

- Vondrák J. (2003): Příspěvek k poznání rozšíření druhu *Caloplaca demissa* v Čechách [Notes on the distribution of *Caloplaca demissa* in Bohemia, Czech Republic]. – Bryonora 31: 24–27.
- Wagner B. (2002): Poznámky k rozšíření lišejníku *Racodium rupestre* Pers. v České republice [Notes to the distribution of lichen *Racodium rupestre* Pers. in the Czech Republic]. – Severočeskou Přírodou 33–34: 43–48.
- Wirth C., Schulze E.-D., Lühker B., Grigoriev S., Siry M., Hardes G., Ziegler W., Bačkor M., Bauer G. & Vygodskaya N. N. (2002): Fire and site type effects on the long-term carbon and nitrogen balance in pristine Siberian Scots pine forests. – Plant and Soil 242: 41–63.

Rukopisné práce (Manuscripts)

- Svoboda D. (2003): Lišejníky Českého krasu: diversita lišejníků v údolí řeky Berounky v CHKO, bioindikace znečištění v centrální části Krasu. – Ms., 147 pp. [Mgr. thesis, Přírodovědecká fakulta UK Praha]
- Peksa O. (2003): Diverzita a ekologie lišejníků Povydí. – Ms., 133 pp. [Mgr. thesis, Přírodovědecká fakulta UK Praha].

NOVÁ BRYOLOGICKÁ LITERATURA XII.

New bryological literature, XII

Zdeněk Soldán

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- Adams D. G. (2002): The liverwort-cyanobacterial symbiosis. – Proceedings of the Royal Irish Academy, Sect. B – Biology and Environment, 102/1:27–29.
- Aldous A. R. (2002): Nitrogen retention by *Sphagnum* mosses: response to atmospheric nitrogen deposition and drought. – Canadian Journal of Botany 80: 721–731.
- Anderson K. (2002): Dispersal of spermatozoids from splash-cups of the moss *Plagiomnium affine*. – Lindbergia 27: 90–96.
- Bakalin V. A. (2003): Notes on *Lophozia* IV. Some new taxa of *Lophozia* sensu stricto. – Annales Botanici Fennici 40: 47–52.
- Bardat J. (2003): Compléments méthodologiques au synopsis bryosociologique pour la France. – Cryptogamie Bryologie 24: 71–73.
- Blom H. H. & Lüth M. (2002): *Schistidium spinosum*, a new species from Europe and its relationship to *S. liliputanum*. – Lindbergia 27: 122–126.
- Boisselier-Dubayle M.-C., Lambourdière J. & Bischler H. (2002): Molecular phylogenies support multiple morphological reductions in the liverwort subclass *Marchantiidae* (*Bryophyta*). – Molecular Phylogenetics and Evolution 24: 66–77.
- Brugués M. (2003): Key to the *Funariales* of the Iberian Peninsula and Balearic Islands. – Cryptogamie Bryologie 24: 59–70.
- Cao T., Guo S. & Yu J. (2003): Preliminary studies on distribution pattern of the genus *Ptychomitrium* (*Musci*) in the world. – Journal of the Hattori Botanical Laboratory 93: 247–258.
- Cleavitt N. L. (2002): Stress tolerance of rare and common moss species in relation to their occupied environments and asexual dispersal potential. – Journal of Ecology 90: 785–795.
- Cox C. J. & Hedderson T. A. J. (2003): Phylogenetic relationships within the moss family *Bryaceae* based on chloroplast DNA evidence. – Journal of Bryology 25: 31–40.
- Cronberg N. (2002): Colonization dynamics of the clonal moss *Hylocomium splendens* on islands in a Baltic land uplift area: reproduction, genet distribution and genetic variation. – Journal of Ecology 90: 925–935.

- Cronberg N., Andersson K., Wyatt R. & Odrzykoski I. J. (2003): Clonal distribution, fertility and sex ratios of the moss *Plagiomnium affine* (Bland.) T. Kop. in forests of contrasting age. – *Journal of Bryology* 25: 155–162.
- Davison P. G. (2002): Making storage boxes for bryophyte packets. – *Evansia* 19: 125–127.
- Derda G. S. & Wyatt R. (2003): Genetic variation and population structure in *Polytrichum juniperinum* and *P. strictum* (Polytrichaceae). – *Lindbergia* 28: 23–40.
- Edwards D., Axe L. & Duckett J. G. (2003): Diversity in conducting cells in early land plants and comparisons with extant bryophytes. – *Botanical Journal of the Linnean Society* 141: 297–347.
- Ellis C. J. & Tallis J. H. (2003): Ecology of *Racomitrium lanuginosum* on Britain blanket mire – evidence from the palaeoecological record. – *Journal of Bryology* 25: 7–15.
- Erzberger P. (2003): The number of stomata per sporophyte and its variability in the species of the *Ulota crispa* complex and *Ulota drummondii* (Musci, Orthotrichaceae). – *Lindbergia* 28: 14–22.
- Frahm J.-P. (2003): Climatic habitat differences of epiphytic lichens and bryophytes. – *Cryptogamie Bryologie* 24: 3–14.
- Frahm J.-P. & Kirchhoff K. (2002): Antifeeding effects of bryophyte extract from *Neckera crispa* and *Porella obtusata* against the slug *Arion lusitanicus*. – *Cryptogamie Bryologie* 23: 271–275.
- Ganeva A. (2002): New data on the distribution of bryophytes in Bulgaria. – *Phytologia Balcanica* 8: 191–196.
- Hallingbäck T. (2003): Including bryophytes in international conventions – a success story from Europe. – *Journal of the Hattori Botanical Laboratory* 93: 201–214.
- Hassel K. & Söderström L. (2003): Life history variation of *Pogonatum dentatum* (Brid.) Brid. in contrasting habitats. – *Journal of the Hattori Botanical Laboratory* 93: 215–222.
- Hedenäs L. (2002): Important complexes of intercorrelated character states in pleurocarpous mosses. – *Lindbergia* 27: 104–121.
- Heegard E. (2002): A model of alpine species distribution in relation to snowmelt time and altitude. – *Journal of Vegetation Science* 13: 493–504.
- Higuchi M. & Nishimura N. (2003): Mosses of Pakistan. – *Journal of the Hattori Botanical Laboratory* 93: 273–292.
- Holyoak D. T. (2003): A taxonomical review of some British coastal species of the *Bryum bicolor* complex, with a description of *Bryum dyffrynense* sp. nov. – *Journal of Bryology* 25: 107–114.
- Jägerbrand A. K., Molau U. & Alatalo J. M. (2003): Response of bryophytes to simulated environmental change at Latnjajaure, northern Sweden. – *Journal of Bryology* 25: 163–168.
- Karttunen S. (2003): Reproduction of mosses *Pleurozium schreberi* and *Pohlia nutans* in the surroundings of copper smelters at Harjavalta, SW Finland. – *Journal of Bryology* 25: 41–47.
- King T. J. (2003): Mosses and aspect; why is *Scleropodium purum* abundant on the north-facing sides of ant-hills? – *Journal of Bryology* 25: 211–213.
- Laaka-Lindberg S., Korpelainen H. & Pohjamo M. (2003): Dispersal of asexual propagules in bryophytes. – *Journal of the Hattori Botanical Laboratory* 93: 319–330.
- Lamy D. & Robin N. (2003): The turning point in bryology: *Bryologia Europea* by Ph Bruch, W Ph Schimper and W T Gumbel. – *Bryologist* 106: 24–33.
- Limpens J., Tomassen H. B. M. & Berendse F. (2003): Expansion of *Sphagnum fallax* in bogs: striking the balance between N and P availability. – *Journal of Bryology* 25: 83–90.
- Liu Y., Cao T. & Glime J. M. (2003): The changes of membrane permeability of mosses under high temperature stress. – *Bryologist* 106: 53–60.
- Lud D., Schlenzog M., Schroeter B. & Huiskes A. H. L. (2003): The influence of UV-B radiation on light-dependent photosynthetic performance in *Sanionia uncinata* (Hedw.) Loeske in Antarctica. – *Polar Biology* 26: 225–232.
- Magombo Z. L. K. (2003): The phylogeny of the basal peristomate mosses: evidence from cpDNA, and implications for peristome evolution. – *Systematic Botany* 28: 24–38.
- Malmer N., Albinsson C., Svenson B. M. & Wallén B. (2003): Interferences between *Sphagnum* and vascular plants: effect on plant community structure and peat formation. – *Oikos* 100: 469–482.
- Martínez-Abaigar J., Núñez-Olivera E., Beaucourt N., García-Álvaro M. A., Tomás R. & Arróniz M. (2003): Different physiological responses of two aquatic bryophytes to enhanced ultra-violet radiation. – *Journal of Bryology* 25: 17–30.
- Mastracci M. (2003): *Thamnobryum neckeroides* (Bryopsida: Neckerales): lectotypification, synonymies, diagnostic characters, habitat and distribution. – *Journal of Bryology* 25: 115–120.

- Matzek V. & Viousek P. (2003): Nitrogen fixation in bryophytes, lichens and decaying wood along a soil-age gradient in Hawaiian montane rainforest. – *Biotropica* 35: 12–19.
- Müller N., Schnyder N. & Schubiger C. (2002): Feldschlüssel für die Bestimmung der Moose in Mooren. – *Meylania* 25: 1–35.
- Müller N. (2003): *Anomodon rugelii* versus *A. viticulosus*. – *Meylania* 26: 21–22.
- Nakanishi K. (2002): Vegetational diversity of bryophyte communities in relation to environmental gradients. – *Journal of the Hattori Botanical Laboratory* 92: 211–224.
- Natcheva R. & Cronberg N. (2003): Genetic diversity in populations of *Sphagnum capillifolium* from the mountains of Bulgaria, and their possible refugia role. – *Journal of Bryology* 25: 91–100.
- Ochyra R. (2003): The first recognition of the family *Amblystegiaceae*. – *Journal of Bryology* 25: 135–136.
- Pedersen N. & Hedenäs L. (2002): Phylogeny of the *Plagiotheciaceae* based on molecular and morphological evidence. – *Bryologist* 105: 310–324.
- Pedersen N. & Hedenäs L. (2002): Phylogenetic relationships between *Bryum* and supposedly closely related genera. – *Journal of Bryology* 24: 277–289.
- Potemkin A. D. (2002): Phylogenetic system and classification of the family *Scapaniaceae* Mig. emend. Potemkin (*Hepaticae*). – *Annales Botanici Fennici* 39: 304–334.
- Proctor M. C. F. (2003): Experiments on the effect of different intensities of desiccation on bryophyte survival, using chlorophyll fluorescence as an index of recovery. – *Journal of Bryology* 25: 201–210.
- Pruchner D., Beckert S., Muhle H. & Knoop V. (2002): Divergent intron conservation in the mitochondrial *nad2* gene: signatures for the three bryophyte classes (mosses, liverworts and hornworts) and the lycophytes. – *Journal of Molecular Evolution* 55: 265–271.
- Roads E. & Longton R. E. (2003): Reproductive biology and population studies in two annual shuttle species. – *Journal of the Hattori Botanical Laboratory* 93: 305–318.
- Rycroft D. S. (2003): Chemosystematics and the liverwort genus *Plagiochila*. – *Journal of the Hattori Botanical Laboratory* 93: 331–342.
- Rydgren K. & Økland R. H. (2002): Life-cycle graphs and matrix modelling of bryophyte populations. – *Lindbergia* 27: 81–89.
- Scher J. M., Zapp J. & Becker H. (2003): Lignan derivatives from the liverwort *Bazzania trilobata*. – *Phytochemistry* 62: 769–778.
- Shaw A. J., Werner O. & Ros R. M. (2003): Intercontinental Mediterranean disjunct mosses: morphological and molecular patterns. – *American Journal of Botany* 90: 540–550.
- Sedia E. G. & Ehrenfeld J. C. (2003): Lichens and mosses promote alternate stable plant communities in the New Jersey Pinelands. – *Oikos* 100: 447–458.
- Sérgio C. & Garcia C. (2003): Notes on *Encalypta* occurring in Portugal with special reference to an aberrant form of *E. vulgaris* Hedw. – *Journal of Bryology* 25: 213–215.
- Shaw A. J., McDaniel S. F., Werner O. & Ros M. R. (2002): New frontiers in bryology and lichenology. Phylogeography and phylodemography. – *Bryologist* 105: 373–383.
- Speicher A., Heisel R. & Kolz J. (2003): First detection of chloroperoxidase in bryophytes. – *Phytochemistry* 62: 679–682.
- Stenoien H. K. (2002): Bryophyte species and population concepts in relation to molecular markers. – *Lindbergia* 27: 134–140.
- Stetzka K. M. & Baumann M. (2002): Wassermoose als Versauerungs- und Eutrophierungsindikatoren – Untersuchungen aus dem Erzgebirge/Sachsen. – *Herzogia* 15: 277–296.
- Stotler R. E., Bray J. R., Cargill D. C., Kraysky D. & Crandall-Stotler B. J. (2003): Typifications in the genus *Fossombronia* (*Marchantiophyta*). – *Bryologist* 106: 130–142.
- Thomas R. J., Woodward T. G. & Rogoff H. A. (2002): Growth asymmetry and auxin transport in setae of gravistimulated *Pellia epiphylla* sporophytes. – *Bryologist* 105: 407–410.
- Turner B. L., Baxter R., Ellwood N. T. W. & Whitton B. A. (2003): Seasonal phosphatase activities of mosses from Upper Teesdale, northern England. – *Journal of Bryology* 25: 189–200.
- Vanderpoorten A. & Engels P. (2002): The effect of environmental variation on bryophytes at a regional scale. – *Ecography* 25: 513–522.
- Vanderpoorten A. & Engels P. (2003): Patterns of bryophyte diversity and rarity at a regional scale. – *Biodiversity and Conservation* 12: 545–553.
- Velde M. van der & Bijlsma R. (2003): Phytogeography of five *Polytrichum* species within Europe. – *Biological Journal of the Linnean Society* 78: 203–213.

- Wei H. Z., Fang Y. M. & Yin Z. F. (2003): Effects of Pb, Cd single and joint pollution on some physiological characters of *Hypnum revolutum*. – *Guihaia* 23: 69–72.
- Wilson P. J. & Provan J. (2003): Effect of habitat fragmentation on levels and patterns of genetic diversity in natural populations of the peat moss *Polytrichum commune*. – *Proceedings of the Royal Society of London, Ser. B, Biol. Sci.*, 270: 881–886.
- Werner J. (2003): Liste rouge des bryophytes du Luxembourg. Mesures de conservation et perspectives. – *Ferrantia* 35: 1–71.
- Werner O., Ros M. R., Cano M. J. & Guerra J. (2003): On the systematic position of *Tortula inermis* and *Tortula bolanderi* (*Pottiaceae, Musci*) based on chloroplast rps4 sequences. – *Nova Hedwigia* 76: 137–146.
- Zander R. H. (2003): Reliable phylogenetic resolution of morphological data can be better than that of molecular data. – *Taxon* 52: 109–112.