A Plio Pleistocene moss assemblage from Store Koldewey, NE Greenland. – *Lindbergia* 33: 23–37.
- Hedenäs L. & Rosborg C. (2008): *Pseudocalliergon* is nested within *Drepanocladus* (*Bryophyta: Amblystegiaceae*). – *Lindbergia* 33: 67–74.
- Hedenäs L., Bisang I., Korpelainen H. & Cronholm B. (2010): The true sex ratio in European *Pseudocalliergon trifarium* (*Bryophyta: Amblystegiaceae*) revealed by a novel molecular approach. – *Biological Journal of the Linnean Society* 100: 132–140.
- Heinrichs J., Feldberg K., Kreier H.-P. & Váňa J. (2010): DNA-based identification of *Herbertus* species on Gough Island, South Atlantic Ocean. – *Cryptogamie Bryologie* 31: 67–74.
- Heinrichs J., Hentschel J., Feldberg K., Bomboesch A. & Schneider H. (2009): Phylogenetic biogeography and taxonomy of disjunctly distributed bryophytes. – *Journal of Systematics and Evolution* 47: 497–508.
- Heinrichs J., Klugmann F., Hentschel J. & Schneider H. (2009): DNA taxonomy, cryptic speciation and diversification of the Neotropical-African liverwort, *Marchesinia brachiata* (*Lejeuneaceae, Porellales*). – *Molecular Phylogenetics and Evolution* 53: 113–121.
- Hentschel J., von Konrat M. J., Pocs T., Schaefer-Verwimp A., Shaw A. J., Schneide H. & Heinrichs J. (2009): Molecular insights into the phylogeny and subgeneric classification of *Frullania Raddi* (*Frullaniaceae, Porellales*). – *Molecular Phylogenetics and Evolution* 52: 142–156.
- Hespanhol H., Séneca A., Figueira R. & Sérgio C. (2010): Bryophyte-environment relationships in rock outcrops of North-western Portugal: the importance of micro and macro-scale variables. – *Cryptogamie Bryologie* 31: 147–161.
- Hoang Q. T., Cho S. H., McDaniel S. F., Ok S. H., Quatrano R. S. & Shin J. S. (2009): An actinoporin plays a key role in water stress in the moss *Physcomitrella patens*. – *New Phytologist* 184: 502–510.
- Holy M., Leblond S., Pesch R. & Schröder W. (2009): Assessing spatial patterns of metal bioaccumulation in French mosses by means of an exposure index. – *Environmental Science and Pollution Research* 16: 499–507.
- Holyoak D. T. (2010): Notes on taxonomy of some European species of *Ephemerum* (*Bryopsida: Pottiaceae*). – *Journal of Bryology* 32: 122–132.
- Hughes K. A., Convey P., Maslen N. R. & Smith R. I. L. (2010): Accidental transfer of non-native soil organisms into Antarctica on construction vehicles. – *Biological Invasions* 12: 875–891.

- Hutsemekers V., Hardy O. J., Mardulyn P., Shaw A. J., Vanderpoorten A. (2010): Macroecological patterns of genetic structure and diversity in the aquatic moss *Platyhypnidium ripariooides*. – New Phytologist 185: 852–864.
- Hylander K., Pócs T. & Nemomissa S. (2010): Liverworts of southwest Ethiopian montane forests: ecological and biogeographical notes. – Journal of Bryology 32: 92–100.
- İçel Y. & Çobanoğlu G. (2009): Biomonitoring of atmospheric heavy metal pollution using lichens and mosses in the city of Istanbul, Turkey. – Fresenius Environmental Bulletin 18: 2066–2071.
- Ignatov M. S. & Shcherbakov D. E. (2009): A new fossil moss from the Lower Permian of the Russian Far East. – Arctoa 18: 201–212.
- Ignatov M. S., Milyutina I. A. & Bobrova V. K. (2008): Problematic groups of *Brachythecium* and *Eurhynchiastrum* (*Brachytheciaceae*, *Bryophyta*) and taxonomic solutions suggested by nrITS sequences. – Arctoa 17: 113–138.
- Ignatova E. A. (2009): The genus *Anoectangium* (*Pottiaceae*, *Bryophyta*) in Russia. – Arctoa 18: 167–176.
- Ignatova E. A. & Doroshina H. Ya. (2008): Notes on *Tortella* (*Pottiaceae*, *Bryophyta*) in the Caucasus. – Arctoa 17: 39–47.
- Ignatova E. A. & Fedosov V. E. (2008): Species of *Dicranum* (*Dicranaceae*, *Bryophyta*) with fragile leaves in Russia. – Arctoa 17: 63–83.
- Ignatova E. A. & Ignatov M. S. (2009): Two new taxa of *Pottiaceae* (*Bryophyta*) from the Kuril Islands. – Arctoa 18: 135–140.
- Ignatova E., Kuznetsova O., Köckinger H. & Hastings R. (2008): A preliminary study of *Coscinodon* (*Grimmiaceae*, *Musci*) in Eurasia based on morphology and DNA sequence data. – Arctoa 17: 1–18.
- Ingerpuu N., Maasikpalu K. & Vellak K. (2008): Morphology and habitat properties of *Tortula lingulata* in Estonia. – Folia Cryptogamica Estonica 44: 49–54.
- Ireland R. R. & Buck W. R. (2009): Some Latin American genera of *Hypnaceae* (*Musci*). – Smithsonian Contributions to Botany 93: i–viii, 1–97.
- Jukoniene I. (2008): The impact of anthropogenic habitats on rare bryophyte species in Lithuania. – Folia Cryptogamica Estonica 44: 55–62.
- Kalacheva G. S., Sushchik N. N., Gladyshev M. I. & Makhutova O. N. (2009): Seasonal dynamics of fatty acids in the lipids of water moss *Fontinalis antipyretica* from the Yenisei River. – Russian Journal of Plant Physiology 56: 795–807.
- Karlin E. F., Gardner G. P., Lukshis K., Boles S. & Shaw A. J. (2010): Allopolyploidy in *Sphagnum mendocinum* and *S. papillosum* (*Sphagnaceae*). – Bryologist 113: 114–119.
- Karlin E. F., Giusti M. M., Lake R. A., Boles S. B. & Shaw A. J. (2010): Microsatellite analysis of *Sphagnum centrale*, *S. henryense*, and *S. palustre* (*Sphagnaceae*). – Bryologist 113: 90–98.
- Kato-Noguchi H., Seki T. & Shigemori H. (2010): Allelopathy and allelopathic substance in the moss *Rhynchostegium pallidifolium*. – Journal of Plant Physiology 167: 468–471.
- Kessler M., Abrahamczyk S., Bos M., Buchori D., Putra D. D., Gradstein S. R., Höhn P., Kluge J., Orend F., Pitopang R., Saleh S., Schulze C. H., Sporn S. G., Steffan-Dewenter I., Tjitrosoedirdjo S. S. & Tscharntke T. (2009): Alpha and beta diversity of plants and animals along a tropical land-use gradient. – Ecological Applications 19: 2142–2156.
- Keyte I., Wild E., Dent J. & Jones K. C. (2009): Investigating the foliar uptake and within-leaf migration of phenanthrene by moss (*Hypnum cupressiforme*) using two-photon excitation microscopy with autofluorescence. – Environmental Science & Technology 43: 5755–5761.
- Klos A., Rajfur M., Waclawek M. & Waclawek W. (2009): Impact of roadway particulate matter on deposition of pollutants in the vicinity of main roads. – Environment Protection Engineering 35: 105–121.
- Knoop V. (2010): Looking for sense in the nonsense: a short review of non-coding organellar DNA elucidating the phylogeny of bryophytes. – Tropical Bryology 31: 51–60.
- Kofuji R., Yoshimura T., Inoue H., Sakakibara K., Hiwatashi Y., Kurata T., Aoyama T., Ueda K. & Hasebe M. (2009): Gametangia development in the moss *Physcomitrella patens*. – Annual Plant Reviews 36: 167–181.
- Konstantinova N. A. & Bakalin V. A. (eds.) (2009): Checklist of liverworts (*Marchantiophyta*) of Russia. – Arctoa 18: 1–64.
- Konstantinova N. A. & Vilnet A. A. (2009): New taxa and new combinations in *Jungermanniales* (*Hepaticae*). – Arctoa 18: 65–67.
- Kooijman A. & Hedenäs L. (2009): Changes in nutrient availability from calcareous to acid wetland habitats with closely related brown moss species: increase instead of decrease in N and P. – Plant and Soil 324: 267–278.

- Koponen T. & Isoviita P. (2010): *Philonotis capillaris* Lindb. and *P. arnellii* Husn.; one moss, two names. – *Cryptogamie Bryologie* 31: 75–94.
- Korpelainen H., Virtanen V., Kostamo K. & Karttunen H. (2008): Molecular evidence shows that the moss *Rhytidadelphus subpinnatus* (*Hylocomiaceae*) is clearly distinct from *R. squarrosum*. – *Molecular Phylogenetics and Evolution* 48: 372–376.
- Krumnikl M., Sojka E., Gaura J. & Motyka O. (2009): 3D reconstruction for textureless surfaces surface reconstruction for biological research of bryophyte canopies. – In: Encarnaçao P. & Veloso A. (eds.), *Biosignals 2009: Proceedings of the International conference on bio-inspired systems and signal processing*, p. 95–100, INSTICC Press, Portugal.
- Krumnikl M., Sojka E., Gaura J. & Motyka O. (2010): Three-dimensional reconstruction of macroscopic features in biological materials. – *Biomedical Engineering Systems and Technologies* 52: 225–234.
- Krzaczkowski L., Wright M., Rebérioux D., Massiot G., Etiévant C. & Gairin J. E. (2009): Pharmacological screening of bryophyte extracts that inhibit growth and induce abnormal phenotypes in human HeLa cancer cells. – *Fundamental & Clinical Pharmacology* 23: 473–482.
- Kubešová S. & Novotný I. (2009): Bryophytes on rock cliffs in the Bohemian-Moravian Highlands. – *Nowellia bryologica*, Numéro special: 53–56.
- Kulichevskaya I. S., Suzina N. E., Liesack W. & Dedysh S. N. (2010): *Bryobacter aggregatus* gen. nov., sp. nov., a peat-inhabiting, aerobic chemo-organotroph from subdivision 3 of the *Acidobacteria*. – *International Journal of Systematic and Evolutionary Microbiology* 60: 301–306.
- Kurola J. M., Arnold M., Kontro M. H., Talves M. & Romantschuk M. (2010): Effect of light *Sphagnum* peat on odour formation in the early stages of biowaste composting. – *Waste Management* 30: 779–786.
- Kürschner H. & Erdağ A. (2009): The *Grimmietum commutato-campestris* in Turkey. Ecology and life syndromes of a saxicolous bryophyte community with the description of two new subassociations. – *Nova Hedwigia* 88: 441–463.
- Lamentowicz M., Lamentowicz L., van der Knaap W. O., Gabka M. & Mitchell E. A. D. (2010): Contrasting species-environment relationships in communities of testate amoebae, bryophytes and vascular plants along the fen-bog gradient. – *Microbial Ecology* 59: 499–510.
- Lang S. I., Cornelissen J. H. C., Klahn T., van Logtestijn R. S. P., Broekman R., Schweikert W. & Aerts R. (2009): An experimental comparison of chemical traits and litter decomposition rates in a diverse range of subarctic bryophyte, lichen and vascular plant species. – *Journal of Ecology* 97: 886–900.
- Lappalainen N. M., Huttunen S., Suokanerva H. & Lakkala K. (2010): Seasonal acclimation of the moss *Polytrichum juniperinum* Hedw. to natural and enhanced ultraviolet radiation. – *Environmental Pollution* 158: 891–900.
- Lara F., Mazimpaka V., Estebanez B. & Garilleti R. (2009): *Orthotrichum consobrinum* Cardot in Western Europe and South-Western Asia. – *Journal of Bryology* 31: 80–85.
- Larraín J., Quandt D. & Muñoz J. (2010): Preliminary results towards a molecular phylogeny of the *Racomitrioideae* (*Bryophyta: Grimmiaceae*). – In: Szumik C. & Goloboff P. (eds.), *A summit of cladistics: abstracts of the 27th Annual Meeting of the Willi Hennig Society and VIII Reunión Argentina de Cladística y Biogeografía, Cladistics* 26, p. 214.
- Lawton M. & Saidasan H. (2009): Pathogenesis in mosses. – *Annual Plant Reviews* 36: 298–339.
- Lehtonen M. T., Akita M., Kalkkinen N., Ahola-Iivarinen E., Rönnholm G., Somervuo P., Thelander M. & Valkonen J. P. T. (2009): Quickly-released peroxidase of moss in defense against fungal invaders. – *New Phytologist* 183: 432–443.
- Leinenweber G., Stegen S. & Díaz-Palma P. (2009): Increase of total glutathione as a response to cd induced stress in a Chilean endemic bryophytes (*Thuidium* sp.). – *Journal of the Chilean Chemical Society* 54: 401–404.
- Li L., Wang B., Liu Y. & Qiu Y.-L. (2009): The complete mitochondrial genome sequence of the hornwort *Megaceros aenigmaticus* shows a mixed mode of conservative yet dynamic evolution in early land plant mitochondrial genomes. – *Journal of Molecular Evolution* 68: 665–678.
- Li S.-P., Ochyra R., Wu P.-C., Seppelt R. D., Cai M.-H., Wang H.-Y. & Li C.-S. (2009): *Drepanocladus longifolius* (*Amblystegiaceae*), an addition to the moss flora of King George Island, South Shetland Islands, with a review of Antarctic benthic mosses. – *Polar Biology* 32: 1415–1425.
- Lichvar R. W., Laursen G. A., Seppelt R. D. & Ochs W. R. (2009): Selecting and testing cryptogam species for use in wetland delineation in Alaska. – *Arctic* 62: 201–211.
- Linis V. C. (2009): Biogeography of Mindoro mosses. – *Blumea* 54: 290–296.
- Little A. M., Guntenspergen G. R. & Allen T. F. H. (2010): Conceptual hierarchical modeling to describe wetland plant community organization. – *Wetlands* 30: 55–65.

- Liu Y., Yan H.-F., Cao T. & Ge X.-J. (2010): Evaluation of 10 plant barcodes in *Bryophyta* (Mosses). – *Journal of Systematics and Evolution* 48: 36–46.
- Lo Giudice R. & Bonanno G. (2010): Bryophyte and bryo-tracheophyte diversity, life forms and life strategies in urban areas of Sicily. – *Nova Hedwigia* 90: 161–194.
- Löbel S. & Rydin H. (2009): Dispersal and life history strategies in epiphyte metacommunities: alternative solutions to survival in patchy, dynamic landscapes. – *Oecologia* 161: 569–579.
- Löhmus A. & Löhmus P. (2010): Epiphyte communities on the trunks of retention trees stabilise in 5 years after timber harvesting, but remain threatened due to tree loss. – *Biological Conservation* 143: 891–898.
- Loo M. J., DeValls Casillas T. A. & Martin Diaz L. (2008): Taxometrics classification (hierarchical and ordination) of aquatic and semi-aquatic mosses: a preliminary model to bryodiversity management. – *Biotropia* 15: 135–154.
- Luís L., Bergamini A., Figueira R. & Sim-Sim M. (2010): Riparian bryophyte communities on Madeira: patterns and determinants of species richness and composition. – *Journal of Bryology* 32: 32–45.
- Lüth M. (2010): Doppelte Ausbreitungsstrategie bei *Splachnaceae* [Double tracked dispersal strategy in *Splachnaceae*]. – *Tropical Bryology* 31: 5–6.
- Lüth M. (2010): Ökologie und Vergesellschaftung von *Orthotrichum rogeri*. – *Herzogia* 23: 121–149.
- Ma W.-Z., Liu W.-Y. & Li X.-J. (2009): Species composition and life forms of epiphytic bryophytes in old-growth and secondary forests in Mt. Ailao, SW China. – *Cryptogamie Bryologie* 30: 477–500.
- Maier E. (2009): *Grimmia* in Europa: Ein Bestimmungsschlüssel. – *Herzogia* 22: 229–302.
- Makinde A. & Fajuke A. A. (2009): Adaptive strategies of mosses to desiccation. – *Notulae Botanicae Horti Agrobotanici Cluj-Napoca* 37: 191–193.
- Malcolm B., Malcolm N., Shevock J. & Norris D. (2009): California Mosses. – Micro-Optics Press, Nelson, New Zealand. [430 pp.]
- Mallón R., Rodríguez-Oubiña J. & Luz G. M. (2010): Vitrification of mosses: a useful method for the cryopreservation of *Splachnum ampullaceum* Hedw. – *Cryoletters* 31: 24–28.
- Mandl N. A., Kessler M. & Gradstein S. R. (2009): Effects of environmental heterogeneity on species diversity and composition of terrestrial bryophyte assemblages in tropical montane forests of southern Ecuador. – *Plant Ecology & Diversity* 2: 313–U19.
- Márialigeti S., Németh B., Tinya F. & Ódor P. (2009): The effects of stand structure on ground-floor bryophyte assemblages in temperate mixed forests. – *Biodiversity and Conservation* 18: 2223–2241.
- Markham J. H. (2009): Variation in moss-associated nitrogen fixation in boreal forest stands. – *Oecologia* 161: 353–359.
- Masuzaki H., Shimamura M., Furuki T., Tsubota H., Yamaguchi T., Majid H. M. A. & Deguchi H. (2010): Systematic position of the enigmatic liverwort *Mizutania* (*Mizutaniaceae*, *Marchantiophyta*) inferred from molecular phylogenetic analyses. – *Taxon* 59: 448–458.
- Mayer R., Kaufmann R., Vorhauser K. & Erschbamer B. (2009): Effects of grazing exclusion on species composition in high-altitude grasslands of the Central Alps. – *Basic and Applied Ecology* 10: 447–455.
- Mazimpaka V., Medina N. G., Draper I. & Lara F. (2009): Epiphytic bryophyte flora in dry environments from the Western Mediterranean: The special case of Sierra Alhamilla (Almería, Southeastern Spain). – *Plant Biosystems* 143, Suppl. 1: S113–S125.
- McClumont E. L., Mauquoy D., Yeloff D., Broekens P., van Geel B., Charman D. J., Pancost R. D., Chambers F. M. & Evershed R. P. (2009): The disappearance of *Sphagnum imbricatum* from Butterburn Flow, UK: a reply to comments by Björn Robroek et al. – *Holocene* 19: 1094–1097.
- McDaniel S. F. (2009): The genetic basis of natural variation in bryophyte model systems. – *Annual Plant Reviews* 36: 16–41.
- McDaniel S. F., von Stackelberg M., Richardt S., Quatrano R. S., Reski R. & Rensing S. A. (2010): The speciation history of the *Physcomitrium-Physcomitrella* species complex. – *Evolution* 64: 217–231.
- McWilliam-Hughes S. M., Jardine T. D. & Cunjak R. A. (2009): Instream C sources for primary consumers in two temperate, oligotrophic rivers: possible evidence of bryophytes as a food source. – *Journal of the North American Benthological Society* 28: 733–743.
- Medina N. G. (2009): On the presence of dimorphic spores in *Orthotrichum affine* (*Bryopsida*, *Orthotrichaceae*). – *Journal of Bryology* 31: 124–126.
- Medina R., Garilleti R., Mazimpaka V. & Lara F. (2009): A new look at *Orthotrichum scanicum* Grönvall (*Orthotrichaceae*, *Bryophyta*). – *Journal of Bryology* 31: 86–92.
- Medina R., Lara F., Albertos B., Draper I., Garilleti R. & Mazimpaka V. (2010): Epiphytic bryophytes in harsh environments: the *Juniperus thurifera* forests. – *Journal of Bryology* 32: 23–31.
- Melosik I. (2009): The effect of the ploidy level and genetic background of *Sphagnum denticulatum* on its morphology and ecological requirements. – *Oceanological and Hydrobiological Studies* 38: 153–164.

- Mendil D., Çelik F., Tuzen M. & Soylak M. (2009): Assessment of trace metal levels in some moss and lichen samples collected from near the motorway in Turkey. – *Journal of Hazardous Materials* 166: 1344–1350.
- Mežaka A., Brūmelis G. & Piterāns A. (2008): The distribution of epiphytic bryophyte and lichen species in relation to phorophyte characters in Latvian natural old-growth broad leaved forests. – *Folia Cryptogamica Estonica* 44: 89–99.
- Miller N. G. (2009): Lichens and bryophytes of the alpine and subalpine zones of Katahdin, Maine, III: Bryophytes. – *Bryologist* 112: 704–748.
- Miller N. G. (2009): Mosses adventive and naturalized in the Northeastern United States: new examples and new distributional records. – *Rhodora* 111: 218–230.
- Mishler B. D. & Oliver M. J. (2009): Putting *Physcomitrella patens* on the tree of life: the evolution and ecology of mosses. – *Annual Plant Reviews* 36: 1–15.
- Miwa H., Odrzykoski I. J., Matsui A., Hasegawa M., Akiyama H., Jia Y., Sabirov R., Takahashi H., Boufford D. E. & Murakami N. (2009): Adaptive evolution of *rbcL* in *Conocephalum* (*Hepaticae*, bryophytes). – *Gene* 441: 169–175.
- Mizutani M., Hasegawa J. & Iwatsuki Z. (2009): Type specimens of liverworts and hornworts located in the Herbarium of the Hattori Botanical Laboratory (NICH). – Hattori Botanical Laboratory, Nichinan, Japan. [iv+84 pp.]
- Montenegro G., Portaluppi M. C., Salas F. A. & Diaz M. F. (2009): Biological properties of the Chilean native moss *Sphagnum magellanicum*. – *Biological Research* 42: 233–237.
- Morales T. & Moreno E. (2009): Lista comentada de las Hepáticas (*Marchantiophyta*) de la region central de La Cordillera de la Costa Venezolana, colectadas por E. Rutkis. II. [Annotated list of Hepatics (*Marchantiophyta*) from central part of the Cordillera de la Costa Venezolana, collected by E. Rutkis. II]. – *Cryptogamie Bryologie* 30: 443–455.
- Morales T. (2009): The mosses (*Bryophyta*) of the Ávila National Park, sectors Cerro El Ávila – Lagunazo, Venezuela. – *Caldasia* 31: 251–267.
- Morgan S. W., Kirkpatrick J. B. & di Folco M.-B. (2010): Wind-controlled linear patterning and cyclic succession in Tasmanian Sphagnum mires. – *Journal of Ecology* 98: 583–591.
- Müller F. (2008): Rote Liste Moose Sachsen. – Sächsisches Landesamt für Umwelt und Geologie, Dresden. [60 pp.]
- Müller F. (2009): An updated checklist of the mosses of Chile. – *Archive for Bryology* 58: 1–124.
- Müller F. (2009): Moose als Dictungsmaterial im spätgotischen Hausbau – Ergebnisse eines Fundes in einer Blockstube in der Pirnaer Altstadt. – *Archive for Bryology* 43: 1–8.
- Müller F. (2010): Using data of bryophyte mapping projects for nature conservation purposes – a case study from Saxony. – *Tropical Bryology* 31: 14–21.
- Myking T., Arrestad P. A., Derome J., Bakkestuen V., Bierke J. W., Gytarsky M., Isaeva L., Karaban R., Korotkov V., Lindgren M., Lindroos A.-J., Røsberg I., Salemaa M., Tømmervik H. & Vassilieva N. (2009): Effects of air pollution from a nickel-copper industrial complex on boreal forest vegetation in the joint Russian-Norwegian-Finnish border area. – *Boreal Environment Research* 14: 279–296.
- Nakajima H., Itoh K., Otake H. & Fujimoto K. (2010): Photoabsorption study of pigments in mosses: *Scopelophila ligulata* has an abnormally high formation rate of pheophytin. – *Chemistry Letters* 39: 284–285.
- Nath V., Sahu V., Asthana A. K. & Yunus M. (2009): Heavy metal indicator *Marchantia paleacea* Bertol. (liverwort): A case study of Nainital (Uttarakhand). – *Proceedings of the National Academy of Sciences India, Section B – Biological Sciences* 79: 147–152.
- Newsham K. K. & Robinson S. A. (2009): Responses of plants in polar regions to UVB exposure: a meta-analysis. – *Global Change Biology* 15: 2574–2589.
- Newsham K. K. (2010): The biology and ecology of the liverwort *Cephalozziella varians* in Antarctica. – *Antarctic Science* 22: 131–143.
- Nilsen L. S. & Moen A. (2009): Coastal heath vegetation in central Norway. – *Nordic Journal of Botany* 27: 523–538.
- Novikova O., Smyshlyayev G. & Blinov A. (2010): Evolutionary genomics revealed interkingdom distribution of Tcn1-like chromodomain-containing Gypsy LTR retrotransposons among fungi and plants. – *BMC Genomics* 11: 231.
- Nowińska R. (2010): Reactions of the herb and moss layer, tree saplings and the shrub layer to tree deaths in forests of the Wielkopolska National Park (Western Poland). – *Biologia* 65: 265–272.
- O’Shea B. J. & Price M. J. (2008): An updated checklist of the mosses of Paraguay. – *Tropical Bryology* 29: 6–37.

- Oberpaur C., Puebla V., Vaccarezza F. & Arevalo M. E. (2010): Preliminary substrate mixtures including peat moss (*Sphagnum magellanicum*) for vegetable crop nurseries. – Ciencia E Investigacion Agraria 37: 123–132.
- Ochyra R. (2009): Mchy Tatr Tytusa Chałubińskiego. – Pamiętnik Polskiego Towarzystwa Tatrzanskiego 17: 73–102.
- Oishi Y. (2009): A survey method for evaluating drought-sensitive bryophytes in fragmented forests: A bryophyte life-form based approach. – Biological Conservation 142: 2854–2861.
- Oliver M. J., Hudgeons J., Dowd S. E. & Payton P. R. (2009): A combined subtractive suppression hybridization and expression profiling strategy to identify novel desiccation response transcripts from *Tortula ruralis* gametophytes. – Physiologia Plantarum 136: 437–460.
- Oliver M. J., Murdock A. G., Mishler B. D., Kuehl J. V., Boore J. L., Mandoli D. F., Everett K. D. E., Wolf P. G., Duffy A. M. & Karol K. G. (2010): Chloroplast genome sequence of the moss *Tortula ruralis*: gene content, polymorphism, and structural arrangement relative to other green plant chloroplast genomes. – BMC Genomics 11: 143.
- Olsson S., Buchbender V., Enroth J., Hedenäs L., Huttunen S. & Quandt D. (2009): Phylogenetic analyses reveal high levels of polyphyly among pleurocarpous lineages as well as novel clades. – Bryologist 112: 447–466.
- Olsson S., Buchbender V., Enroth J., Hedenäs L., Huttunen S. & Quandt D. (2010): Phylogenetic relationships in the ‚Pinnatella‘ clade of the moss family Neckeraceae (Bryophyta). – Organisms Diversity & Evolution 10: 107–122.
- Olsson S., Buchbender V., Enroth J., Huttunen S., Hedenäs L. & Quandt D. (2009): Evolution of the Neckeraceae (Bryophyta): resolving the backbone phylogeny. – Systematics and Biodiversity 7: 419–432.
- Orange A. (2009): Saxicolous lichen and bryophyte communities in upland Britain. – JNCC Report 404: 1–324.
- Ören M., Uyar G. & Keçeli T. (2010): *Anomodon longifolius* (Anomodontaceae, Bryopsida) new to the bryophyte flora of Turkey. – Turkish Journal of Botany 34: 141–145.
- Ortner B. (2008): *Tortula papillosoissima* (Coppey) Broth. var. *submamillosa* (W. A. Kramer) J. Heinrichs & S. Caspary erstmals in Österreich/Burgenland festgestellt. – Verhandlungen der Zoologisch-Botanischen Gesellschaft in Österreich 145: 107–112.
- Orzechowska M., Siwińska D. & Małuszyńska J. (2010): Molecular cytogenetic analyses of haploid and allopolyploid *Pellia* species. – Journal of Bryology 32: 113–121.
- Otero S., Núñez-Olivera E., Martínez-Abaigar J., Tomás R. & Huttunen S. (2009): Retrospective bioindication of stratospheric ozone and ultraviolet radiation using hydroxycinnamic acid derivatives of herbarium samples of an aquatic liverwort. – Environmental Pollution 157: 2335–2344.
- Özenoğlu Kiremit H. & Keçeli T. (2009): An annotated checklist of the Hepaticae and Anthocerotae of Turkey. – Cryptogamie Bryologie 30: 343–356.
- Pablo O. J., Castro A., Gaggero C., Cascón T., Schmelz E. A., Castresana C. & Ponce de León I. (2009): Pythium infection activates conserved plant defense responses in mosses. – Planta 230: 569–579.
- Paillet Y., Bergès L., Hjältén J., Ódor P., Avon C., Bernhardt-Römermann M., Bijlsma R.-J., De Bruyn L., Fuhr M., Grandin U., Kanka R., Lundin L., Luque S., Magura T., Matesanz S. & Mészáros I., Sebastià M.-T., Schmidt W., Standovár T., Tóthmérész B., Uotila A., Valladares F., Vellak K. & Virtanen R. (2010): Biodiversity differences between managed and unmanaged forests: meta-analysis of species richness in Europe. – Conservation Biology 24: 101–112.
- Papp B. (2008): Selection of Important Bryophyte Areas in Hungary. – Folia Cryptogamica Estonica 44: 101–111.
- Papp B. & Rajczy M. (2009): Changes of aquatic-riparian bryophyte vegetation between 1991–1992 and 2004 in the Szigetköz branch-system after the diversion of the Danube. – Acta Botanica Hungarica 51: 129–145.
- Papp B. & Sabovljević M. (2009): Notes on some new and interesting bryophyte records from Croatia. – Journal of Bryology 31: 272–275.
- Pata I. M. C., Balan C. D., Pata S.-M. & Macoveanu M. (2009): Passive biomonitoring of atmospheric pollution with heavy metals using native epigeic moss. – Environmental Engineering and Management Journal 8: 1281–1286.
- Patiño J., González-Mancebo J. M., Fernández-Palacios J. M., Arévalo J. R. & Bermúdez A. (2009): Short-term effects of clear-cutting on the biomass and richness of epiphytic bryophytes in managed subtropical cloud forests. – Annals of Forest Science 66: 609.

- Pätsch R., Hentschel J., Linares-Palomino R., Zhu R.-L. & Heinrichs J. (2010): Diversification and taxonomy of the liverwort *Jubula* Dumort. (*Jungermanniopsida: Porellales*) inferred from nuclear and chloroplast DNA sequences. – Systematic Botany 35: 6–12.
- Peckham S. D., Ahl D. E. & Gower S. T. (2009): Bryophyte cover estimation in a boreal black spruce forest using airborne lidar and multispectral sensors. – Remote Sensing of Environment 113: 1127–1132.
- Pereira A. L. D., Pôrto K. C. & do Pará M. O. J. R. (2010): Habitat loss effects on spatial distribution of non-vascular epiphytes in a Brazilian Atlantic forest. – Biodiversity and Conservation 19: 619–635.
- Pérez F. L. (2010): Biogeomorphic relationships between slope processes and globular *Grimmia* mosses in Haleakala's Crater (Maui, Hawai'i). – Geomorphology 116: 218–235.
- Peterson M. & Matthews R. (2009): Retention of salmon-derived N and P by bryophytes and microbiota in mesocosm streams. – Journal of the North American Benthological Society 28: 352–359.
- Pharo E. J. & Lindenmayer D. B. (2009): Biological legacies soften pine plantation effects for bryophytes. – Biodiversity and Conservation 18: 1751–1764.
- Philippi G. (2009): Vorkommen und Vergesellschaftung von *Heterocladium flaccidum* in Südwestdeutschland und Nachbargebieten. – Herzogia 22: 313–321.
- Plášek V. & Sawicki J. (2009): The moss *Orthotrichum moravicum*, an endemic species of Moravskoslezské Beskydy Mts. (Western Carpathians Mountain Range). – Nowellia Bryologica 38: 10–12.
- Plášek V. & Sawicki J. (2010): Is the hairy vaginula an diagnostic feature in the taxonomy of the genus *Orthotrichum*? – Acta Societatis Botanicorum Poloniae 79: 73–80.
- Polkolainen J., Piispanen J., Karhu J. & Kubin E. (2009): Long-term changes in nitrogen deposition in Finland (1990–2006) monitored using the moss *Hylocomium splendens*. – Environmental Pollution 157: 3091–3097.
- Popović D., Todorović D., Ajtić J. & Nikolić J. (2009): Active biomonitoring of air radioactivity in urban areas. – Nuclear Technology & Radiation Protection 24: 100–103.
- Porley R. D. & Edwards S. (2010): *Leptodontium proliferum* Herzog (*Bryopsida: Pottiaceae*), new to Europe. – Journal of Bryology 32: 46–50.
- Potemkin A. D. & Sofronova E. V. (2009): Pechenochniki i antotserotovye Rossii [Liverworts and hornworts of Russia]. Vol. 1. – Boston-Spectr, Sankt Petersburg & Yakutsk. [368 pp.]
- Pouliot R., Rochefort L. & Gauthier G. (2009): Moss carpets constrain the fertilizing effects of herbivores on graminoid plants in Arctic polygon fens. – Botany – Botanique 87: 1209–1222.
- Prach K., Košnar J., Klimešová J. & Hais M. (2010): High Arctic vegetation after 70 years: a repeated analysis from Svalbard. – Polar Biology 33: 635–639.
- Pressel S. & Duckett J. G. (2009): Studies of protonemal morphogenesis in mosses. XII. *Ephemerospis*, the zenith of morphological differentiation. – Journal of Bryology 31: 67–75.
- Preston C. D., Hill M. O., Pilkington S. & Pywell R. J. (2009): The effect of disturbance on the bryophyte flora of Salisbury Plain, western Europe's largest chalk grassland. – Journal of Bryology 31: 255–266.
- Preston C. D., Hill M. O., Porley R. D. & Bosanquet S. D. S. (2010): Survey of the bryophytes of arable land in Britain and Ireland 1: a classification of arable field assemblages. – Journal of Bryology 32: 61–79.
- Price J. S. & Whittington P. N. (2010): Water flow in *Sphagnum* hummocks: Mesocosm measurements and modelling. – Journal of Hydrology 381: 333–340.
- Privitera M. & Puglisi M. (2009): The circum-Sicilian islands as important refuge areas for some remarkable bryophytes. – Plant Biosystems 143, Suppl. 1: S126–S135.
- Proctor M. C. F. (2010): Trait correlations in bryophytes: exploring an alternative world. – New Phytologist 185: 1–3.
- Quandt D., Huttunen S., Tangney R. & Stech M. (2009): Back to the future? Molecules take us back to the 1925 classification of the *Lembophyllaceae* (*Bryopsida*). – Systematic Botany 34: 443–454.
- Quine C. P. & Humphrey J. W. (2010): Plantations of exotic tree species in Britain: irrelevant for biodiversity or novel habitat for native species?. – Biodiversity and Conservation 19: 1503–1512.
- Rabnecz Gy., Keresztfényi I., Isaák Gy., Jócsák I., Varga Zs. & Peli E. (2009): A biomonitoring investigation of an oil refinery in Hungary based on mosses. – Acta Botanica Hungarica 51: 179–184.
- Rambo T. R. (2010): Structure and composition of corticolous epiphyte communities in a Sierra Nevada old-growth mixed-conifer forest. – Bryologist 113: 55–71.
- Ramsay H. P. (2009): Chromosome numbers in some mosses from New Zealand. – Telopea 12: 425–438.
- Reis A. P., Patinha C., da Silva E. F., Sousa A., Figueira R., Sérgio C. & Novais V. (2010): Assessment of human exposure to environmental heavy metals in soils and bryophytes of the central region of Portugal. – International Journal of Environmental Health Research 20: 87–113.

- Remesh M. & Manju C. N. (2009): Ethnobryological notes from Western Ghats, India. – *Bryologist* 112: 532–537.
- Ren W., Tan H., Wu J., Deng Y., Wu Y., Tang Y. & Cui X. (2010): UV light spectral response of photosynthetic photochemical efficiency in alpine mosses. – *Journal of Plant Ecology* 3: 17–24.
- Renner M. A. M., Brown E. A. & Wardle G. M. (2009): Evidence for species recognition on the basis of a single specimen: *Nephelolejeunea carcharias* sp. nov. (*Lejeuneaceae: Jungermanniopsida*). – *Systematic Botany* 34: 615–624.
- Rheault H., Bélanger L., Grondin P., Ouimet R., Hébert C. & Dussault C. (2009): Stand composition and structure as indicators of epixylic diversity in old-growth boreal forests. – *Ecoscience* 16: 183–196.
- Ricca M. & Shaw A. J. (2010): Allopolyploidy and homoploid hybridization in the *Sphagnum subsecundum* complex (*Sphagnaceae: Bryophyta*). – *Biological Journal of the Linnean Society* 99: 135–151.
- Richter S., Schütze P. & Bruelheide H. (2009): Modelling epiphytic bryophyte vegetation in an urban landscape. – *Journal of Bryology* 31: 159–168.
- Riis T., Olesen B., Katborg C. K. & Christoffersen K. S. (2010): Growth rate of an aquatic bryophyte (*Warnstorffia fluitans* (Hedw.) Loeske) from a high Arctic lake: effect of nutrient concentration. – *Arctic* 63: 100–106.
- Rivera M., Zechmeister H., Medina-Ramón M., Basagaña X., Bouso L., Foraster M., Deltell A., Targa J., Solanas P., Ramos R., Vizcaya D. & Kuenzli N. (2009): Estimation of heavy metals concentrations in outdoor air using mosses. – *Epidemiology* 20: S77.
- Robroek B. J. M., van Ruijven J., Schouten M. G. C., Breeuwer A., Crushell P. H., Berendse F. & Limpens J. (2009): *Sphagnum* re-introduction in degraded peatlands: The effects of aggregation, species identity and water table. – *Basic and Applied Ecology* 10: 697–706.
- Robroek B. J. M., Waucomont J. G. M. & Schouten M. G. C. (2009): The disappearance of *S. imbricatum* from European raised bogs: a comment on McClymont et al.. – *Holocene* 19: 1093–1094.
- Ros R. M. & Herrnstadt I. (2010): New taxonomical data in the genus *Tortula* (*Pottiaceae, Bryophyta*). – *Tropical Bryology* 31: 150–153.
- Rosenstiel T. N. & Eppley S. M. (2009): Long-lived sperm in the geothermal bryophyte *Pohlia nutans*. – *Biology Letters* 5: 857–860.
- Rowntree J. K. & Ramsay M. M. (2009): How bryophytes came out of the cold: successful cryopreservation of threatened species. – *Biodiversity and Conservation* 18: 1413–1420.
- Sabovljević M. & Sabovljević A. (2009): Biodiversity within urban areas: A case study on bryophytes of the city of Cologne (NRW, Germany). – *Plant Biosystems* 143: 473–481.
- Sawicki J., Plášek V. & Szczecinska M. (2009): Preliminary studies on the phylogeny of *Orthotrichum* (*Bryophyta*) inferred from nuclear ITS sequences. – *Annales Botanici Fennici* 46: 507–515.
- Sawidis T., Tsikritzis L. & Tsigaridas K. (2009): Cesium-137 monitoring using mosses from W. Macedonia, N. Greece. – *Journal of Environmental Management* 90: 2620–2627.
- Schill D. B., Long D. G. & Forrest L. L. (2010): A molecular phylogenetic study of *Mannia* (*Marchantiophyta, Aytoniaceae*) using chloroplast and nuclear markers. – *Bryologist* 113: 164–179.
- Schill D. B., Miserere L. & Long D. G. (2009): Typification of *Sphaerocarpos michelii* Bellardi, *S. terrestris* Sm. and *Targionia sphaerocarpos* Dicks. (*Marchantiophyta, Sphaerocarpaceae*). – *Taxon* 58: 638–640.
- Schmalholz M. & Hylander K. (2009): Succession of bryophyte assemblages following clear-cut logging in boreal spruce-dominated forests in south-central Sweden – Does retrogressive succession occur?. – *Canadian Journal of Forest Research – Revue Canadienne de Recherche Forestière* 39: 1871–1880.
- Schubert R. (2009): Synopsis der Moosgesellschaften Sachsen-Anhalts. – *Schlechtendalia* 18: 1–158.
- Schwartzberg K. v. (2009): Hormonal regulation of development by auxin and cytokinin in moss. – *Annual Plant Reviews* 36: 246–281.
- Seifert E. (ed.) (2009): Epiphytische Moose im Erzgebirge (1997–2008). – Zweckverband Naturpark Erzgebirge/Vogtland. [62 pp. + CD]
- Sekulová L. & Hájek M. (2009): Diversity of subalpine and alpine vegetation of the eastern part of the Nízke Tatry Mts in Slovakia: major types and environmental gradients. – *Biologia* 64: 908–918.
- Séneca A. & Söderström L. (2008): Species richness and distribution ranges of European *Sphagnum*. – *Folia Cryptogamica Estonica* 44: 125–130.
- Séneca A. & Söderström L. (2009): *Sphagnophyta* of Europe and Macaronesia: a checklist with distribution data. – *Journal of Bryology* 31: 243–254.

- Shaw A. J., Devos N., Cox C. J., Boles S. B., Shaw B., Buchanan A. M., Cave L., Seppelt R. (2010): Peatmoss (*Sphagnum*) diversification associated with Miocene Northern Hemisphere climatic cooling?. – Molecular Phylogenetics and Evolution 55: 1139–1145.
- Šibík J., Dítě D., Šibíková I. & Pukajová D. (2008): Plant communities dominated by *Pinus mugo* agg. in Central Europe – comparison of the oligotrophic communities rich in *Sphagnum*. – Phytocoenologia 38: 221–238.
- Silva M. P. P. & Pôrto K. C. (2010): Spatial structure of bryophyte communities along an edge-interior gradient in an Atlantic forest remnant in Northeast Brazil. – Journal of Bryology 32: 101–112.
- Singh S. K. & Singh D. K. (2009): *Hepaticae* and *Anthocerotae* of Great Himalayan National Park and its Environs (HP), India. – Botanical Survey of India, Dehra Dun, India. [x + 465 pp.]
- Smith R. M., Thompson K., Warren P. H. & Gaston K. J. (2010): Urban domestic gardens (XIII): Composition of the bryophyte and lichen floras, and determinants of species richness. – Biological Conservation 143: 873–882.
- Snell K. R. S., Kokubun T., Griffiths H., Convey P., Hodgson D. A. & Newsham K. K. (2009): Quantifying the metabolic cost to an Antarctic liverwort of responding to an abrupt increase in UVB radiation exposure. – Global Change Biology 15: 2563–2573.
- Söderström L. & Séneca A. (2008): Species richness and range restricted species of liverworts in Europe and Macaronesia. – Folia Cryptogamica Estonica 44: 143–149.
- Soni A. & Kumar A. (2009): Protocol for improved extraction and PCR amplification of genomic DNA from liverwort, *Plagiochasma appendiculatum*. – Indian Journal of Experimental Biology 47: 921–924.
- Sotiaux A., Enroth J., Olsson S., Quandt D. & Vanderpoorten A. (2009): When morphology and molecules tell us different stories: a case-in-point with *Leptodon corsicus*, a new and unique endemic moss species from Corsica. – Journal of Bryology 31: 186–196.
- Spence J. R. (2009): New combinations in North American *Rosulabryum* (*Bryopsida*, *Bryaceae*). – Novon 19: 397–400.
- Spirina U. N. & Ignatov M. S. (2008): Branch development and pseudoparaphyllia of *Hypnum cupressiforme* (*Hypnales*, *Musci*). – Arctoa 17: 139–160.
- Spitale D. (2009): Spatial distribution of bryophytes along a moisture gradient: an approach using photosynthetic pigments as indicators of stress. – Ecological Research 24: 1279–1286.
- Spitale D. (2009): Switch between competition and facilitation within a seasonal scale at colony level in bryophytes. – Oecologia 160: 471–482.
- Spitale D. & Petraglia A. (2010): *Palustriella falcata* (Brid.) Hedenäs (*Amblystegiaceae*, *Bryopsida*) with pluristratose lamina: morphological variability of specimens in springs of the Italian Alps. – Plant Systematics and Evolution 286: 59–68.
- Sporn S. G., Bos M. M., Kessler M. & Gradstein S. R. (2010): Vertical distribution of epiphytic bryophytes in an Indonesian rainforest. – Biodiversity and Conservation 19: 745–760.
- Stark L. R., Brinda J. C. & McLetchie D. N. (2009): An experimental demonstration of the cost of sex and a potential resource limitation on reproduction in the moss *Pterygoneurum* (*Pottiaceae*). – American Journal of Botany 96: 1712–1721.
- Stech M. (2009): Bryophyte molecular systematics – current state of affairs with examples from the European bryoflora. – Gorteria 34: 41–52.
- Stenroos S., Laukka T., Huhtinen S., Döbbeler P., Mylllys L., Syrjänen K. & Hyvönen J. (2010): Multiple origins of symbioses between ascomycetes and bryophytes suggested by a five-gene phylogeny. – Cladistics 26: 281–300.
- Strack M., Waddington J. M., Lucchese M. C. & Cagampan J. P. (2009): Moisture controls on CO₂ exchange in a *Sphagnum*-dominated peatland: results from an extreme drought field experiment. – Ecohydrology 2: 454–461.
- Suarez G. M. (2010): Phylogenetic relationships of Neotropical species of the genus *Pohlia* (*Bryophyta*). – In: Szumik C. & Goloboff P. (eds.), A summit of cladistics: abstracts of the 27th Annual Meeting of the Willi Hennig Society and VIII Reunión Argentina de Cladística y Biogeografía, Cladistics 26, p. 225.
- Sundberg S. (2010): Size matters for violent discharge height and settling speed of *Sphagnum* spores: important attributes for dispersal potential. – Annals of Botany 105: 291–300.
- Sundberg S. (2010): The *Sphagnum* air-gun mechanism resurrected. – New Phytologist 185: 886–889.
- Szövényi P., Hock Zs., Korpelainen H. & Shaw A. J. (2009): Spatial pattern of nucleotide polymorphism indicates molecular adaptation in the bryophyte *Sphagnum fimbriatum*. – Molecular Phylogenetics and Evolution 53: 277–286.
- Szövényi P., Ricca M. & Shaw A. J. (2009): Multiple paternity and sporophytic inbreeding depression in a dioicous moss species. – Heredity 103: 394–403.

- Thouvenot L. & Bardat J. (2010): Liste actualisée et annotée des mousses de Nouvelle-Calédonie. – *Cryptogamie Bryologie* 31: 163–197.
- Tinya F., Márialigeti S., Király I., Németh B. & Ódor P. (2009): The effect of light conditions on herbs, bryophytes and seedlings of temperate mixed forests in Őrség, Western Hungary. – *Plant Ecology* 204: 69–81.
- Tng D. Y. P., Dalton P. J. & Jordan G. J. (2009): Does moisture affect the partitioning of bryophytes between terrestrial and epiphytic substrates within cool temperate rain forests?. – *Bryologist* 112: 506–519.
- Tomescu A. M. F., Pratt L. M., Rothwell G. W., Strother P. K. & Nadon G. C. (2009): Carbon isotopes support the presence of extensive land floras pre-dating the origin of vascular plants. – *Palaeogeography, Palaeoclimatology, Palaeoecology* 283: 46–59.
- Tougane K., Komatsu K., Bhyan S. B., Sakata Y., Ishizaki K., Yamato K. T., Kohchi T. & Takezawa D. (2010): Evolutionarily conserved regulatory mechanisms of abscisic acid signaling in land plants: characterization of *ABSCISIC ACID INSENSITIVE1*-like type 2C protein phosphatase in the liverwort *Marchantia polymorpha*. – *Plant Physiology* 152: 1529–1543.
- Turner P. A. M. & Kirkpatrick J. B. (2009): Do logging, followed by burning, and wildfire differ in their decadal scale effects on tall open-forest bryophytes and vascular plants?. – *Forest Ecology and Management* 258: 679–686.
- Valente E. B., Pôrto K. C., Vilas Bôas-Bastos S. B. & Bastos C. J. P. (2009): Mosses (*Bryophyta*) from a fragment of Atlantic Forest in the Jibóia Mountains, Santa Terezinha municipality, Bahia State, Brazil. – *Acta Botanica Brasilica* 23: 369–375.
- van Rooy J. & van Wyk A. E. (2010): The bryofloristic regions of southern Africa. – *Journal of Bryology* 32: 80–91.
- Váňa J. & Long D. G. (2008): *Hamatostrepta concinna* gen. et sp. nov. (*Jungermanniopsida*, *Scapaniaceae*), a new Asiatic leafy liverwort from the Sino-Burmese border. – *Fieldiana, Botany*, 193 (n. s.): 133–138.
- Váňa J. & Long D. G. (2009): *Jungermanniaceae* of the Sino-Himalayan region. – *Nova Hedwigia* 89: 485–517.
- Váňa J., Hentschel J. & Heinrichs J. (2010): New combinations in *Jungermanniales*: transfer of 32 taxa to *Solenostoma* Mitt. – *Cryptogamie Bryologie* 31: 135–139.
- Vanderpoorten A. & Goffinet B. (2009): Introduction to Bryophytes. – Cambridge University Press, Cambridge. [303 pp.]
- Vanderpoorten A., Schäfer-Verwimp A., Heinrichs J., Devos N. & Long D. G. (2010): The taxonomy of the leafy liverwort genus *Leptoscyphus* (*Lophocoleaceae*) revisited. – *Taxon* 59: 176–186.
- Vellak K., Ingerpuu N., Vellak A. & Pärtel M. (2010): Vascular plant and bryophytes species representation in the protected areas network on the national scale. – *Biodiversity and Conservation* 19: 1353–1364.
- Victoria F. C., da Costa D. P. & Pereira A. B. (2009): Life-forms of moss species in defrosting areas of King George Island, South Shetland Islands, Antarctica. – *Bioscience Journal* 25: 151–160.
- Victoria F. C., Pereira A. B. & da Costa D. P. (2009): Composition and distribution of moss formations in the ice-free areas adjoining the Arctowski region, Admiralty Bay, King George Island, Antarctica. – *Iheringia, Sér. Bot.* 64: 81–91.
- Vieira A. R., Gonzalez C., Martins-Louçao M. A. & Branquinho C. (2009): Intracellular and extracellular ammonium (NH_4^+) uptake and its toxic effects on the aquatic biomonitor *Fontinalis antipyretica*. – *Ecotoxicology* 18: 1087–1094.
- Vilas Bôas-Bastos S. B. & Passos B. C. J. (2009): Pleurocarpous mosses from Atlantic forest fragments at the Michelin ecological reserve, Igrapiuna County, Bahia State Brazil. II – *Hypnales* (*Bryophyta*: *Bryopsida*). – *Acta Botanica Brasilica* 23: 630–643.
- Villarreal J. C., Goffinet B., Duff R. J. & Cargill D. C. (2010): Phylogenetic delineation of *Nothoceros* and *Megaceros* (*Dendrocerotaceae*). – *Bryologist* 113: 106–113.
- Vilnet A. A., Konstantinova N. A. & Troitsky A. V. (2009): Genosystematics and new insight into the phylogeny and taxonomy of liverworts. – *Molecular Biology* 43: 783–793.
- Vinichuk M., Johanson K. J., Rydin H. & Rosén K. (2010): The distribution of ^{137}Cs , K, Rb and Cs in plants in a *Sphagnum*-dominated peatland in eastern central Sweden. – *Journal of Environmental Radioactivity* 101: 170–176.
- Virtanen R., Ilmonen J., Paasivirta L. & Muotka T. (2009): Community concordance between bryophyte and insect assemblages in boreal springs: a broad-scale study in isolated habitats. – *Freshwater Biology* 54: 1651–1662.

- von Konrat M., Söderström L., Hagborg A., Crosby M. R. & Engel J. J. (2010): Early land plants today: Index of liverworts & hornworts 2006–2008. – *Cryptogamie Bryologie* 31: 3–30.
- Vukojević V., Sabovljević M., Sabovljević A., Mihajlović N., Dražić G. & Vučinić Z. (2009): Determination of heavy metal deposition in the county of Obrenovac (Serbia) using mosses as bioindicators. IV. Manganese (Mn), Molybdenum (Mo), And Nickel (Ni). – *Archives of Biological Sciences* 61: 835–845.
- Wahrmund U., Quandt D. & Knoop V. (2010): The phylogeny of mosses – addressing open issues with a new mitochondrial locus: Group I intron cobi420. – *Molecular Phylogenetics and Evolution* 54: 417–426.
- Wahrmund U., Rein T., Mueller K. F., Groth-Malonek M. & Knoop V. (2009): Fifty mosses on five trees: comparing phylogenetic information in three types of non-coding mitochondrial DNA and two chloroplast loci. – *Plant Systematics and Evolution* 282: 241–255.
- Waite M. & Sack L. (2010): How does moss photosynthesis relate to leaf and canopy structure? Trait relationships for 10 Hawaiian species of contrasting light habitats. – *New Phytologist* 185: 156–172.
- Wang B., Xue J., Li L., Liu Y. & Qiu Y.-L. (2009): The complete mitochondrial genome sequence of the liverwort *Pleurozia purpurea* reveals extremely conservative mitochondrial genome evolution in liverworts. – *Current Genetics* 55: 601–609.
- Wang B., Yeun L. H., Xue J.-Y., Liu Y., Ane J.-M. & Qiu Y.-L. (2010): Presence of three mycorrhizal genes in the common ancestor of land plants suggests a key role of mycorrhizas in the colonization of land by plants. – *New Phytologist* 186: 514–525.
- Wang C.-Y. & Zhao J.-C. (2009): Phylogeny of *Ptychostomum* (*Bryaceae, Musci*) inferred from sequences of nuclear ribosomal DNA internal transcribed spacer (ITS) and chloroplast *rps4*. – *Journal of Systematics and Evolution* 47: 311–320.
- Wang Q., Jia Y., Liu Y. & Chen Z. (2010): The systematic position of *Meteoriella* S. Okamura (*Musci*) based on molecular and morphological data. – *Taxon* 59: 93–100.
- Werner J., Bardat J., Vanot M. & Prey T. (2009): Check-list des bryophytes (*Anthocerotae, Hepaticae, Musci*) de Haute-Normandie (France) [Bryophyte (*Anthocerotae, Hepaticae, Musci*) check-list of upper Normandy (France)]. – *Cryptogamie Bryologie* 30: 457–475.
- Werner O., Köckinger H., Jiménez J. A. & Ros R. M. (2009): Molecular and morphological studies on the *Didymodon tophaceus* complex. – *Plant Biosystems* 143, Suppl. 1: S136–S145.
- Wieder R. K., Vitt D. H., Burke-Scoll M., Scott K. D., House M. & Vile M. A. (2010): Nitrogen and sulphur deposition and the growth of *Sphagnum fuscum* in bogs of the Athabasca Oil Sands Region, Alberta. – *Journal of Limnology* 69, Suppl. 1: 161–170.
- Wilbraham J. & Ellis L. (2010): Further taxonomic studies on the families *Calympetraceae* (*Musci*) and *Orthotrichaceae* (*Musci*) in the bryoflora of Reunion Island, with notes on taxa from other islands in the western Indian Ocean. – *Cryptogamie Bryologie* 31: 31–66.
- Woodin S. J., van der Wal R., Sommerkorn M. & Gornall J. L. (2009): Differential allocation of carbon in mosses and grasses governs ecosystem sequestration: a ^{13}C tracer study in the high Arctic. – *New Phytologist* 184: 944–949.
- Wynns J. T., Keith J. N., Murrell Z. E., McFarland K. D. & Buck W. R. (2009): Studies on aquatic *Oxyrrhynchium* (*Brachytheciaceae*), with an emphasis on *O. pringlei* n. comb. – *Bryologist* 112: 786–803.
- Xiao H.-Y., Tang C.-G., Xiao H.-W., Liu X.-Y. & Liu C.-Q. (2009): Identifying the change in atmospheric sulfur sources in China using isotopic ratios in mosses. – *Journal of Geophysical Research – Atmospheres* 114: D16304.
- Xue J.-Y., Liu Y., Li L., Wang B. & Qiu Y.-L. (2010): The complete mitochondrial genome sequence of the hornwort *Phaeoceros laevis*: retention of many ancient pseudogenes and conservative evolution of mitochondrial genomes in hornworts. – *Current Genetics* 56: 53–61.
- Yao T. L., Kamarudin S., Chew M. Y. & Kiew R. (2009): *Sphagnum* bogs of Kelantan, Peninsular Malaysia. – *Blumea* 54: 139–141.
- Yu J., Devos N., Majestyk P. & Shaw A. J. (2010): Intercontinentally disjunct species are derived rather than relictual in the moss genus *Daltonia* (*Bryophyta*). – *Taxon* 59: 459–465.
- Zackrisson O., DeLuca T. H., Gentili F., Sellstedt A. & Jaderlund A. (2009): Nitrogen fixation in mixed *Hylocomium splendens* moss communities. – *Oecologia* 160: 309–319.
- Zander R. H. (2009): Evolutionary analysis of five bryophyte families using virtual fossils. – *Anales del Jardín Botánico de Madrid* 66: 263–277.
- Zander R. H. & Hedderston T. A. (2009): *Acaulonopsis*, a new moss genus of the *Pottiaceae* from Western Cape Province of South Africa, and comments on *Vrolijkheidia*. – *Journal of Bryology* 31: 234–239.

Zobell O., Faigl W., Saedler H. & Münster T. (2010): MIKC* MADS-box proteins: conserved regulators of the gametophytic generation of land plants. – Molecular Biology and Evolution 27: 1201–1211.

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

1. Články a knižní publikace [Papers and books]

- Bastl M., Štechová T. & Prach K. (2009): Effect of disturbance on the vegetation of peat bogs with *Pinus rotundata* in the Třeboň Basin, Czech Republic. – Preslia 81: 105–117.
- Berka T. (2008): Mechiorosty severozápadní části Brtnické vrchoviny [Bryophytes of the northwest part of the Brtnická vrchovina Highlands]. – Acta Rerum Naturalium 4–5: 115–132.
- Chiarucci A., Calderisi M., Casini F. & Bonini I. (2008): Vegetation at the limits for vegetation: vascular plants, bryophytes and lichens in a geothermal field. – Folia Geobotanica 43: 19–33.
- Duda J. & Duda J. (2009): Mechiorosty okolí obce Brodno u Žiliny. – Časopis Slezského Zemského Muzea, Ser. A, 58: 20.
- Hájek M., Hájková P., Apostolova I., Horská M., Plášek V., Shaw B. & Lazarova M. (2009): Disjunct occurrences of plant species in the refugial mires of Bulgaria. – Folia Geobotanica 44: 365–385.
- Hradilek Z. (2009): The bryophyte flora of Vrapač National Nature Reserve. – In: Machar I. (ed.), History, biodiversity, and management of floodplain Forest (Case study of National Nature Reserve of Vrapač, Czech Republic), p. 61–72, Univerzita Palackého v Olomouci, Olomouc.
- Hradilek Z. & Němcová L. (2009): Rozšíření mechů *Fissidens arnoldii* a *F. rufulus* v České republice a na Slovensku. – Zprávy České Botanické Společnosti 44: 103–112.
- Košnar J. & Kovář F. (2009): A taxonomic study of selected European taxa of the *Tortula muralis* (*Pottiaceae, Musci*) complex: variation in morphology and ploidy level. – Preslia 81: 399–421.
- Kubešová S., Tkačíková J. & Dančák M. (2009): Bryoflóra vybraných pískovcových výchozů na Vsetínsku [Bryoflora of sandstone rocks in the Vsetín region, East Moravia, Czech Republic]. – Bryonora 44: 13–20.
- Kučera J. (ed.) (2009): Mechiorosty zaznamenané během 16. jarního setkání Bryologicko-lichenologické sekce ČBS ve Svatošských skalách na Karlovarsku [Bryophytes recorded during the 16th Spring Meeting of the Bryological and Lichenological Section of the CBS in Svatošské skály near Karlovy Vary (W Bohemia)]. – Bryonora 43: 3–11.
- Kučera J. (ed.) (2009): Zajímavé bryofloristické nálezy XIII (sub XII). [Interesting bryofloristic records, XIII]. – Bryonora 43: 11–13.
- Kučera J. (ed.) (2009): Zajímavé bryofloristické nálezy XIV. [Interesting bryofloristic records, XIV]. – Bryonora 44: 34–39.
- Kučera J. (2009): Bryoflora of the Žofínský Prales nature reserve (Novohradské hory Mts., South Bohemia). – Silva Gabreta 15: 97–120.
- Kučera J., Kubešová S., Hájek M. & Plášek V. (2009): Nová bryologická literatura XXI. [New bryological literature, XXI]. – Bryonora 43: 25–35.
- Kučera J., Zmrhalová M., Shaw B., Košnar J., Plášek V. & Váňa J. (2009): Bryoflora of selected localities of the Hrubý Jeseník Mts summit regions. – Časopis Slezského Zemského Muzea, Ser. A, 58: 115–167.
- Marková I., Kubešová S., Čížková P., Mikulášková E., Musil Z., Novotný I., Škvárová Š. & Štechová T. (2009): Mechiorosty zaznamenané v průběhu 22. podzimních bryologicko-lichenologických dnů v Železných horách [Bryophytes recorded during the 22nd Autumn Meeting of the Bryological and Lichenological Section of the ČBS in the Železné hory Highlands (E Bohemia)]. – Bryonora 44: 21–27.
- Pisarek W., Sawicki J., Szczepański M. & Duriasz J. (2009): Bryological notes from Dylewo Hills (NE Poland). – Časopis Slezského Zemského Muzea, Ser. A, 58: 21–26.
- Plášek V. (2009): Šurpek moravský, nový mech popsaný z Beskyd. – Beskydy. Zpravodaj Chráněné Krajinné Oblasti (2009): 15.
- Plášek V. & Cimalová Š. (eds.) (2009): Zajímavé botanické nálezy z regionu severní Moravy a Slezska III. – Časopis Slezského Zemského Muzea, Ser. A, 58: 239–242.
- Plášek V. & Sawicki J. (2009): Does the epiphytic moss *Orthotrichum microcarpum* De Not grow in Poland?. – Časopis Slezského Zemského Muzea, Ser. A, 58: 191–192.
- Plášek V., Zmrhalová M. & Číhal L. (2009): Epifytické mechiorosty z čeledi *Orthotrichaceae* v Hrubém Jeseníku. Srovnání historických a recentních dat. – Naturae Tutela 13: 219–224.
- Soldán Z. (2010): Tajemství mechiorostů: underground. – Živa 2010/1: 10–11.
- Šoltés R. (2008): *Philonotis marchica* (Bryophyta), new record in Slovakia (exhausted fen Krivý kút, Poprad Basin). – Thaiszia 18: 51–54.
- Šoltés R. (2008): *Racomitrium elongatum* Frisvoll, a neglected Slovakian bryophyte. – Thaiszia 18: 59–64.

- Šoltés R. (2010): *Racomitrium ericoides* (*Bryophyta*) in the Tatra Mountains, Slovakia. – *Oecologia Montana* 15(2006): 3–5.
- Štechová T. & Štech M. (2009): Současné lokality *Hamatocaulis vernicosus* (Mitt.) Hedenäs na Českomoravské vrchovině [Recent localities of *Hamatocaulis vernicosus* (Mitt.) Hedenäs on the Bohemian-Moravian Highlands]. – *Acta Rerum Naturalium* 6–7: 13–24.
- Temsch E. M., Greilhuber J. & Krisai R. (2010): Genome size in liverworts. – *Preslia* 82: 63–80.

2. Recenze [Reviews]

- Krahulec F. (2009): Zprávy o literatuře. – *Zprávy české botanické společnosti* 44: 331–332 [Kliment J. & al. (2008): Príroda Veľkej Fatry. Lišajníky, machorasty, cievnaté rastliny. – Vydavateľstvo Univerzity Komenského, Bratislava]
- Kučera J. (2009): Recenze. – *Bryonora* 43: 21–22 [Köckinger H., Suanjak M., Schriebl A. & Schröck C. (2008): Die Moose Kärntens. – Verlag der Naturwissenschaftlichen Vereins für Kärnten, Klagenfurt]
- Kučera J. (2009): Recenze. – *Bryonora* 43: 23 [Hallingbäck T., Lönnell N. & Weibull H. (2008): Nationalnyckeln till Sveriges flora och fauna. Bladmossor: Kompaktmossor – kapmossor. *Bryophyta: Anoectangium – Orthodontium*. – ArtDatabanken, SLU, Uppsala]
- Lackovičová A. (2009): Recenze. – *Bryonora* 43: 23–24 [Kliment J. & al. (2008): Príroda Veľkej Fatry. Lišajníky, machorasty, cievnaté rastliny. – Vydavateľstvo Univerzity Komenského, Bratislava]

3. Rukopisné práce [Manuscripts]

- Barcalová M. (2010): Mechorasty na vybraných lokalitách na levém břehu Labe mezi Děčínem a Hřenskem. – Ms., 96 pp. + CD [Bc. thesis, in Czech, Jan Evangelista Purkyně University, Ústí nad Labem]
- Czernerová D. (2010): Bryoekologická studie mechorostů v zemědělské krajině Dolního Slezska. – Ms., 42 pp. [MSc. thesis, in Czech, University of Ostrava, Ostrava]
- Číhal L. (2010): Kritické zhodnocení výskytu epifytických mechorostů na území Hrubého Jeseníku. – Ms., 52 pp. [MSc. thesis, in Czech, University of Ostrava, Ostrava]
- Davídková M. (2010): Mechorasty na vybraných lokalitách na pravém břehu Labe mezi Děčínem a Hřenskem. – Ms., 86 pp. + CD [Bc. thesis, in Czech, Jan Evangelista Purkyně University, Ústí nad Labem]
- Fibigrová J. (2006): Aktuální stav rozšíření xerotermních játrovek v sz. Čechách. – Ms., 104 pp. +append. [MSc. thesis, in Czech, Jan Evangelista Purkyně University, Ústí nad Labem]
- Gráttová E. (2009): Sledování epifytických mechorostů v CHKO Český ráj. – Ms., 196 pp. + CD [MSc. thesis, in Czech, Jan Evangelista Purkyně University, Ústí nad Labem]
- Hergerová K. (2009): Příspěvek k poznání bryoflóry okolí obce Horní Vysoké na Úštěcku. – Ms., 73 pp. + CD [MSc. thesis, in Czech, Jan Evangelista Purkyně University, Ústí nad Labem]
- Hovorková H. (2008): Mechorasty vybraných lokalit v jižní části Českého středohoří. – Ms., 80 pp. + CD [MSc. thesis, in Czech, Jan Evangelista Purkyně University, Ústí nad Labem]
- Hradilek Z. (2009): Mechorasty PR Machová v Bílých Karpatech. – Ms., 15 pp. [depon. in: Správa CHKO Bílé Karpaty Veselí nad Moravou]
- Hulíková M. (2003): Mechorasty Lovoše a Opárenského údolí. – Ms., 64 pp. + append. [MSc. thesis, in Czech, Jan Evangelista Purkyně University, Ústí nad Labem]
- Jandová J. (2009): Taxonomická problematika v okruhu *Dicranum viride* – *D. fulvum*: pilotní studie genetické variability typických a morfologicky přechodných populací obou druhů. – Ms., 5 pp. [depon. in: AOPK ČR, Praha]
- Kolářová M. (2010): Mechorasty vrchu Růžák v NP České Švýcarsko. – Ms., 76 pp. + CD [Bc. thesis, in Czech, Jan Evangelista Purkyně University, Ústí nad Labem]
- Kubešová S. (2009): Bryofloristický inventarizační průzkum Přírodní rezervace U Výpustku. – Ms., 19 pp. [depon. in: Správa CHKO Moravský kras, Blansko]
- Kubešová S., Novotný I. & Sutorý K. (2009): Inventarizační průzkum cévnatých rostlin a mechorostů PP Zkamenělý zámek. – Ms., 9 pp. [depon. in: Správa CHKO Žďárské vrchy, Žďár n. S. a Botanické odd. MZM, Brno]
- Kubešová S., Novotný I. & Sutorý K. (2009): Inventarizační průzkum cévnatých rostlin a mechorostů PR Čtyři palice. – Ms., 16 pp. [depon. in: Správa CHKO Žďárské vrchy, Žďár n. S. a Botanické odd. MZM, Brno]
- Kubešová S., Novotný I. & Sutorý K. (2009): Inventarizační průzkum cévnatých rostlin a mechorostů PP Štarkov. – Ms., 12 pp. [depon. in: Správa CHKO Žďárské vrchy, Žďár n. S., Botanické odd. MZM, Brno]

- Kubešová S., Novotný I. & Sutorý K. (2009): Inventarizační průzkum cévnatých rostlin a mechorostů PP Prosička. – Ms., 10 pp. [depon. in: Správa CHKO Žďárské vrchy, Žďár n. S., Botanické odd. MZM, Brno]
- Kubešová S., Novotný I. & Štechová T. (2009): Ohrožené mechorosty rašeliniště – *Meesia triquetra*. – Ms., 14 pp. [depon. in: AOPK ČR, Praha, Botanické odd. MZM, Brno]
- Kubešová S., Novotný I., Štechová T. & Zmrhalová M. (2009): Ohrožené mechorosty rašeliniště – *Helodium blandowii*. – Ms., 19 pp. [depon. in: AOPK ČR, Praha a Botanické odd. MZM, Brno]
- Kučera (2008): Zpráva o monitoringu mechu *Buxbaumia viridis* na lokalitě Uhlíkovský vrch (CHKO Šumava) v roce 2008. – Ms., 5 pp. [depon. in: AOPK ČR, Praha]
- Kučera J. (2009): Zpráva o monitoringu druhu *Harpanthus scutatus* (F. Weber & D. Mohr) Spruce na lokalitách Žofinský prales a Boubínský prales. – Ms., 9 pp. [depon. in: AOPK ČR, Praha]
- Kučera J. (2009): Zpráva o monitoringu druhu *Notothylas orbicularis* (Schwein.) A. Gray na Vyšebrodsku. – Ms., 6 pp. [depon. in: AOPK ČR, Praha]
- Kučera J. (2009): Zpráva o monitoringu druhů *Rhynchostegiella tenuicaulis*, *Hypnum fertile*, *Hypnum imponens* na lokalitě Žofinský prales. – Ms., 8 pp. [depon. in: AOPK ČR, Praha]
- Kučera J., Novozámská E. & Plášek V. (2009): Zpráva o monitoringu druhu *Orthotrichum rogeri* Brid. – Ms., 8 pp. [depon. in: AOPK ČR, Praha]
- Lienertová J. (2009): Mechiorsty vybraných lokalit v Českém středohoří (1. část – Radobyl). – Ms., 62 pp. + CD [Bc. thesis, in Czech, Jan Evangelista Purkyně University, Ústí nad Labem]
- Lysák F. (2009): Ohrožené mechiorsty rašeliniště. Průzkum na Vysočině v roce 2009. – Ms., 18 pp. [depon. in: AOPK ČR, Praha]
- Manukjanová A. & Kubešová S. (2009): Ohrožené mechiorsty rašeliniště: *Scorpidium scorpioides*. – Ms., 17 pp. [depon. in: AOPK ČR, Praha]
- Musil Z. (2009): Monitoring mechu drobnolístku nahého (*Disclerium nudum*) – Seč u Rudice v Moravském krasu. – Ms., 3 pp. [depon. in: AOPK ČR, Praha, Správa CHKO Moravský kras, Blansko]
- Němcová L. (2008): Inventarizační průzkum připravovaného ZCHÚ Rašelinště Antonínov pro obor bryologie – mechiorsty. – Ms., 8 pp. [depon. in: Správa CHKO Labské pískovce, Děčín]
- Němcová L. (2009): Závěrečná zpráva Inventarizační bryologický průzkum Čedičový vrch 2009. – Ms., 6 pp. [depon. in: Správa CHKO Labské pískovce, Děčín]
- Němcová L. (2009): Závěrečná zpráva. Inventarizační bryologický průzkum Všemilský bor 2009. – Ms., 12 pp. [depon. in: Správa CHKO Labské pískovce, Děčín]
- Nováková M. (2000): Fenologie vybraných druhů mechiorstů na rašelinistech pravobřežní části Lipenské nádrže [Phenology of selected bryophyte species on peat bogs of right-bank area of Lipenská nádrž]. – Ms., 34 pp. [Bc. thesis, in Czech, University of South Bohemia, České Budějovice]
- Pasečná M. (2009): Bryoekologická studie epifytických mechiorstů v povodí Černé Ostravice. – Ms., 71 pp. [MSc. thesis, in Czech, University of Ostrava, Ostrava]
- Pavlásková K. (2003): Mechiorsty Babiččina údolí. – Ms., 79 pp. [MSc. thesis, in Czech, Jan Evangelista Purkyně University, Ústí nad Labem]
- Procházková Z. (2005): Mechiorsty Pekelského údolí u Zahrádk. – Ms., 105 pp. + append. [MSc. thesis, in Czech, Jan Evangelista Purkyně University, Ústí nad Labem]
- Sova P. (2003): Srovnávací ekologie játrovek *Jungermannia caespiticia* Lindenb. a *Jungermannia gracillima* Sm. [Comparative ecology of liverworts *Jungermannia caespiticia* Lindenb. and *Jungermannia gracillima* Sm.]. – Ms., 43 pp. [Bc. thesis, in Czech, University of South Bohemia, České Budějovice]
- Štechová T. (2009): Inventarizační průzkum PP Rašelinště pod Předním vrchem. – Ms., 7 pp. [depon. in: AOPK ČR, Praha, Správa CHKO Orlické hory, Rychnov nad Kněžnou]
- Štechová T. (2009): Inventarizační průzkum PR Hraniční louka. – Ms., 7 pp. [depon. in: AOPK ČR, Praha, Správa CHKO Orlické hory, Rychnov nad Kněžnou]
- Štechová T. (2009): Inventarizační průzkum PR Pod Zakletým. – Ms., 7 pp. [depon. in: AOPK ČR, Praha, Správa CHKO Orlické hory, Rychnov nad Kněžnou]
- Štechová T., Hradílek Z., Kubešová S., Lysák F. & Peterka T. (2009): Výsledky intenzivního monitoringu druhu *Paludella squarrosa* (Meesiaceae) v roce 2009. – Ms., 37 pp. [depon. in: AOPK ČR, Praha]
- Táborská M. (2009): Proměnlivost vegetace mechiorstů skalních a suťových stanovišť na výškovém gradientu v jižní části hlavního hřebene Hrubého Jeseníku [Variability of vegetation of mosses of rocky and scree sites on an altitudinal gradient in the southern part of the main ridge of the Hrubý Jeseník Mts.]. – 36 pp. + append. [Bc. thesis, in Czech, Masaryk University, Brno]
- Váňa J. (2008): Mechiorsty NPR „Divoká Šárka“ (rok 2008). – Ms., 10 pp. [depon. in: ŽS-IOŽP-MIS, Praha]

- Váňa J. (2009): Poznámky k výskytu mechorostů v chráněném území „Prokopské údolí“ (rok 2009). – Ms., 11 pp. [depon. in: ŽS-IOŽP-MIS, Praha]
- Velehradská T. (2010): Vliv managementu na vegetaci a druhovou diverzitu cévnatých rostlin a mechorostů na rašelinných loukách na Šumavě. – Ms., 52 pp. + append. [Bc. Thesis, in Czech, depon. in: University of South Bohemia, České Budějovice]
- Vicherová E. (2009): Vliv stromů a hladiny podzemní vody na vegetaci dvou šumavských vrchovišť. – Ms., 64 pp. [Bc. Thesis, in Czech, depon. in: University of South Bohemia, České Budějovice]
- Vršovská L. (2005): Mechiorosti vybraných lokalit v Jizerských horách. – Ms., 80 pp. + append., CD [MSc. thesis, in Czech, Jan Evangelista Purkyně University, Ústí nad Labem]

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

- Černý R. (2010): Tůně nivy řeky Lužnice – dynamika vývoje a změny po povodních. – Živa 2010/2: 55–59.
- Dolejší C. (2009): Variabilita vegetace zdí jižně od Karlových Varů [Variability of wall vegetation south of Karlovy Vary]. – Ms., 63 pp. [Bc. thesis, in Czech, Masaryk University, Brno]
- Ekrlová E. & Čech L. (2008): Floristická a vegetační průzkum lokality Horní Mrzatec v Jihlavských vrších [Floristic and vegetation research of the Horní Mrzatec fishpond in Jihlavské vrchy hills]. – Acta Rerum Naturalium 4–5: 195–206.
- Ekrlová E., Ekrt L. & Košnar J. (2009): Botanický inventarizační průzkum Přírodní památky Rašelinště u Suchdola – Ms., 26 pp. [depon. in: Krajský úřad Jihočeského kraje, České Budějovice]
- Gonda M. (2009): Variabilita rastlinných spoločenstiev s druhom *Sesleria uliginosa* na lokálnej a širokej geografickej mierke [Variation in plant communities with *Sesleria uliginosa* at local and regional scale]. – 88 pp. [MSc. thesis, in Slovak, Masaryk University, Brno]
- Hejdová M. (2008): Srovnání bylinného patra listnatých lesů a jehličnatých kultur v Chřibech. – 49 pp. + CD [Bc. thesis, in Czech, Masaryk University, Brno]
- Hradílek Z. (2009): NPR Hůrka u Hranic. Botanický inventarizační průzkum. Cévnaté rostliny a mechiorosti. – Ms., 45 pp. [depon. in: Správa CHKO Poodří, Studénka]
- Juřička J. & Juřičková K. (2008): Inventarizace flóry a vegetace Přírodní památky Mlýnský potok a Uhlířky (CHKO Žďárské vrchy) [Inventarization of the flora and vegetation of Mlýnský potok and Uhlířky reserve]. – Acta rerum naturalium 4–5: 31–42.
- Juřička J. & Juřičková K. (2008): Inventarizace flóry a vegetace Přírodní rezervace Branty (CHKO Žďárské vrchy) [Inventarization of flora and vegetation of Branty reserve]. – Acta Rerum Naturalium 4–5: 133–146.
- Juřička J. & Juřičková K. (2009): Inventarizace flóry a vegetace Přírodní památky Suché kopce (CHKO Žďárské vrchy) [Inventarization of flora and vegetation of Suché kopce reserve]. – Acta Rerum Naturalium 6–7: 75–88.
- Koptík J. (ed.) (2005): Inventarizační průzkum přírodní památky Louka u Šnajberského rybníka. – Ms., 45 pp. [depon. in: Krajský úřad Plzeňského kraje, Plzeň]
- Koptík J. (ed.) (2005): Inventarizační průzkum přírodní památky V Houlištích. – Ms., 48 pp. [depon. in: Krajský úřad Plzeňského kraje, Plzeň]
- Koptík J. (ed.) (2005): Zpráva z inventarizačního průzkumu PP Pod Smutným koutem (okres Plzeň-jih). – Ms., 32 pp. [depon. in: Krajský úřad Plzeňského kraje, Plzeň]
- Koptík J. (ed.) (2006): Inventarizační průzkum přírodní památky Krasíkov. – Ms., 51 pp. [depon. in: Krajský úřad Plzeňského kraje, Plzeň]
- Koptík J. (ed.) (2006): Zpráva z inventarizačního průzkumu PR Hradišťský vrch. – Ms., 53 pp. [depon. in: Krajský úřad Plzeňského kraje, Plzeň]
- Koptík J. (ed.) (2008): Zpráva z inventarizačního průzkumu přírodní rezervace Milčice. – Ms., 63 pp. [depon. in: Krajský úřad Plzeňského kraje, Plzeň]
- Koptík J. (ed.) (2008): Zpráva z inventarizačního průzkumu přírodní rezervace Jezvinec. – Ms., 37 pp. [depon. in: Krajský úřad Plzeňského kraje, Plzeň]
- Koptík J. (ed.) (2009): Zpráva z mykologického, lichenologického a bryologického inventarizačního průzkumu přírodní rezervace Borek u Velhartic – Ms., 18 pp. [depon. in: Krajský úřad Plzeňského kraje, Plzeň]
- Košnar J. & Košnar J. (2009): Přírodní památka Muckovské vápencové lomy: botanický inventarizační průzkum. – Ms., 24 pp. [depon. in: Krajský úřad Jihočeského kraje, České Budějovice]
- Košnar J., Košnar J., Kout J., Mikeš V., Štechová T., Tropek R. (2006): Inventarizační průzkum přírodní památky Prameniště Kateřinského potoka. – Ms., 39 pp. [depon. in: Krajský úřad Plzeňského kraje, Plzeň]

- Myšková Z. (2009): Prameniští vegetace Orlických hor a sezónní dynamika jejího mechového patra [Spring vegetation of the Orlické Mts and seasonal dynamics of its bryophyte layer]. – 56 pp. + append. [MSc. thesis, in Czech, Masaryk University, Brno]
- Nejezchlebová M. (2009): Vegetace suchých trávníků Moravského krasu ve vztahu k abiotickým faktorům prostředí [Dry grassland vegetation of Moravian Karst in context with environmental factors]. – Ms., 87 pp. + CD [MSc. thesis, in Czech, Masaryk University, Brno]
- Neustupa J., Škaloud P., Peksa O., Kubátová A., Soldán Z., Černá K., Prášil K., Bukovská P., Vojta J., Pažoutová M., Veselá J. and Škaloudová M. (2009): The biological soil crusts in Central European ecosystems, with special reference to taxonomic structure and ecology of the surface crusts at Czech ore-waste and ash-slag sedimentation industrial basins. – Novitates Botanicae Univeristatis Carolinae 19(2008): 1–99.
- Plunder M. (2008): Floristický a vegetační inventarizační průzkum Přírodní rezervace Rašeliniště Bažantka [Floristic and vegetation research of Bažantka fen reserve]. – Acta Rerum Naturalium 4–5: 153–168.
- Plunder M., Ekrlová E. & Čech L. (2008): Floristický a vegetační průzkum lokality Pilný rybník v Jihlavských vrších [Floristic and vegetation research of Pilný fishpond]. – Acta Rerum Naturalium 4–5: 43–50.
- Sedláček V. (2008): Vegetace na lokalitách chráněných a ohrožených druhů cévnatých rostlin v okolí Moravské Třebové. – Východočeský sborník přírodovědný. Práce a Studie 15: 31–58.
- Sojneková M. (2008): Sekundární sukcese na opuštěných polích pod Děvínem v Pavlovských vrších. – 44 pp. + CD [Bc. thesis, in Czech, Masaryk University, Brno]
- Šumberová K. & Ducháček M. (2009): *Gratiola neglecta* – nový zavlečený druh pro květenu České republiky [*Gratiola neglecta* – a new alien species to the flora of the Czech Republic]. – Zprávy České Botanické Společnosti 44: 151–175.
- Veleba A. (2008): Rašelinné louky na Žďársku: vegetace a vliv kosení po roce 1993. – 41 pp. + append. [Bc. thesis, in Czech, Masaryk University, Brno]
- Vild O. (2009): Závislost struktury fytoценologických dat na designu jejich sběru [Dependence of structure of phytosociological data on sampling design]. – 57 pp. + CD [MSc. thesis, in Czech, Masaryk University, Brno]
- Zelený D. & Li Ch.-F. (2008): Vegetace suchých acidofilních trávníků v oblasti třebíčského žulosyenitového plutonu [Dry acidophilous grassland vegetation in the area of Třebíč granosyenite pluton]. – Acta Rerum Naturalium 4–5: 177–194.

Poděkování

Za pomoc při vyhledávání zejména rukopisných prací děkujeme prof. J. Váňovi, Z. Hradílkovi, J. Košnarovi a T. Štechové.