

Neue Publikationen zur Moosflora Mitteleuropas, Neunte Folge

STEFAN GEY & J. PETER GRUBER

Die Literaturzusammenstellung berücksichtigt überwiegend Publikationen aus dem Jahr 2025 sowie vom Anfang des Jahres 2026 und beinhaltet hauptsächlich Fachbücher und Fachartikel zu Studien und Fundberichten über Moose in Mitteleuropa. Sie erhebt dabei keinen Anspruch auf Vollständigkeit. Zusätzlich sind außereuropäische Arbeiten aufgelistet, die aufgrund der behandelten Arten oder Methoden von Interesse sind. Für aktuelle Veröffentlichungen mit Fokus auf Taxonomie und Systematik sei auf den Beitrag „Taxonomische und nomenklatorische Neuerungen – Moose, von Markus K. Meier in diesem Herzogiella-Heft verwiesen. Für Hinweise auf entsprechende Publikationen für kommende Folge dieser Serie sind wir dankbar.

Bücher

- BERG, C., KÖCKINGER, H., KROPIK, M., PÖTL, M., SCHRÖCK, C. & ZECHMEISTER, H. G. [Hrsg.] 2025. Moosflora von Österreich. 3 Bände. – Verlag des Naturwissenschaftlichen Vereins für Kärnten, Klagenfurt am Wörthersee, 1182 + LXXXVI S. im Anhang.
- BERGAMINI, A., HARTWIG, A.-M., HOFMANN, H., MEIER, M. K. & SCHNYDER, N., KIEBACHER, T., KÜCHLER, H., LÜTH, M., MOSER, T., MÜLLER, N., ROLOFF, F., STEFFEN, J. & URMI, E. 2025. Moose der Schweiz. Artenporträts und Bestimmungsschlüssel. 1200 Farbphotogr. 400 Karten. 432 S. Broschiert. 978-3-258-08301-8, ISBN-10 3258083010. – Haupt Verlag. Bern.
- CHANDLER-GREVATT, A. 2025. Moss Safari. Exploring the Secret Life in Moss. – Pelagic Publishing. 196 p.
- RAPP, C. 2026. Moose des Waldbodens. Der Bestimmungsführer. 2te durchgesehene Aufl. 200 S. Hardcover. – Haupt Verlag.
- SCHWAB, N., GRANT, J., GASPARI, L., GISLER, J. & AGUILA-MULTNER, G. 2025. Flore du Pays neuchâtelois – Plantes à fleurs et cryptogames. – Rossolis & Club jurassien, ISBN: 978-2-940585-91-5, 464 p.
- WILBRAHAM, J. 2025. Mosses, Liverworts, and Hornworts of the World. A Guide to Every Order. A magnificently illustrated guide to the bryophyte species found across the world. – Series: A Guide to Every Family, 13. – Princeton University Press, ISBN 9780691265193.

Artikel

- AHMAD, S., WANG, M., BATES, A., MARTINI, F., REGAN, S., SAUNDERS, M., LIU, H., MCELWAIN, J. & GILL, L. 2025. Flatlining fens? Small-scale variations in peat properties and microtopography as indicators of ecosystem homogenisation. – Ecological Indicators 172(3): 113317. 10.1016/j.ecolind.2025.113317.
- ARAGÓN, G., GIMÉNEZ, G.F. & NEGRÓN, V. 2025. Tree forks drive epiphyte diversity in Spanish holm oak dehesas: unveiling critical tree morphological factors. – Eur. J. Forest Res. **144**: 1719–1731. 10.1007/s10342-025-01836-8.
- BAČIČ, M. & STRUGULC KRAJŠEK, S. 2025. The distribution of Natura 2000 species *Mannia triandra* (Aytoniaceae, Marchantiopsida) in Slovenia: from insufficiently known to satisfactorily assessed. – Herzogia **38**(1): 87–104. 10.13158/heia.38.1.2025.87.
- BARONE, I., GERRA-INOHOSA, L., JANSONE, D., TREIMANE, A., JANSON, Ā. & DONIS, J. 2025. Links between species richness of bryophytes and lichens and tree-related microhabitats on retention trees. – Eur. J. Forest Res. **144**: 1631–1643. 10.1007/s10342-025-01830-0.
- BAUMANN, M. 2025. Vegetationsmonitoring in der Naturwaldzelle Wodrich (Erzgebirge): Inventarisierung der Moosflora und Veränderung der Moosschicht im Zeitraum zwischen 1998 und 2014. – Herzogia **38**(1): 105–133. 10.13158/heia.38.1.2025.105.
- BAUMANN, M., BIEDERMANN, S., GEY, S., MÜLLER, F. & NIXDORF, J. 2025. Bericht zur Frühjahrsexkursion sächsischer Bryologen. – Herzogiella **12**: 109–112.

- BAUMANN, M. & STETZKA, K. 2025. Inventarisierung der Moosflora sächsischer Naturwaldzellen - Teil 6: Hemmschuh. – *Herzogia* **38**(2): 208–240. 10.13158/heia.37.1.2024.90.
- BECKER, T., BERGMEIER, E., BOCH, S., DIEKMANN, M., DOLNIK, C., DURKA, W., EWALD, J., FARTMANN, T., FECHTLER, T., HÄRDTLE, W., HEINKEN, T., HÖLZEL, N., HORN, K., LÜTT, S., PONIATOWSKI, D., PUSCH, J., REMY, D., SCHNEIDER, S., THIEL, H., TISCHEW, S., VYNOKUROV, D. & WILLNER, W. 2025. Pflanzengesellschaft des Jahres 2026: Federgras-Steppe (*Festucion valesiacae*), 9. Moose und Flechten der Federgras-Steppe. – *Tüxenia* **45**: 27–31.
- BERGAMINI, A. BAUDRAZ, M., BISANG, I., CAILLIAU, A., HEPENSTRICK, D., CYKOWSKA-MARZENCKA, B., GISLER, J., HARTWIG, A.-M., HEDENÄS, L., KIEBACHER, T., MEIER, M. K., MÜLLER, N., SCHNYDER, N., SEILER, H., SEILER, D., STEFFEN, J. & URMI, E. 2025. Beiträge zur bryologischen Erforschung der Schweiz – Folge 20. – *Meylania* **75**: 5–25.
- BLOM, H., KIEBACHER, T., BEDNAREK-OCHYRA, H. & OCHYRA, R. 2025. Studies on *Schistidium* (Grimmiaceae, Bryophyta) in Europe, with particular reference to the Alps: II. Description of two new species *S. pratense* and *S. heribertii*. – *Phytotaxa* **736**(3): 191–209. 10.11646/phytotaxa.736.3.1.
- ÇAMBAY, Z., USLU, H., GÖKTAŞ, B., ÖZDEMİR BAYÇINAR, K., TÜKENMEZ EMRE, U. & ALATAŞ, M. 2025. Detection of some phenolic content of *Grimmia ovalis* (Hedw.) Lindb. and investigation of its antimicrobial activity with molecular docking technique. – *Anatolian bryology* **11**(1): 52–58. 10.26672/anatolian-bryology.1705249.
- ÇAMBAY, Z., USLU, H., ÖZDEMİR BAYÇINAR, K., GÖKTAŞ, B., GÜNGÖREN, M. & ALATAŞ, M. 2025. Phytochemical profiling of *Brachythecium glareosum* (Bruch ex Spruce) Schimp. and preliminary in silico assessment of antifungal potential. – *Anatolian bryology* **11**(1): 1–44. 10.26672/anatolianbryology.1705187.
- CIMERMAN Ž., ANŽLOVAR S. & STRGULC KRAJŠEK S. 2025. Genus *Aneura* (*Marchantiophyta*) in Slovenia and new potential lineages for Europe. – *Preslia* **97**(3): 589–612. 10.23855/preslia.2025.589.
- CLARK, T. A., RUSSELL, A., GREENWOOD, J. L., DEVITT, D., STANTON, D. & STARK, L. R. 2025. Can biocrust moss hide from climate change? Fine-scale habitat sheltering improves summer stress resistance in *Syntrichia caninervis*. – *American journal of Botany* **112**(2). 10.1002/ajb2.16464.
- COE, K. K., STARK, L. R., SLATE, M. L., BRINDA, J. C., MCLETCHE, D. N. & EKWEALOR, J. T. B. 2025. Influence of prehydration events on revival of the dryland moss *Syntrichia caninervis* desiccated for 17 years: does water content matter? – *The Bryologist* **128**(3): 487–497. 10.1639/0007-2745-128.3.487.
- ĆOSIĆ, M. V., BOŽOVIĆ, D. P., IGNATOV, E. A., VUJIČIĆ, M. M., ANETA, SABOVLJEVIĆ, D. & SABOVLJEVIĆ, M. S. 2025. Micropropagation and optimisation of in vitro production of the rare and threatened moss *Entosthodon pulchellus* (Funariaceae). – *Acta Botanica Croatica* **84**(2): 237–246. 10.37427/botcro-2025-012.
- DE MONTMOLLIN, M. 2025. Redécouverte d'une importante station de *Sphaerophorus globosus* dans le Jura vaudois. – *Meylania* **75**: 27–30.
- DIETRICH, M. 2025. Interessante Flechten aus dem Schanfigg und anderen Gebieten des Kantons Graubünden (Schweiz). – *Meylania* **75**: 31–54.
- DITTRICH, S. 2025. Epiphytische Moose und Flechten an ausgewählten Bäumen im Einzugsgebiet von Wilder, Roter und Vereinigter Weißeritz (Osterzgebirge, Erzgebirgsvorland). – *Sächs. Flor. Mitt.* **27**: 86–107.
- DITTRICH, S. 2025. Epiphytische Moose und Flechten an der Dreispitzigen Jungfernrebe (*Parthenocissus ticuspidata* [Sieb. & Zucc. Planch.], Vitaceae). – *Herzogiella* **12**: 125–128.
- DUCKETT, J. G., KOWAL, J. & PRESSEL, S. 2025. The phenology and remarkable capsule morphology of *Cephaloziella divaricata* (Sm.) Schiffn. – *Journal of Bryology* **47**(3): 167–176. 10.1080/03736687.2025.2536977.
- DUCKETT, J. G., RENZAGLIA, K. S. & PRESSEL, S. 2025. Reflections on the absence of stomata on the gametophyte generation of extant land plants: a focus on poikilohydry. – *Botanical Journal of the Linnean Society* **208**(1): 14–28. 10.1093/botlinnean/boae055.
- DUCKETT, J. G., SCHICKLER, H. & PRESSEL, S. 2025. The effects of external cues on moss stomatal apertures: a reappraisal of existing data and new experimental evidence. – *Bryophyte Diversity and Evolution* **49**(1): 1–21. 10.11646/bde.49.1.1.
- ELLIS, L. T., ALATAŞ, M., ALI, SK. N., ALVAREZ, D. J., APONTE ROJAS, A. & WINTER, G. 2025. New national and regional bryophyte records, 79. – *Journal of Bryology* **46**(4): 295–318. 10.1080/03736687.2025.2454811.

- ELLIS, L. T., ALVAREZ, D. J., BACILLIERE, G., BINDERNAGEL, J. R. D. & ZHENG, T.-X. 2025. New national and regional bryophyte records, 80. – *Journal of Bryology* **47**(1): 71–85. 10.1080/03736687.2025.2466983.
- FEDOSOV, V. E., FEDOROVA, A. V., KARTASHEVA, A. S. & SHKURKO, A. V. 2025. *Ditrichum divaricatum* (Ditrichaceae, Bryophyta) newly found in Europe. – *Journal of Bryology* **47**(3): 222–225. 10.1080/03736687.2025.2552089.
- FEDOSOV, V., FEDOROVA, A., IGNATOVA, E., BRINDA, J. C. & KUČERA, J. 2025. Overlooked and misunderstood: A morpho-molecular revision of Ditrichaceae s.str. (Dicranidae, Bryophyta), with a focus on the Holarctic species of *Ditrichum*. – *Taxon* **74**(2): 223–259. 10.1002/tax.13298.
- FELIX, H. 2025. Beitrag zur Substratspezifität von *Mielichhoferia*-Arten in der Schweiz, Bedeutung von Kupfervorkommen an den Standorten. – *Meylania* **76**: 45–50.
- FILIN, V. R. & PLATONOVA, A. G. 2025. Is there a tapetum in the hornwort capsule? Evidence from the sporogenesis of *Phaeoceros*. – *Botanical Journal of the Linnean Society* **207**(4): 362–388. 10.1093/botlinnean/boae052.
- GEY, S., FAAS, B., FEULNER, M., HANUSCH, M., KATHOLNIGG, S., MERZ, J., MÜLLER, F., PHILIPP, C., REIMANN, M., SCHÄFER-VERWIMP, A. & SCHANZ, M. 2025. Neues zur Moosflora von Bayern 2. – *Ber. Bayer. Bot. Ges.* **94/95**: 147–172.
- GEY, S., BULTE, M., FAAS, B., FAAS, J., GUGGEMOOS, T., LABUS, J., RICHTER, D., SCHÄFER, H., SCHANZ, M. & SCHOTT, H. 2025. Neues zur Moosflora von Bayern 3. – *Ber. Bayer. Bot. Ges.* **94/95**: 173–206.
- GILLI, C., KLEESADL, G. & SCHRÖCK, C. 2025. Floristische Kurzmitteilungen 05 (2025). *Stapfia* **119**(1): 47–81. 10.2478/stapfia-2025-0005.
- GÓRSKI, P., SMO CZYK, M., WIERZCHOLSKA, S., BARAN, J., MALICKI, M., FOREMNIK, K. & PIELECH, R. 2025. New distributional data on bryophytes of Poland, 19. – *Steciana* 29: 3–8. 10.12657/steciana.029.001.
- GRAULICH, A. 2025. *Hedwigia filiformis* (Bryopsida, Hedwigiaceae), an overlooked species in Europe. – *Lindbergia* 2025 (1): 1–5. 10.25227/linbg.028142.
- GRUBER, J. P. 2025. On ecology and distribution of *Seligeria carniolica* (Breidler & Beck) Nyholm (Syn. *Trochobryum carniolicum* – Seligeriaceae) in the Eastern Alps. – *Herzogia* **38**(1): 70–86. 10.13158/heia.38.1.2025.70.
- GRUBER, J. P. 2025. Ein hemerobes Refugium von *Scapania carinthiaca* J. B. Jack ex Lindb. var. *massalongi* Müll. Frib. in den salzburger Kalkvor alpen (Österreich) – eine Fallstudie. – *Herzogiella* **12**: 113–117.
- GUERRA, J., JIMÉNEZ, J. A., RODRÍGUEZ, O. & CANO, M. J. 2025. *Brachythecium turgidum* (Hartm.) Kindb. (Brachytheciaceae) in the Oromediterranean belt of Sierra Nevada (southern Spain). – *Cryptogamie, Bryologie* **46**(1): 3–8. 10.15468/dp7cy6.
- HÁJEK, M., PETERKA, T., HÁJKOVÁ, P., HINTERLANG, D., ZECHMEISTER, H. & CHYTRÝ, M. 2024. Proposal (36) to conserve the name *Philonotidium seriatae* Hinterlang 1992 for the species-poor, bryophyte-dominated, non-calcareous arctic-alpine spring vegetation of Europe. – *Vegetation Classification and Survey* **5**(32): 11–15. 10.3897/VCS.103154.
- HARTWIG, A.-M., CAILLIAU, A. & HOFMANN, H. 2025. Populationsentwicklung von *Riccia breidleri* an ausgewählten Standorten in der Schweiz zwischen 2008 und 2024. – *Meylania* **75**: 55–66.
- HASSEL, K., GOLDBERG, I., HUTTUNEN, S., BJARNASON, Á., BLOM, H., HALLINGBÄCK, T., HEDENÄS, L., HØITOMT, T., PIHLAJA, K., PRESTØ, T., SYRJÄNEN, K., SÖDERSTRÖM, L., ULVINEN, T. & WEIBULL, H. 2025. An annotated checklist of bryophytes of the Nordic countries. – *Lindbergia* 2025. 10.25227/linbg.025337.
- HASSEL, K., KYRKJEEIDE, M. O., BENGTSON, F., MELESHKO, O. & FLATBERG, K. I. 2025. Nomenclatural inconsistencies in European species of *Sphagnum* subgen. *Subsecunda* with typification of *Sphagnum denticulatum* Brid. and *S. inundatum* Russow. – *Lindbergia* 2025 (1): 1–12. 10.25227/linbg.027383.
- HOFMANN, H. & MOSER, T. 2025. Erhebungen des invasiven Neophyten *Campylopus introflexus* (Kaktusmoos) in zwei Mooren in den Kantonen Bern und Neuenburg. – *Meylania* **76**: 51–57.
- HUGONNOT, V. & PÉPIN, F. 2025. First report of *Arvernella microclada* (Amblystegiaceae) in Germany. – *Meylania* **76**: 21–24.
- IGNATOV, M. S., KUTZNETOVA, O. I., IGNATOVA, E. A. & FEDOSOV, V. E. 2024. On the genus *Dicranoweisia* (Rhabdoweisiaceae, Bryophyta) in Russia. – *Arctoa* **34**: 52–60. 10.15298/arctoa.34.05.

- JAKOBITSCH, T. & ZECHMEISTER, H. G. 2025. A First Detailed Study of an Austrian Neolithic Pile Dwelling's Bryophyte Flora. – *Environmental Archaeology* **30**: 280–288. 10.1080/14614103.2023.2212208.
- KEANE, B., ALDERSON, D. M., CLAY, G. D., EVANS, M. G., FIELD, C. D., JOHNSTON, A., LIMPENS, J., MCCARTER, C. P. R., OVERTOOM, N., RITSON, J. P., ROBROEK, B. J. M., ROCHEFORT, L., SHUTTLEWORTH, E., L., TELGENKAMP, Y., TURETSKY, M. R. & WADDINGTON, J. M. 2025. The effects of drought on *Sphagnum* moss species and the implications for hydrology in peatlands. – *New Phytologist* **247**(5): 10.1111/nph.70361.
- KLINK, J. M. A., CRONBERG, N., LANG, A. S. & STECH, M. 2025. Assessing gene flow between *Dicranum scoparium* Hedw. and *D. bonjeanii* De Not. (Dicranaceae) using single nucleotide polymorphisms. – *Botanical Journal of the Linnean Society* **208**(4): 402–411. 10.1093/botlinnean/boae081.
- KONSTANTINOVA, N. A. & VILNET, A. A. 2025. *Lophozia savicziae* Schljakov (Lophoziaceae, Marchantiophyta) – one more allopolyploid species of liverworts. – *Arctoa* **34**: 44–51. 10.15298/arctoa.34.04.
- KOPONEN, T. 2025. Notes on *Philonotis* (Bartramiaceae, Bryophyta) 18. Ranges of *P. calcarea* and *P. seriata*, and new synonyms of *P. fontana*. – *Annales Botanici Fennici* **62**(1): 169–181. 10.5735/085.062.0128.
- KUČERA, J. & MÜLLER, F. 2025. The genuine phylogenetic affinities of *Hypnum flotovianum* Sendtn. – *Journal of Bryology* **47**(2): 105–117. 10.1080/03736687.2025.2514429.
- KUCERA, J. & KUČEROVÁ, J. 2025. Bryological inventory of the Plešné Lake cirque (Šumava National Park). – *Silva Gabreta* **31**: 31–58.
- KUZNETSOVA, O., BELKINA, O., BOROVICHEV, E., CHUBAR, E., FEDOROVA, A., FEDOSOV, V., GOLDSHTEIN, M., IGNATOV, M., IGNATOVA, E., KARTASHEVA, A., KONSTANTINOVA, N., KUPTSOVA, V., KUSHNEVSKAYA, E., NOZHINKOV, A., RAZZHIGAEVA, N., SMIRNOVA, E. & VILNET, A. 2025. Bryophyte molecular barcoding records. 13. *Arctoa* **34**(2): 209–216. 10.15298/arctoa.34.18.
- LEE, G. E., BECHTELER, J., PÓCS, T., SCHAEFER-VERWIMP, A., HE, X., AH-PENG, C. & ZHANG, L. 2026. Species delimitation in *Lejeunea* (Lejeuneaceae, Marchantiophyta) through molecular phylogeny, morphology and biogeography, and a discovery of a new species from Fiji: Species delimitation in *Lejeunea* (Lejeuneaceae, Marchantiophyta). – *Plant Systematics and Evolution* **312**(1). 10.1007/s00606-025-01976-9.
- LEVINS, J., PAUKSZTO, Ł., KRAWCZYK, K., MAŹDZIARZ, M., ARCH, B. C., CARGILL, D. C., FLORES-SANDOVAL, E., SZABLIŃSKA-PIERNIK, J., SULIMA, P., SZCZECIŃSKA, M., KULSHRESTHA, S., DAVIES, K. M., SAWICKI, J. & BOWMAN, J. L. 2025. Evolution of sexual systems and regressive evolution in *Riccia*. – *New Phytologist* Volume **246**(2): 769–784. 10.1111/nph.20454.
- LITTLE, D. P., AGUERO, B., SHAW, A. J. & TESSLER, M. 2025. AI for difficult herbarium specimens: identification of peatmosses (subgenus *Sphagnum*) without dissection. – *New Phytologist*. 10.1111/nph.70461.
- LÖNNELL, N., HASSEL, K., GOLDBERG, I., HUTTUNEN, S., BJARNASON, Á. H., BLUM, H. H., HALLINGBÄCK, T., HEDENÄS, L., HØITOMT, T., PIHLAJA, K., PRESTØ, T., SYRJÄNEN, K., SÖDERSTRÖM, L., ULVINEN, T. & WEIBULL, H. 2025. An annotated checklist of bryophytes of the Nordic countries. – *Lindbergia* 2025(1): 1–123. 10.25227/linbg.025337.
- ŁUBEK, A., WIERZCHOLSKA, S., DYDERSKI, M., HORODECKI, P., KAMCZYC, J., MALICKI, M., PIETRAS, M., SKORUPSKI, M., SOBCZAK, T., SUCHAN, T. & JAGODZIŃSKI, A. 2024. Cryptogams species diversity of mountain forest springs of the Stołowe Mountains National Park. – *Acta Mycologica* **59**(3): 1–11. 10.5586/am/193966.
- MIŠÍKOVÁ, K. 2025. A survey of bryophytes on Calvary Hill in Bratislava (Old Town borough). – *Acta Botanica Universitatis Comenianae* **66**: 23 – 34.
- MOSER, T., BERGAMINI, A., FELIX, H., GISLER, J., HOFMANN, H., KIEBACHER, T., KÜCHLER, H., LÜTH, M., MEIER, M., MÜLLER, N., SCHNYDER, N., SEILER, H. & STEFFEN, J. 2025. Bryologische Beobachtungen bei der Bryologisch-Jahresversammlung in Biel 2024. – *Meylania* **75**: 101–106.
- MÜLLER, F., INOUE, Y., FEDOSOV, V. & KUČERA, J. 2025. The genus *Microamblystegium* (Amblystegiaceae) new for the moss flora of Europe, and *Microamblystegium hattorii* comb. nov. – *Journal of Bryology*. 10.1080/03736687.2025.2596493.
- NOROOZI, M. & BUDKE, J. M. 2025. Gametophyte and sporophyte morphology are phylogenetically correlated in mosses, indicating coadaptation and parent-offspring conflict. – *New Phytologist* **246**(5): 2295–2306. 10.1111/nph.70117.
- OCHYRA, R., PLASEK, V. & BRINDA, J. 2025. Taxonomic and nomenclatural history of *Neckera* (Bryophyta, Neckeraaceae), including reinstatement of *Rhystophyllum*, the correct name for a segregate of this genus. – *PhytoKeys* **267**: 59–80. 10.3897/phytokeys.267.171699.

- PÉREZ-HAASE, A., ESCOLÀ, N., PLADEVALL-IZARD, E., MARTÍNEZ-AMIGO, V. & BLANCO-MORENO, J. M. 2025. *Sphagnum lindbergii* Schimp.: a new peat moss species to the Iberian Flora. – *Cryptogamie, Bryologie* **46**(4): 35–41. 10.5252/cryptogamie-bryologie2025v46a4.
- PÖLTL, M., BERG, C., GEY, S., KIEBACHER, T., KÖCKINGER, H., CIMERMAN, Ž., ŠABEDER, N. & VOLKERS, F. 2025. Neues zur Moosflora der Steiermark 7. – *Natura Styriaca* **1**: 136–143.
- PÖLTL, M., BODEN, C., BRACH, S., MAYNOLLO, J., HARING, V., WILFLING, J. & BERG, C. 2025. Moose im alpinen Outback: auf bryologischer Exkursion im Toten Gebirge der Steiermark. – *Natura Styriaca* **1**: 124–135.
- PÖLTL, M., BERG, C., FERNANDEZ-MENDOZA, F., HALLINGBÄCK, T., VOLKERS, F., TISELIUS, I. & KIEBACHER, T. 2025. Unnoticed diversity in the *Riccia glauca-bifurca* group (Ricciaceae, Marchantiales): morphological differentiation and phylogeny of *R. gothica* and *R. pusilla* in Europe. – *Plant Biosystems – An International Journal Dealing with all Aspects of Plant Biology* **159**(3): 548–562. 10.1080/11263504.2025.2485993.
- POSTIGLIONE, A., DENTATO, M., MARESCA, V., & BASILE, A. 2025. Liverworts as heavy metals and metalloids bioindicators: bioaccumulation, biological responses and future applications in environmental bio-monitoring. – *Plant Biosystems – An International Journal Dealing with All Aspects of Plant Biology* **159**(5): 1079–1091. 10.1080/11263504.2025.2525872.
- PROCHÁZKOVÁ, J., HÁJEK, T., MIKULÁŠKOVÁ, E., PLÁŠEK, V., TĚŠITEL, J. & HÁJEK, M. 2025. Congruent responses of epiphytic bryophyte communities to air pollution on two species of trees differing in bark chemistry. – *Preslia* **97**: 157–173. 10.23855/preslia.2025.157.
- RAABE, U. & SCHMIDT, C. 2025. *Riccia crystallina* und *Sphaerocarpus michelii* auf Campingplätzen in Westfalen und im Raum Osnabrück. – *Herzogiella* **12**: 118–124.
- RAMAKRISHNAN, D., WASSERMANN, B., BERG, C., ABDELFAH, A. & BERG, G. 2025. Mosses as extraordinary reservoir of microbial diversity: a comparative analysing of co-occurring 'plant-moss twins' in natural alpine ecosystem. – *Environmental Microbiome* **20**: 61. 10.1186/s40793-025-00728-z.
- ROUSK, K. 2025. Moss-cyanobacteria associations: A model for studying symbiotic interactions and evolutionary strategies. – *American journal of Botany* **112**(8): e70086. 10.1002/ajb2.70086.
- ROUTRAY, D., SABOVLJEVIĆ, M. S. & GOGA, M. 2025. Stress-related proteomics in bryophytes. – *Plant Biosystems – An International Journal Dealing with All Aspects of Plant Biology* **159**(3): 616–628. 10.1080/11263504.2025.2496469.
- SCHMIDT, C. & H. RAUERS (2023 [2026]): Bemerkenswerte Moosfunde in einem aufgelassenen Ziegeleigelande in Brügggen (Kreis Viersen). – *Natur am Niederrhein N.F.* **38**(2): 58-64.
- SCHMIDT, C. 2025. Die Moosflora des NSG "Lüntener Wald". – *Abhandlungen aus dem Westfälischen Museum für Naturkunde* **110**: 77-124.
- SCHMIDT, C. 2024. Die Moosflora des NSG Wolbecker Tiergarten. – In: Wittig, R. (Hrsg.): *Der Wolbecker Tiergarten. Pflanzen und Pilze eines über 800 Jahre alten Waldgebiets in Münster.* – *Abhandlungen aus dem Westfälischen Museum für Naturkunde* **108**: 127-180.
- ŠEGOTA, V., RIMAC, A., ČATO, S., BOGDANOVIC, S., ALEGRO, A., KLARIĆ, M., ERŠEGOVIĆ, A., GRABOVAC, D., KEGELJ, D., ČETKOVIĆ, I., DOBOŠ, M., DRAGIČEVIĆ, S., DŽAKOVIĆ, I., KOVAČEVIĆ, M., MASLAĆ MIKULEC, M., PAPP, B. & KRAJŠEK, S. 2025. New findings of rare and under-recorded vascular plants, bryophytes, lichens, fungi and algae in Croatia and neighbouring countries – 3. – *Glasnik Hrvatskog botaničkog društva* **13**(2): 191–209.
- SHAW, A. J., NIETO-LUGILDE, M., AGUERO, B., DUFFY, A. M., ROBINSON, S., HASSEL, K., FLATBERG, K. I., INGERPUU, N., VELLAK, K., PÉREZ-HAASE, A., JIROUŠEK, M., KREBS, M., JUSELIUS-RAJAMÄKI, T., PIILLO, S., ROBROEK, B., LAMKOWSKI, P. & GRANATH, G. 2025. Genetic structure of the *Sphagnum magellanicum* (Sphagnaceae) complex in Europe. – *The Bryologist* **128**(3): 474–486. 10.1639/0007-2745-128.3.474.
- ŠIRKA, P., GEY, S., PÖLTL, M. & BÉREŠOVÁ, A. 2025. Report on the annual excursion of the BLAM to Slovakia from September 18th to 22nd 2024. – *Herzogiella* **12**: 13–26.
- ŠIRKA, P., PULISOVÁ, K. & KUBEŠOVÁ, S. 2025. Bryophyte flora of Hrončecký grůň National Nature Reserve (Poľana Mts, Central Slovakia). – *Bryonora* **75**: 1–16.

- ŠIRKA, P., UJHÁZYOVÁ, M. & UJHÁZY, K. 2024. Bryophytes in classification and ecology of calcareous beech forests in Central Slovakia. – *Biologia* **79**: 1209–1223. 10.1007/s11756-023-01570-9.
- SKOWRON, D. & WIERZGOŃ, M. 2025. Materiały do brioflory Polski północno-wschodniej. Mchy i wątrobowce rezerwatu „Stara Dębina” (Puszcza Knyszyńska). – *Fragm. Florist. Geobot. Polon.* **30**(1): 95–108. 10.35535/ffgp-2025-0008.
- STABENOW, L. & MÜLLER, F. 2025. Verbreitung und Standortansprüche der Arten des *Sphagnum magellanicum*-Komplexes in Sachsen. – *Sächs. Flor. Mitt.* **27**: 52–65.
- STARK, L. R. & DOS SANTOS, W. L. 2025. Do spores of *Tortula inermis* (Brid.) Mont. deharden to desiccation tolerance during germination? – *Cryptogamie, Bryologie* **46**(7): 59–67. 10.5252/cryptogamie-bryologie2025v46a7.
- STEBEL, A., TYC, A., JONDERKO, T. & BECZAŁA, T. 2025. Brachythecio rivularis-Cratoneuretum w zachodniej części Karpat (Polska południowa). – *Fragm. Florist. Geobot. Polon.* **30**(1): 81–93. 10.35535/ffgp-2025-0006.
- STEBEL, A. & ZARNOWIEC, J. 2025. Revised Red-list of Polish mosses (version 2025). – *Acta Societatis Botanicae Poloniae* **94**: 1–22. 10.5586/asbp/207184.
- ȘTEFĂNUȚ, S., BIȚĂ-NICOLAE, C., SAHLEAN, T., BIRSAN, C., PAICA, I., NICOARA, R., HELEPCIUC, F.-E. ȘTEFĂNUȚ, M.-M. & ANA-MARIA, M. 2025. Climate Change Projected Effects on *Hamatocaulis vernicosus* Occurrence in Romania. – *Plants* **14**(21): 3354. 10.3390/plants14213354.
- SUTTON, M. D. & HODGETTS, N. G. 2025. *Orthothecium strictum* Lorentz and *Scapania hyperborea* Jørg., new to the British Isles from Lewis, Outer Hebrides, Scotland. – *Journal of Bryology* **47**(2): 97–104. 10.1080/03736687.2025.2511563.
- SZÜCS, P., RÓZSA, S. & MARSCHALL, M. 2025. Large-Scale Illegal Bryophyte Harvesting in Protected Areas of East-Central Europe, Hungary: Conservation Implications. – *Plants* **14**(24): 3785. 10.3390/plants14243785.
- TELGENKAMP, Y., ROBROEK, B. J. M., ROCHEFORT, L., SHEPHERD, H. E. R., BOONE, R. W. C. & THOMAS, C. L. 2025. Standing tall together: Peatland vascular plants facilitate *Sphagnum* moss microtopography. – *Basic and Applied Ecology* **87**: 144–152. 10.1016/j.baae.2025.06.006.
- TURETSKY, M. R., WESTON, D. J., COX, W. D., PETRO, C. & SHAW, A. J. 2025. The challenging but unique eco-evolutionary aspects of *Sphagnum* moss. – *New Phytologist* **247**(4): 1608–1621. 10.1111/nph.70233.
- TYLER, T., NILSSON, S. & MIJIC, D. 2025. Interrelationships between bryophytes, pH and phosphate availability in grasslands and on exposed soil in southern Sweden. – *Journal of Bryology* **47**(1): 55–70. 10.1080/03736687.2025.2470062.
- UYAR, G., KOÇAŞ, S., ASLAN, N., VURAL, G. & BALABAN ZOR, M. 2025. Investigation of the Antimicrobial and Antifungal Activities of Some Moss Species (*Scleropodium touretii* (Brid.) L.F.Koch, *Hypnum cupressiforme* Hedw. var. *lacunosum* Brid., *Brachythecium glareosum* (Bruch ex Spruce) Schimp.). – *Anatolian bryology* **11**: 72–82. 10.26672/anatolianbryology.1718549.
- VALLE, B., LIGI, O., MOSCATELLI, A., ONELLI, E. & CACCIANIGA, M. 2025. Bryophyte colonisation on recently deglaciated lands in the European Alps. – *Journal of Bryology* **47**(1): 44–54. 10.1080/03736687.2025.2456310.
- VARELA, Z., CHOZAS, S., DIAS, S.L., GIRÁLDEZ, P., MONTEIRO, J., BRANQUINHO, C. & HORTAL, J. 2025. Aridity and coexistence with lichens and vascular plants determine the dynamics of coastal dune bryophyte communities. – *Biodiversity and Conservation* **34**(8): 2921–2937. 10.1007/s10531-025-03103-z.
- VESOVIĆ, M., BOZOVIC, D., JADRANIN, B., VUJICIC, M., SABOVLJEVIC, A. & SABOVLJEVIC, M. 2025. Axenic cultivation of bryophytes: growth media composition. – *Plant Cell, Tissue and Organ Culture (PCTOC)* **160**(2): 50. 10.1007/s11240-024-02957-5.
- WAGNER-AHLFS, C. & DOLNIK, C. 2025. Moosflora der Halligen Langeness, Süderoog und Norderoog mit Norderoog Sand. – *Herzogiella* **12**: 55–68.
- WILBRAHAM, J., AFANASJEVA, L. V., ALI, SK. N., ÁLVARO-ALBA, W. R., ... & YAO, K.-Y. 2025. New national and regional bryophyte records, 81. – *Journal of Bryology* **47**(2): 148–163. 10.1080/03736687.2025.2516912.
- WILBRAHAM, J., ALEGRO, A., ALZAIDANEEN, J. S., ASLAN, G., ... & ZHUZENOVA, K. A. 2025. New national and regional bryophyte records, 82. – *Journal of Bryology* **47**(3): 230–246. 10.1080/03736687.2025.2563413.
- WILBRAHAM, J., ALI, SK. N., ALVAREZ, D. J., ÁLVARO-ALBA, W. R., BEDNAREK-OCHYRA, H., CASTAÑO, N., ... ZHUZENOVA, K. A. 2026. New national and regional bryophyte records, 83. – *Journal of Bryology*, 1–17. 10.1080/03736687.2025.2605840.

- WOLSKI, G. J. 2025. A new species of the genus *Sematophyllites* J.-P. Frahm (Sematophyllaceae Broth.) from Baltic Amber. – *Herzogia* **38**(1): 147–155. 10.13158/heia.38.1.2025.147.
- WOLSKI, G. J. 2025. The genus *Plagiothecium* (Plagiotheciaceae) in Europe – current state of knowledge, checklist and key to taxa. – *PhytoKeys* **253**: 67–102. 10.3897/phytokeys.253.142268.
- ZECHMEISTER, H. G. & KROPIK, M. 2025. Bryophytes of the Loess Cliffs in the Pannonian Area of Austria. – *Plants* **14**(20): 3128. 10.3390/plants14203128.
- ZECHMEISTER, H. G. & KROPIK, M. 2025. *Crossidium crassinervium* (De Not.) Jur. – a first record for Austria. – *Herzogia* **38**(1): 176–178. 10.13158/heia.38.1.2025.176.
- ZECHMEISTER, H. G. 2025. Diagnostic characters, ecology, and distribution of *Ephemerum serratum* (Hedw.) Hampe and *Ephemerum stoloniferum* (Hedw.) L.T. Ellis & M.J. Price in Austria. – *Herzogia* **38**(1): 167–175. 10.13158/heia.38.1.2025.167.
- ZECHMEISTER, H. G., KROPIK, M. & SAGMEISTER, P. 2025. Towards an annotated checklist of bryophytes for Burgenland (Austria) including 39 first records [Eine erste kommentierte Checkliste der Moose des Burgenlandes (Österreich) inklusive 39 Neufunde]. – *Neilreichia* **15**: 75–104.

Anschriften der Autoren

STEFAN GEY

Westendstr. 30, D-83527 Haag i. OB., E-Mail: tayloria@my.mail.de

JOHANN PETER GRUBER

Gruberfeldweg 22, A-5322 Hof, E-Mail: jp.gruber@gmx.at