PUBLIKATIONEN

PUBLICATIONS

# Wissenschaftliche Artikel in referierten Zeitschriften

# Scientific articles in peer-reviewed journals

æAlbrechtová, M.; Kašparová, E. Š.; Langrová, I.; Hart, V.; **Neuhaus, B.**; Jankovská, I.; Petrtýl, M.; Magdálek, J.; Špakulová, M. (2024). A revision of the trichostrongylid nematode Cooperia Ransom, 1907, from deer game: recent integrative research conﬁrms the existence of the ancient host-speciﬁc species Cooperia ventricosa (Rudolphi, 1809). *Frontiers in Veterinary Science*, 11. DOI: https://doi.org/10.3389/fvets.2024.1346417.

æAlbrechtová, M.; Kašparová, E. Š.; Langrová, I.; Hart, V.; **Neuhaus, B.**; Jankovská, I.; Petrtýl, M.; Magdálek, J.; Špakulová, M. (2024). Corrigendum: A revision of the trichostrongylid nematode Cooperia Ransom, 1907, from deer game: recent integrative research conﬁrms the existence of the ancient host-speciﬁc species Cooperia ventricosa (Rudolphi, 1809). *Frontiers in Veterinary Science*, 11. DOI: https://doi.org/10.3389/fvets.2024.1388292.

Allaire, N.; Rustán, J. J.; **Korn, D.**; Vaccari, N. E.; Ezpeleta, M.; Balseiro, D. (2024). The late Givetian (Middle Devonian) ammonoid Epitornoceras Frech, 1902 from Argentina (southwestern Gondwana). *Geodiversitas*, 46, (7), 327-341. DOI: https://doi.org/10.5252/geodiversitas2024v46a7.

æ**Allibert, L.**; Siebert, J.; Hyodo, R.; Genda, H.; Raymond, S.; Jacobson, S.; Nakajima, M.; Charnoz, S. (2024). Collisional erosion of mantle silicate during accretion can set the elevated Fe/Mg ratio of Earth. *Icarus*, 429. DOI: https://doi.org/10.1016/j.icarus.2024.116385.

æAndriienko, V.; Buczek, M.; **Meier, R.**; Srivathsan, A.; Łukasik, P.; Kolasa, M. R. (2024). Implementing high-throughput insect barcoding in microbiome studies: impact of non-destructive DNA extraction on microbiome reconstruction. *PeerJ*, 12, e18025. DOI: https://doi.org/10.7717/peerj.18025.

æArdila-Camacho, A.; Machado, R. J. P.; **Ohl, M.**; Contreras-Ramos, A. (2024). A camouflaged diversity: taxonomic revision of the thorny lacewing subfamily Symphrasinae (Neuroptera, Rhachiberothidae). *Zookeys*, 1199, 1-409. DOI: https://doi.org/10.3897/zookeys.1199.115442.

æArens, F. L.; **Airo, A.**; **Sager, C.**; Grossart, H.; Mangelsdorf, K.; Meckenstock, R. U.; Pannekens, M.; Schmitt-Kopplin, P.; Uhl, J.; Valenzuela, B.; Zamorano, P.; Zoccarato, L.; Schulze-Makuch, D. (2024). Microbial response to deliquescence of nitrate-rich soils in the hyperarid Atacama Desert. *Biogeosciences*, 21, (22), 5305-5320. DOI: https://doi.org/10.5194/bg-21-5305-2024.

æArens, F. L.; **Feige, J.**; **Airo, A.**; **Sager, C.**; **Hecht, L.**; Horstmann, L.; **Kaufmann, F. E.**; Lachner, J.; Neumann, T.; Nowaczyk, N.; Schiperski, F.; Steier, P.; Stoll, A.; **Struck, U.**; Valenzuela, B.; Von Blanckenburg, F.; Wittmann, H.; Wacker, L.; Wagner, D.; Zamorano, P.; Schulze-Makuch, D. (2024). Climate variability in a 3.8 Ma old sedimentary record from the hyperarid Atacama Desert. *Global and Planetary Change*, 242. DOI: https://doi.org/10.1016/j.gloplacha.2024.104576.

æBahder, B.W.; Myrie, W.; Helmick E.E.; Van Dam, A.R.; Bartlett, C.R. (2024). A new species of planthopper in the genus Colpoptera (Hemiptera: Fulgoroidea: Nogodinidae) from the Caribbean coast of Costa Rica. *Zootaxa*, 5481, (3), 341-352. DOI: https://doi.org/10.11646/zootaxa.5481.3.3.

æBartel, C.; **Dunlop, J. A.**; Wedmann, S. (2024). Iridescent harvestmen (Arachnida: Opiliones: Sclerosomatidae) from the Eocene of Messel, Germany. *Palaeobiodiversity and Palaeoenvironments*, 104, 963-975. DOI: https://doi.org/10.1007/s12549-024-00607-4.

æBazzana-Adams, K. D.; **MacDougall, M. J.**; **Fröbisch, J.** (2024). Cranial anatomy of Emeroleter levis and the phylogeny of Nycteroleteridae. *PLOS ONE*, 19, (4), e0298216. DOI: https://doi.org/10.1371/journal.pone.0298216.

æBenvenuto, G.; Leone, S.; Astoricchio, E.; **Bormke, S.**; Jasek, S.; D’Aniello, E.; Kittelmann, M.; McDonald, K.; Hartenstein, V.; Baena, V.; Escrivà, H.; Bertrand, S.; Schierwater, B.; Burkhardt, P.; Ruiz-Trillo, I.; Jékely. G.; **Ullrich-Lüter, J.**; **Lüter, C.**; D’Aniello, S.; Arnone. M.I.; Ferraro, F. (2024). Evolution of the ribbon-like organization of the Golgi apparatus in animal cells. *Cell Reports*, 43, (3), 113791. DOI: https://doi.org/10.1016/j.celrep.2024.113791.

æBeurel, S.; Bachelier, J. B.; Munzinger, J.; Shao, F.; Hammel, J. U.; Shi, G.; Sadowski, E. (2024). First flower inclusion and fossil evidence of Cryptocarya (Laurales, Lauraceae) from Miocene amber of Zhangpu (China). *Fossil Record*, 27, (1), 1-11. DOI: https://doi.org/10.3897/fr.27.109621.

**Beurel, S.**; Bachelier, J. B.; Schmidt, A. R.; **Sadowski, E.** (2024). Novel three-dimensional reconstructions of presumed Phylica (Rhamnaceae) from Cretaceous amber suggest Lauralean affinities. *Nature Plants*, 10, (2), 223-227. DOI: https://doi.org/10.1038/s41477-023-01592-w.

Bidzilya, O. V.; **Mey, W.**; Rajaei, H. (2024). First record of the genus Sergeya Ponomarenko, 2008 (Lepidoptera, Gelechiidae) from the Afrotropical and Oriental regions, with description of ten new species. *Zootaxa*, 5493, (5), 486-506. DOI: https://doi.org/10.11646/zootaxa.5493.5.2.

Bidzilya, O. V.; **Mey, W.**; Rajaei, H. (2024). Taxonomic revision of Asapharcha Meyrick, 1920 (Lepidoptera, Gelechiidae), with descriptions of four new species. *Zootaxa*, 5443, (4), 548-566. DOI: https://doi.org/10.11646/zootaxa.5443.4.4.

æBock, S.; Arroba-López, T.E.; Velez-Giler, H.L.; Moreira, V.; Wiedebusch, M.L.M.; Neira-Salamea, K.; Wilkinson, M.; Fuchs, N.; Schönleitner, M.; Rödel, M.-O.; Ron, S.R. (2024). Two new species of Caecilia (Gymnophiona: Caeciliidae) from the Ecuadorian humid Chocó. *Salamandra*, 60, (4), 209-236

æBockwinkel J.; Korn D. (2024). Ammonoids of the Middl Devonian family Maniocratidae in the Anti-Atlas of Morocco. *European Journal of Taxonomy*, 921. DOI: https://doi.org/10.5852/ejt.2024.921.2413.

æBoeger, W. A.; Valim, M. P.; Zaher, H.; Rafael, J. A.; Forzza, R. C.; Percequillo, A. R.; Serejo, C. S.; Garraffoni, A. R.; Santos, A. J.; Slipinski, A.; Linzmeier, A. M.; Calor, A. R.; Garda, A. A.; Kury, A. B.; Fernandes, A. C.; Agudo-Padrón, A. I.; Akama, A.; Da Silva Neto, A. M.; Burbano, A. L.; (...), Riccardi, P. R.; Santos. B.F.; (...), & Leite, Y. L. (2024). Catálogo Taxonômico da Fauna do Brasil: Setting the baseline knowledge on the animal diversity in Brazil. *Zoologia*, 41. DOI: https://doi.org/10.1590/s1984-4689.v41.e24005.

æ**Bofill, S. I. H.**; **Mayer, F.**; Thong, V. D. (2024). Bat diversity in the Cuc Phuong National Park, Vietnam - Results from VIETBIO field training and annotated species list. *Biodiversity Data Journal*, 12. DOI: https://doi.org/10.3897/bdj.12.e119704.

æBorghini, A.; **Ferrero, S.**; O’Brien, P. J.; Wunder, B.; Tollan, P.; Majka, J.; Fuchs, R.; Gresky, K. (2024). Halogen-bearing metasomatizing melt preserved in high-pressure (HP) eclogites of Pfaffenberg, Bohemian Massif. *European Journal of Mineralogy*, 36, (2), 279-300. DOI: https://doi.org/10.5194/ejm-36-279-2024.

æ**Bothe, V.**; Müller, H.; Shubin, N.; **Fröbisch, N.** (2024). Effects of life history strategies and habitats on limb regeneration in plethodontid salamanders. *Development Dynamics*. DOI: https://doi.org/10.1002/dvdy.742.

æBrouwer, F.; Caucci, S.; Karthe, D.; **Kirschke, S.**; Madani, K.; Mueller, A.; Zhang, L.; Guenther, E. (2024). Advancing the resource nexus concept for research and practice. *Sustainability Nexus Forum*, 31, (1-4), 41-65. DOI: https://doi.org/10.1007/s00550-024-00533-1.

æBuffry, A. D.; Currea, J. P.; Franke-Gerth, F. A.; Palavalli-Nettimi, R.; Bodey, A. J.; Rau, C.; Samadi, N.; Gstöhl, S. J.; Schlepütz, C. M.; McGregor, A. P.; **Sumner-Rooney, L.**; Theobald, J.; Kittelmann, M. (2024). Evolution of compound eye morphology underlies differences in vision between closely related Drosophila species. *BMC Biology*, 22, (1). DOI: https://doi.org/10.1186/s12915-024-01864-7.

æBöning, P.; Lötters, S.; Barzaghi, B.; Bock, M.; Bok, B.; Bonato, L.; Ficetola, G. F.; Glaser, F.; Griese, J.; Grabher, M.; Leroux, C.; Munimanda, G.; Manenti, R.; Ludwig, G.; Preininger, D.; **Rödel, M.**; Seibold, S.; Smith, S.; Tiemann, L.; (...)Plewnia, A. (2024). Alpine salamanders at risk? The current status of an emerging fungal pathogen. *PLoS One*, 19, (5), e0298591-e0298591. DOI: https://doi.org/10.1371/journal.pone.0298591.

æCaccavo, J. A.; Arantes, L. S.; Celemín, E.; **Mbedi, S.**; Sparmann, S.; Mazzoni, C. J. (2024). Whole‐genome resequencing improves the utility of otoliths as a critical source of DNA for fish stock research and monitoring. *Molecular Ecology Resources*, 24, (8), e14013-e14013. DOI: https://doi.org/10.1111/1755-0998.14013.

æCanning-Clode, J.; Gizzi, F.; Braga-Henriques, A.; Ramalhosa, P.; Abreu, P.; Álvarez, S.; Biscoito, M.; Buhl-Mortensen, P.; Delgado, J.; Esson, D.; Freitas, M.; Freitas, M.; Henriques, F.; Jakobsen, J.; Jakobsen, K.; Kerckhof, F.; **Lüter, C.**; Moura, C.J.; Radeta, M.; Rocha, R.M.; Santos, R.; Sepúlveda, P.; Silva, R.; Silva, T.; Souto, J.; Triay-Portella, R.; Wirtz, P.; Xavier, J.R.; Bastida-Zavala, R.; Bellou, N.; Gueroun, S.K.M.; Monteiro, J.G. (2024). A pioneering longterm experiment on mesophotic macrofouling communities in the North Atlantic. *Nature Communications Biology*, 7, (1). DOI: https://doi.org/10.1038/s42003-024-07249-4.

**Canoville, A.**; Robin, J.; De Buffrénil, V. (2024). Ontogenetic development of limb bone microstructure in the king penguin, Aptenodytes patagonicus (Miller, 1778), with considerations for palaeoecological inferences in Sphenisciformes. *Zoological Journal of the Linnean Society*, 203, (1), zlae002. DOI: https://doi.org/10.1093/zoolinnean/zlae002.

æCapasso, L.; **Witzmann, F.** (2024). Non-dental odontodes. *Historical Biology*, 1-6. DOI: https://doi.org/10.1080/08912963.2024.2405882.

Capasso, L.; Ebert, M.; **Witzmann, F.** (2024). Dental paleopathologies in †Pycnodontiformes (Osteichthyes:. *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen*, 311, (3), 299-341. DOI: https://doi.org/10.1127/njgpa/2024/1193.

Capasso, L.; Ebert, M.; **Witzmann, F.** (2024). Skeletal and integumental paleopathologies in †Pycnodontomorpha. *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen*, 313, (1), 39-66. DOI: https://doi.org/10.1127/njgpa/2024/1218.

æCarter, G. G.; Ripperger, S. P.; Girbino, V.; Dixon, M. M.; Razik, I.; Page, R. A.; Hobson, E. A. (2024). Long‐term cooperative relationships among vampire bats are not strongly predicted by their initial interactions. *Annals of the New York Academy of Sciences*, 1541, (1), 129-139. DOI: https://doi.org/10.1111/nyas.15241.

æCaruso, V.; **Hartop, E.**; Chimeno, C.; Noori, S.; **Srivathsan, A.**; Haas, M.; Lee, L.; Meier, R.; Whitmore, D. (2024). An integrative framework for dark taxa biodiversity assessment at scale: A case study using Megaselia (Diptera, Phoridae). *Insect Conservation and Diversity*, 17, (6), 968-987. DOI: https://doi.org/10.1111/icad.12762.

æCesne, M. L.; **Hoch, H.**; Zhang, Y.; Bourgoin, T. (2024). Why cave planthoppers study matters: are Cixiidae a subtroglophile lineage?(Hemiptera, Fulgoromorpha). *Subterranean Biology*, 48, 147-170. DOI: https://doi.org/10.3897/subtbiol.48.117086.

æChabot, N. L.; Rivkin, A. S.; Cheng, A. F.; Barnouin, O. S.; Fahnestock, E. G.; Richardson, D. C.; Stickle, A. M.; Thomas, C. A.; Ernst, C. M.; Daly, R. T.; Dotto, E.; Zinzi, A.; Chesley, S. R.; Moskovitz, N. A.; Barbee, B. W.; Abell, P.; Agrusa, H. F.; Bannister, M. T.; Beccarelli, J.; (...), Luther, R.; Wünnemann, K. (...), Zhang, Y. (2024). Achievement of the Planetary Defense Investigations of the Double Asteroid Redirection Test (DART) Mission. *The Planetary Science Journal*, 5, (2), 49-49. DOI: https://doi.org/10.3847/psj/ad16e6.

æChaverri, G.; Sagot, M.; Stynoski, J. L.; Araya-Salas, M.; Araya-Ajoy, Y.; **Nagy, M.**; **Knörnschild, M.**; Chaves-Ramírez, S.; Rose, N.; Sánchez-Chavarría, M.; Jiménez-Torres, Y.; Ulloa-Sanabria, D.; Solís-Hernández, H.; Carter, G. G. (2024). Calling to the collective: contact calling rates within groups of disc-winged bats do not vary by kinship or association. *Philosophical Transactions B*, 379, (1905). DOI: https://doi.org/10.1098/rstb.2023.0195.

æChiarenza, A. A.; **Cantalapiedra, J. L.**; Jones, L. A.; Gamboa, S.; Galván, S.; Farnsworth, A. J.; Valdes, P. J.; Sotelo, G.; Varela, S. (2024). Early Jurassic origin of avian endothermy and thermophysiological diversity in dinosaurs. *Current Biology*, 34, (11), 2517-2527e. DOI: https://doi.org/10.1016/j.cub.2024.04.051.

æChitimia-Dobler, L.; Handschuh, S.; **Dunlop, J. A.**; Pienaar, R.; Mans, B. J. (2024). Nuttalliellidae in Burmese amber: implications for tick evolution. *Parasitology*, 151, (9), 891-907. DOI: https://doi.org/10.1017/s0031182024000477.

æ**Chowdhury, M. A. W.**; **Müller, J.**; Ghose, A.; Amin, R.; Sayeed, A. A.; Kuch, U.; Faiz, M. A. (2024). Combining species distribution models and big datasets may provide finer assessments of snakebite impacts. *PLoS Neglected Tropical Diseases*, 18, (5), e0012161. DOI: https://doi.org/10.1371/journal.pntd.0012161.

æClark, G. E.; Palci, A.; Laver, R. J.; Hernandez-Morales, C.; Perez-Martinez, C. A.; Lewis, P. J.; Thies, M. L.; Bell, C. J.; Hipsley, C. A.; **Müller, J.**; Montero, R.; Daza, J. D. (2024). The specialized inner ear labyrinth of worm-lizards (Amphisbaenia: Squamata). *PLoS ONE*, 19, (11), e0312086. DOI: https://doi.org/10.1371/journal.pone.0312086.

æCruaud, A.; Rasplus, J.; Zhang, J.; Burks, R.; Delvare, G.; Fusu, L.; Gumovsky, A.; Huber, J. T.; Janšta, P.; Mitroiu, M.; Noyes, J. S.; Van Noort, S.; Baker, A.; Böhmová, J.; Baur, H.; **Blaimer, B. B.**; Brady, S. G.; Bubeníková, K.; Chartois, M.; ( . . .), Heraty, J. M. (2024). The Chalcidoidea bush of life: evolutionary history of a massiveradiation of minute wasps. *Cladistics*, 40, (1), 34-63. DOI: https://doi.org/10.1111/cla.12561.

æDai, K.; Luo, X.; Zhu, M.; Collins, G. S.; Davison, T.; Luther, R.; Wünnemann, K. (2024). Impact Momentum Transfer—Insights from Numerical Simulation of Impacts on Large Boulders of Asteroids. *The Planetary Science Journal*, 5, (9), 214. DOI: https://doi.org/10.3847/psj/ad72eb.

æ**De Faria, G. R.**; **Lazarus, D.**; **Renaudie, J.**; **Özen, V.**; **Struck, U.** (2024). Late Eocene to early Oligocene productivity events in the proto-Southern Ocean and correlation to climate change.. *Climate of the Past*, 20, (6), 1327-1348. DOI: https://doi.org/10.5194/cp-20-1327-2024.

æ**De Mazancourt, V.**; **Freitag, H.**; Von Rintelen, K.; Manuel-Santos, M.; Von Rintelen, T. (2024). Correction: de Mazancourt et al. Updated Checklist of the Freshwater Shrimps (Decapoda: Caridea: Atyidae) of Mindoro Island, the Philippines, with a Description of a New Species of Caridina. Arthropoda2023, 1, 374–397. *Arthropoda*, 2, (2), 149-155. DOI: https://doi.org/10.3390/arthropoda2020011.

Denzer, W.; **Tillack, F.** (2024). The original description of Agama gutturosa Merrem, 1819 and its nomenclatural implications on the genus Bronchocela Kaup, 1827 (Squamata: Agamidae).. *Zootaxa*, 5507, (2), 337-355. DOI: https://doi.org/10.11646/zootaxa.5507.2.6.

Dowsett, R. J.; **Frahnert, S.**; Dowsett-Lemaire, F. (2024). A taxonomic revision of the White-headed Black Chat Myrmecocichla arnotti (Aves: Muscicapidae).. *Ostrich*, 95, (2), 113-124. DOI: https://doi.org/10.2989/00306525.2024.2366097.

æDriever, W.; Holzschuh, J.; **Sommer, L.**; Nitschke, R.; Naumann, A.; **Elmer, J.**; **Giere, P.** (2024). Hilde Mangold: Original microscope slides and records of the gastrula organizer experiments. *Cells and Development*, 178, 203909. DOI: https://doi.org/10.1016/j.cdev.2024.203909.

æDu Preez, L. H.; Netherlands, E. C.; **Rödel, M.**; Channing, A. (2024). A new bullfrog from southern Africa (Pyxicephalidae, Pyxicephalus Tschudi, 1838). *African Journal of Herpetology*, 73, (1), 61-89. DOI: https://doi.org/10.1080/21564574.2023.2296654.

æDunlop, J. A. ; Garwood, R. (2024). A review of fossil scorpion higher systematics. *PeerJ*, 12, e18557-e18557. DOI: https://doi.org/10.7717/peerj.18557.

æEgerer, M.; **Karlebowski, S.**; Conitz, F.; Neumann, A. E.; Schmack, J. M.; **Sturm, U.** (2024). In defence of urban community gardens. *People and Nature*, 6, (2), 367-376. DOI: https://doi.org/10.1002/pan3.10612.

æEgerer, M.; **Karlebowski, S.**; Schoo, D.; **Sturm, U.** (2024). Growing gardens into neighborhoods through transdisciplinary research. *Urban Forestry & Urban Greening*, 100, 128481. DOI: https://doi.org/10.1016/j.ufug.2024.128481.

æ**Ehlers, S.**; Li, H.; **Kirschey, L.**; **Ohl, M.** (2024). A new species of the mantidfly genus Euclimacia from Vietnam (Neuroptera, Mantispidae). *Deutsche Entomologische Zeitschrift*, 71, (2), 255-264. DOI: https://doi.org/10.3897/dez.71.123553.

æ**England, S. J.**; Robert, D. (2024). Prey can detect predators via electroreception in air. *Proceedings of the National Academy of Sciences*, 121, (23), e2322674121. DOI: https://doi.org/10.1073/pnas.2322674121.

æFarwig, N.; Sprenger, P. P.; Baur, B.; Böhning-Gaese, K.; Brandt, A.; Eisenhauer, N.; Ellwanger, G.; Hochkirch, A.; Karamanlidis, A. A.; Mehring, M.; Pusch, M.; Rehling, F.; **Sommerwerk, N.**; Spatz, T.; Svenning, J.; Tischew, S.; Tockner, K.; Tscharntke, T.; Vadrot, A. B. M.; Taffner, J.; Fürst, C.; Jähnig, S. C.; Mosbrugger, V. (2024). Identifying Major Factors for Success and Failure of Conservation Programs in Europe. *Environmental Management*. DOI: https://doi.org/10.1007/s00267-024-02086-x.

æFeige, J.; Airo, A.; Berger, D.; Brückner, D.; Gärtner, A.; Genge, M.; Leya, I.; Habibi Marekani, F.; Hecht, L.; Klingner, N.; Lachner, J.; Li, X.; Merchel, S.; Nissen, J.; Patzer, A.B.C.; Peterson, S.; Schropp, A.; Sager, C.; Suttle, M.D.; Trappitsch, R.; Weinhold, J. (2024). Transport of dust across the Solar System: Constraints on the spatial origin of individual micrometeorites from cosmic-ray exposure. *Phil. Trans. R. Soc. A.*, 382, (2273), 20230197. DOI: https://doi.org/10.1098/rsta.2023.0197.

æFernandes, D. R.; Santos, B. F.; Pádua, D. G.; Araujo, R. O. (2024). Refining the Taxonomic Catalog of the Brazilian Fauna: some species of Darwin wasps (Hymenoptera: Ichneumonidae) erroneously reported for Brazil. *Zoologia (Curitiba)*, 41. DOI: https://doi.org/10.1590/s1984-4689.v41.e23104.

æ**Fernandez, A. A.**; Serve, N.; Fabian, S.; **Knörnschild, M.** (2024). Maternal behavior influences vocal practice and learning processes in the greater sac-winged bat. *eLife*, 13. DOI: https://doi.org/10.7554/elife.99474.1.

**Fernandez, A. A.**; **Tietge, M.**; **Ripperger, S.** (2024). Observations of a greater sac-winged bat pup (Saccopteryx bilineata) with a chromatic disorder. *Mammalia*, 88, (4), 332-336. DOI: https://doi.org/10.1515/mammalia-2023-0170.

æ**Ferner, K.** (2024). Development of the pulmonary vasculature in the gray short‐tailed opossum (<i>Monodelphis domestica</i>)—<scp>3D</scp> reconstruction by microcomputed tomography. *The Anatomical Record*. DOI: https://doi.org/10.1002/ar.25542.

æ**Ferner, K.** (2024). Development of the terminal air spaces in the gray short-tailed opossum (Monodelphis domestica)– 3D reconstruction by microcomputed tomography. *PLoS ONE*, 19, (2), e0292482. DOI: https://doi.org/10.1371/journal.pone.0292482.

Fischer-Gödde, M.; Tusch, J.; Goderis, S.; Bragagni, A.; **Mohr-Westheide, T.**; Messling, N.; Elfers, B.; Schmitz, B.; Reimold, W. U.; Maier, W. D.; Claeys, P.; Koeberl, C.; Tissot, F. L. H.; Bizzarro, M.; Münker, C. (2024). Ruthenium isotopes show the Chicxulub impactor was a carbonaceous-type asteroid. *Science*, 385, (6710), 752-756. DOI: https://doi.org/10.1126/science.adk4868.

æFreisem, L. S.; **Müller, J.**; Sues, H.; Sobral, G. (2024). A new sphenodontian (Diapsida: Lepidosauria) from the Upper Triassic (Norian) of Germany and its implications for the mode of sphenodontian evolution. *BMC Evolutionary Biology*, 24, (1). DOI: https://doi.org/10.1186/s12862-024-02218-1.

**Freyhof, J.**; Jouladeh-Roudbar, A. (2024). Turcinoemacheilus inexpectatus, a new nemacheilid loach from the Tigris drainage (Teleostei: Nemacheilidae).. *Zootaxa*, 5399, (2), 172-180. DOI: https://doi.org/10.11646/zootaxa.5399.2.6.

**Freyhof, J.**; Yourtuolu, B. (2024). Luciobarbus lydianus and L. kottelati, two synonyms of L. graecus (Teleostei: Cyprinidae).. *Zootaxa*, 5415, (3), 466-476. DOI: https://doi.org/10.11646/zootaxa.5415.3.6.

æFriedrichs-Manthey, M.; Bowler, D. E.; **Freyhof, J.** (2024). Freshwater fish in mid and northern German rivers – Long-term trends and associated species traits. *Science of The Total Environment*, 957, 177759-177759. DOI: https://doi.org/10.1016/j.scitotenv.2024.177759.

æ**Frisch, J.**; Turner, C. R.; Aristophanous, M. (2024). Scopaeus saotomensis spec. nov., a flightless rove beetle from the Island of São Tomé (Coleoptera: Staphylinidae: Paederinae: Lathrobiini) – Isolation and adaptation in a dark, humid, tropical forest environment. *Soil Organisms 96(2): 69-78*, 96, (2), 69-78. DOI: https://doi.org/10.25674/417.

Gajski, D.; Mifková, T.; Košulič, O.; Michálek, O.; **Serbina, L. Š.**; Michalko, R.; Pekár, S. (2024). Brace yourselves, winter is coming: the winter activity, natural diet, and prey preference of winter-active spiders on pear trees. *Journal of Pest Science*, 97, 113-126. DOI: https://doi.org/10.1007/s10340-023-01609-5.

æGarcia‐Erill, G.; Wang, X.; Rasmussen, M. S.; Quinn, L.; Khan, A.; Bertola, L. D.; Santander, C. G.; Balboa, R. F.; Ogutu, J. O.; Pečnerová, P.; Hanghøj, K.; Kuja, J.; Nursyifa, C.; Masembe, C.; Muwanika, V.; **Bibi, F.**; Moltke, I.; Siegismund, H. R.; Albrechtsen, A.; Heller, R. (2024). Extensive Population Structure Highlights an Apparent Paradox of Stasis in the Impala (Aepyceros melampus). *Molecular Ecology*, 33, (22). DOI: https://doi.org/10.1111/mec.17539.

æGattacceca, J.; McCubbin, F. M.; Grossman, J. N.; Schrader, D. L.; Cartier, C.; Consolmagno, G.; Goodrich, C.; **Greshake, A.**; Gross, J.; Joy, K. H.; Miao, B.; Zhang, B. (2024). The Meteoritical Bulletin, no. 112. *Meteoritics & Planetary Science*, 59, (7), 1820-1823. DOI: https://doi.org/10.1111/maps.14181.

æGautam, S.; McKenzie, S.; Katzke, J.; Garcia, F. H.; Yamamoto, S.; Economo, E. P. (2024). Evolution of odorant receptor repertoires across Hymenoptera is not linked to the evolution of eusociality. *Proceedings of the Royal Society B*, 291, (2031). DOI: https://doi.org/10.1098/rspb.2024.1280.

æGilasian, E.; **Ziegler, J.**; Jalilian, F.; Allahvaisi, S. (2024). A new species of the genus Minthodes Brauer &amp; Bergenstamm (Diptera: Tachinidae) from Iran. *Journal of Insect Biodiversity and Systematics*, 10, (2), 327-337. DOI: https://doi.org/10.61186/jibs.10.2.327.

æGojznikar, J.; **Mayer, F.** (2024). Mitochondrial DNA reveals the impact of Pleistocene glaciations on a widespread palearctic bat species. *Mammalian Biology*. DOI: https://doi.org/10.1007/s42991-024-00449-9.

æGottscho, A. D.; **Mulcahy, D. G.**; Leaché, A. D.; De Queiroz, K.; Lovich, R. E. (2024). Population genomics of flat-tailed horned lizards (Phrynosoma mcallii) informs conservation and management across a fragmented Colorado Desert landscape.. *Molecular Ecology*, 33, (7). DOI: https://doi.org/10.1111/mec.17308.

æ**Griesbaum, F.**; Pacher, K. (2024). Striped individuals of the grass snake, Natrix natrix (Linnaeus, 1758) in anthropogenic habitats of Berlin, Germany, might indicate human introduction. *North-Western Journal of Zoology*, 20, (1), 90-93. DOI: https://doi.org/10.5281/zenodo.11654911.

æGötze, S.; **Reddin, C. J.**; Ketelsen, I.; Busack, M.; Lannig, G.; Bock, C.; Pörtner, H. (2024). Cardiac performance mirrors the passive thermal tolerance range in the oyster, Ostrea edulis. *Journal of Experimental Biology*, 228, (2). DOI: https://doi.org/10.1242/jeb.249750.

æ**Günther, R.**; Richards, S. (2024). Two new Choerophryne species from western Papua New Guinea (Amphibia: Anura: Microhylidae). *Salamandra*, 60, (3), 153-167

**Hagedorn, G.**; & Peter, F. (2024). Efficacy Simulations. A pattern of inadequate environmental action – Wirksamkeitssimulationen. Ein Muster unzureichender Umweltschutzmaßnahmen. *Zeitschrift Umweltpsychologie*, 27, (2), 371-384

**Hamann, C.**; Piehl, P.; Weingart, E.; Stolle, D.; Al-Sabbagh, D.; Ostermann, M.; Auer, G.; Adam, C. (2024). Selective removal of zinc and lead from electric arc furnace dust by chlorination–evaporation reactions. *Journal of Hazardous Materials*, 465, (5), 133421. DOI: https://doi.org/10.1016/j.jhazmat.2023.133421.

æ**Hampe, O.**; Von der Hocht, F. (2024). The first cetacean from the early Oligocene of the SW German Mainz Basin: a probable cheek tooth of a mysticete (Mammalia: Cetacea). *Paläontologische Zeitschrift*, 98, (1), 161-174. DOI: https://doi.org/10.1007/s12542-023-00676-4.

æ**Hartop, E.**; Lee, L.; **Srivathsan, A.**; Jones, M.; Peña-Aguilera, P.; Ovaskainen, O.; Roslin, T.; **Meier, R.** (2024). Resolving Biology’s Dark Matter: Species richness, spatiotemporal distribution, and community composition of a dark taxon. *BMC Biology*, 22, (1), 215. DOI: https://doi.org/10.1186/s12915-024-02010-z.

æHashizume, T.; **Schülke, M.**; Maruyama, M. (2024). Tachinus of Japan (Coleoptera: Staphylinidae: Tachyporinae): new records, a new synonym, and a new species. *Acta entomologica Musei Nationalis Pragae*, 64, (1), 121-139. DOI: https://doi.org/10.37520/aemnp.2024.010.

æHauffe, T.; **Cantalapiedra, J. L.**; Silvestro, D. (2024). Trait-mediated speciation and human-driven extinctions in proboscideans revealed by unsupervised Bayesian neural networks. *Science Advances*, 10, (30), eadl2643. DOI: https://doi.org/10.1126/sciadv.adl2643.

æHempel, E.; Faith, J. T.; Preick, M.; De Jager, D.; Barish, S.; Hartmann, S.; Grau, J. H.; Moodley, Y.; Gedman, G.; Pirovich, K. M.; Bibi, F.; Kalthoff, D. C.; Bocklandt, S.; Lamm, B.; Dalén, L.; Westbury, M. V.; Hofreiter, M. (2024). Colonial-driven extinction of the blue antelope despite genomic adaptation to low population size. *Current Biology*, 34, (9), 2020-2029. DOI: https://doi.org/10.1016/j.cub.2024.03.051.

æ**Heyne, E.**; Weißpflug, M.; **Sturm, U.** (2024). Participatory Practices and Transforming Environmental Research in the Anthropocene. *Environmental Science & Policy*, 153, 103655-103655. DOI: https://doi.org/10.1016/j.envsci.2023.103655.

**Hoch, H.**; Pingel, M.; Voigt, D.; Wyss, U.; Gorb, S. (2024). Adhesive properties of Aphrophoridae spittlebug foam. *Journal of the Royal Society Interface*, 21, (210). DOI: https://doi.org/10.1098/rsif.2023.0521.

æ**Hoch, H.**; Porter, M. L.; Slay, C. M.; Slay, M. E.; Steck, M.; Chong, R. A. (2024). From the dark side of paradise: a new natural replication of cave planthopper evolution from Hawaiian lava tubes (Hemiptera: Fulgoromorpha: Cixiidae). *Zoological Journal of the Linnean Society*, 202, (3). DOI: https://doi.org/10.1093/zoolinnean/zlad198.

æ**Hopman, R.** (2024). Snails, time, data: On the politics of mass-digitization and the possibility of data drift. *Big Data & Society*, 11, (3). DOI: https://doi.org/10.1177/20539517241267760.

æHorstmann, L.; Lipus, D.; Bartholomäus, A.; Arens, F.; **Airo, A.**; Ganzert, L.; Zamorano, P.; Schulze-Makuch, D.; Wagner, D. (2024). Persistent microbial communities in hyperarid subsurface habitats of the Atacama Desert: Insights from intracellular DNA analysis. *PNAS Nexus*, 3, (4), pgae123. DOI: https://doi.org/10.1093/pnasnexus/pgae123.

æHu, F.; Arriaga-Varela, E.; Biffi, G.; Bocák, L.; Bulirsch, P.; Damaška, A. F.; **Frisch, J.**; Hájek, J.; Hlaváč, P.; Ho, B.; Ho, Y.; Hsiao, Y.; Jelínek, J.; Klimaszewski, J.; Kundrata, R.; Löbl, I.; Makranczy, G.; Matsumoto, K.; Phang, G.; ( . . .), Fikáček, M. (2024). Forest leaf litter beetles of Taiwan: first DNA barcodes and first insight into the fauna. *Deutsche Entomologische Zeitschrift*, 71, (1), 17-47. DOI: https://doi.org/10.3897/dez.71.112278.

æIsaak, A. L.; Ho, M.; Dhillon, M. S.; Johnson, M. D.; Westphal, H.; **Doo, S. S.** (2024). Macroalgal presence decreases coral calcification rates more than ocean acidification. *Coral Reefs*, 43, (4), 1133-1137. DOI: https://doi.org/10.1007/s00338-024-02515-7.

æJensen, L.K.; Hartmann, K.T.; **Witzmann, F.**; Asbach, P.; Stewart, P.S. (2024). Bone infection evolution. *Injury*, 55, (Supplement 6), 111826-111826. DOI: https://doi.org/10.1016/j.injury.2024.111826.

æJiménez-Mejías, P.; Manzano, S.; Gowda, V.; Krell, F.; Lin, M.; Martín-Bravo, S.; Martín-Torrijos, L.; Feliner, G. N.; Mosyakin, S. L.; Naczi, R. F. C.; Acedo, C.; Álvarez, I.; Crisci, J. V.; Garcés, M. L.; Manning, J.; Saiz, J. C. M.; Muasya, A. M.; Riina, R.; Meseguer, A. S.; (...) Fitzpatrick, M. , Hita Garcia, F.; +1500 other coauthor. (2024). Protecting stable biological nomenclatural systems enables universal communication: A collective international appeal. *BioScience*, 74, (7), 467-472. DOI: https://doi.org/10.1093/biosci/biae043.

æJohnson, M. M.; Scheyer, T. M.; **Canoville, A.**; Maxwell, E. E. (2024). Palaeohistology of <i>Macrospondylus bollensis</i> (Crocodylomorpha: Thalattosuchia: Teleosauroidea) from the Posidonienschiefer Formation (Toarcian) of Germany, with insights into life history and ecology. *The Anatomical Record*, 308, (2). DOI: https://doi.org/10.1002/ar.25577.

æ**Josić, D.**; **Çoraman, E.**; **Waurick, I.**; Franzenburg, S.; Ancillotto, L.; Bajić, B.; Budinski, I.; Dietz, C.; Görföl, T.; **Bofill, S. I. H.**; Presetnik, P.; Russo, D.; Spada, M.; Zrnčić, V.; Blom, M. P. K.; **Mayer, F.** (2024). Cryptic hybridization between the ancient lineages of Natterer's bat (Myotis nattereri). *Molecular Ecology*, 33, (13), e17411. DOI: https://doi.org/10.1111/mec.17411.

æ**Jouladeh-Roudbar, A.**; Kaya, C.; Vatandoust, S.; Ghanavi, H. R. (2024). New insights into the phylogeny of Carasobarbus Karaman, 1971 (Actinopterygii, Cyprinidae) with the description of three new species. *Scientific Reports*, 14, (1), 21801. DOI: https://doi.org/10.1038/s41598-024-71463-7.

João C. S. Nascimento|Fernando Blanco|M. Soledad Domingo|Juan L. Cantalapiedra|Mathias M. Pire. (2024). The reorganization of predator–prey networks over 20 million years explains extinction patterns of mammalian carnivores. *Ecology Letters*, 27, (6). DOI: https://doi.org/10.1111/ele.14448.

æKargopoulos, N.; Marugán-Lobón, J.; Chinsamy, A.; Agwanda, B. R.; Brown, M. B.; Fennessy, S.; Ferguson, S.; Hoffman, R.; Lala, F.; Muneza, A.; Mwebi, O.; Otiende, M.; **Petzold, A.**; Winter, S.; Zabeirou, A. R. M.; Fennessy, J. (2024). Heads up–Four Giraffa species have distinct cranial morphology. *PLoS ONE*, 19, (12), e0315043. DOI: https://doi.org/10.1371/journal.pone.0315043.

æKaya, C.; Kurtul, I.; Aksu, İ.; Oral, M.; **Freyhof, J.** (2024). Oxynoemacheilus chaboras, a new loach species from the Euphrates drainage in Türkiye (Teleostei, Nemacheilidae). *Zoosystematics and Evolution*, 100, (2), 457-468. DOI: https://doi.org/10.3897/zse.100.118612.

æ**Kean, K. J.**; **Danto, M.**; **Pérez-Ben, C.**; **Fröbisch, N. B.** (2024). Evolution of the tetrapod skull: a systematic review of bone loss.. *Fossil Record*, 27, (3), 445-471. DOI: https://doi.org/10.3897/fr.27.133803.

æ**Keinath, S.**; De Silva, S.; **Sommerwerk, N.**; **Freyhof, J.** (2024). High levels of species' extirpation in an urban environment—A case study from Berlin, Germany, covering 1700–2023. *Ecology and Evolution*, 14, (7), e70018. DOI: https://doi.org/10.1002/ece3.70018.

Keipert, S.; Gaudry, M. J.; Kutschke, M.; Keuper, M.; Rosa, M. A. S. D.; Cheng, Y.; Kuhn, J. M. M.; Laterveer, R.; Cotrim, C. A.; **Giere, P.**; Perocchi, F.; Feederle, R.; Crichton, P. G.; Lutter, D.; Jastroch, M. (2024). Two-stage evolution of mammalian adipose tissue thermogenesis. *Science*, 384, (6700), 1111-1117. DOI: https://doi.org/10.1126/science.adg1947.

æ**Kilic, K. D.**; Erisik, D.; Taskiran, D.; Turhan, K.; Kose, T.; Cetin, E. O.; R, A. S.; Uyanikgil, Y. (2024). Protective effects of E-CG-01 (3,4-lacto cycloastragenol) against bleomycin-induced lung fibrosis in C57BL/6 mice. *Biomedicine & Pharmacotherapy*, 177, 117016-117016. DOI: https://doi.org/10.1016/j.biopha.2024.117016.

**Kirschke, S.**; Akif, N. U. (2024). How do the social sciences approach wicked resource nexus problems? A bibliometric review. *Environmental Earth Sciences*, 83, 607. DOI: https://doi.org/10.1007/s12665-024-11884-9.

Klein, H.; Lucas, S. G.; Lallensack, J. N.; **Marchetti, L.** (2024). Peabody's legacy: the Moenkopi Formation (Middle Triassic, Anisian)  
tetrapod ichnofauna—updates from an extensive new tracksite in NE  
Arizona, USA. *PalZ*, 98, (2), 357-389. DOI: https://doi.org/10.1007/s12542-023-00680-8.

æKlotz, Werner; Von Rintelen, Thomas; Von Rintelen, Kristina. (2024). Three New Species of the Freshwater Shrimp Genus Caridina from Australia. *Arthropoda*, 2, (1), 99-118. DOI: https://doi.org/10.3390/arthropoda2010008.

Kment, P.; Jacobs, D. H.; Carapezza, A.; **Deckert, J.**; Rider, D. A.; Kóbor, P. (2024). Desert Bugs (Hemiptera: Heteroptera: Thaumastellidae): New records and review of the distribution and habitat of this relict group. *Zootaxa*, 5541, (2), 144-162. DOI: https://doi.org/10.11646/zootaxa.5541.2.2.

æKnecht, R. J.; Benner, J. S.; Swain, A.; Azevedo-Schmidt, L.; Cleal, C. J.; Labandeira, C. C.; Engel, M. S.; **Dunlop, J. A.**; Selden, P. A.; Eble, C. F.; Renczkowski, M. D.; Wheeler, D. A.; Funderburk, M. M.; Emma, S. L.; Knoll, A. H.; Pierce, N. E. (2024). Early Pennsylvanian Lagerstätte reveals a diverse ecosystem on a subhumid, alluvial fan. *Nature Communications*, 15, (1). DOI: https://doi.org/10.1038/s41467-024-52181-0.

æKohout, T.; Pajola, M.; Soini, A.; Lucchetti, A.; Luttinen, A.; Duchêne, A.; Murdoch, N.; **Luther, R.**; Chabot, N. L.; Raducan, S. D.; Sánchez, P.; Barnouin, O. S.; Rivkin, A. S. (2024). Impact Disruption of Bjurböle Porous Chondritic Projectile. *The Planetary Science Journal*, 5, (5), 128-128. DOI: https://doi.org/10.3847/psj/ad4266.

**Korn, D.** (2024). Late Devonian tornoceratid ammonoids from the Timan region, NW Russia. *Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen*, 310, (3), 219-228. DOI: https://doi.org/10.1127/njgpa/2023/1178.

Kovac, D.; **Kameneva, E. P.**; **Korneyev, S. V.**; Araújo, A. S.; Savaris, M.; Smit, J. T.; Schneider, A.; Schreiber, R.; Korneyev, V. A. (2024). Revision of the Aspistomella group of genera (Diptera: Ulidiidae: Pterocallinae: Lipsanini). *Zootaxa*, 5530, (1), 1-117. DOI: https://doi.org/10.11646/zootaxa.5530.1.1.

Kukushkin, O.; Tillack, F.; Doronin, I.; Kluge, N.; Jablonski, D. (2024). Johann Gottlieb Georgi or Peter Simon Pallas: review regarding the authorship and description of Lacerta taurica (Squamata, Lacertidae). *Zootaxa*, 5493, (5), 542-560. DOI: https://doi.org/10.11646/zootaxa.5493.5.4.

æLandry, B.; **Léger, T.** (2024). Taxonomic revision of the Crambinae (Lepidoptera, Pyralidae sensu lato) of the Galápagos Islands, Ecuador. *Revue suisse de zoologie*, 131, (2), 357-387. DOI: https://doi.org/10.35929/rsz.0129.

æLewthwaite, J. M. M.; Baiotto, T. M.; Brown, B. V.; Cheung, Y. Y.; Baker, A. J.; Lehnen, C.; McGlynn, T. P.; Shirey, V.; Gonzalez, L.; **Hartop, E.**; Kerr, P. H.; Wood, E.; Guzman, L. M. (2024). Drivers of arthropod biodiversity in an urban ecosystem. *Scientific Reports*, 14, (1), 390 (2024) . DOI: https://doi.org/10.1038/s41598-023-50675-3.

Li, H.; Zhuo, D.; Wang, B.; Nakamine, H.; Yamamoto, S.; Zhang, W.; Jepson, J. E.; **Ohl, M.**; Aspöck, U.; Aspöck, H.; Nyunt, T. T.; Engel, M. S.; Benton, M. J.; Donoghue, P.; Liu, X. (2024). A double-edged sword: evolutionary novelty along deep-time diversity oscillation in an iconic group of predatory insects (Neuroptera: Mantispoidea). *Systematic Biology*. DOI: https://doi.org/10.1093/sysbio/syae068.

æLiu, C.; **Hita Garcia, F.**; Peng, Y.-Q.; Pierce, N.E. (2024). Taxonomy of the ant genus Cerapachys Smith, 1857 (Hymenoptera:Formicidae) in China with description of a new species. *Asian Myrmecology*, 17, e017001. DOI: https://doi.org/10.20362/am.017001.

æLompa, T.; Ebbing, J.; **Wünnemann, K.** (2024). Evolution of Impact Basin Gravity Signatures on the Lunar Farside: A Long‐Term Alteration Process. *Journal of Geophysical Research - Planets*, 129, (4). DOI: https://doi.org/10.1029/2023je008177.

æLukhaup, C.; Eprilurahman, R.; **Von Rintelen, T.** (2024). Two New Species of Crayfish of the Genus Cherax (Crustacea, Decapoda, Parastacidae) from Western and Eastern Indonesian New Guinea. *Arthropoda*, 2, (4), 264-293. DOI: https://doi.org/10.3390/arthropoda2040019.

æMacDougall, M.J; Jannel, A.; Henrici, A.C.; Berman, D.S.; Sumida, S.S.; Martens, T.; Fröbisch, N.B.; Fröbisch, J. (2024). A new recumbirostran ‘microsaur’ from the lower Permian Bromacker locality, Thuringia, Germany, and its fossorial adaptations. *Scientific Reports*, 14, (1). DOI: https://doi.org/10.1038/s41598-023-46581-3.

æMalekmohammadi, M.; Koutroumpa, K.; Crespo, M. B.; Domina, G.; Korotkova, N.; Akhani, H.; von Mering, S.; Borsch, T.; Berendsohn, W. (2024). A taxonomic backbone for the Plumbaginaceae (Caryophyllales). *PhytoKeys*, 243, 67-103. DOI: https://doi.org/10.3897/phytokeys.243.122784.

Maller, A.; Landeau, M.; **Allibert, L.**; Charnoz, S. (2024). Condition for metal fragmentation during Earth-forming collisions. *Physics of the Earth and Planetary Interiors*, 352, 107199. DOI: https://doi.org/10.1016/j.pepi.2024.107199.

æMallory E. DeCoster, Robert Luther, Gareth S. Collins, Kaiyi Dai, Thomas Davison, Dawn M. Graninger, Felix Kaufmann, Emma S. G. Rainey and Angela M. Stickl. (2024). The Relative Effects of Surface and Subsurface Morphology on the Deflection Efficiency of Kinetic Impactors: Implications for the DART Mission. *The Planetary Science Journal*, 5, (1), 21-21. DOI: https://doi.org/10.3847/psj/ad11ec.

æ**Marchetti, L.** (2024). Stratigraphy of the Early Permian Bromacker  
locality (Tambach Formation, Sakmarian,  
Germany). *Permophiles*, 76, 33-35

**Marchetti, L.**; **MacDougall, M. J.**; Buchwitz, M.; **Canoville, A.**; **Herde, M.**; Kammerer, C. F.; **Fröbisch, J.** (2024). Origin and early evolution of vertebrate burrowing behaviour. *Earth-Science Reviews*, 250, 104702-104702. DOI: https://doi.org/10.1016/j.earscirev.2024.104702.

Marcuk, V.; **Eckhoff, P.** (2024). First description of the nest and eggs of the Spot-throated Hummingbird Thaumasius taczanowski. *Cotinga*, 46, 43-45

æMarcuk, V.; Greeney, H. F.; **Eckhoff, P.** (2024). THE NEST AND EGGS OF THE RUFOUS-SHAFTED WOODSTAR Chaetocercus jourdanii andinus, WITH A REVIEW ON THE BREEDING DATA FOR THE GENUS; El nido y los huevos del Colibrí de Jourda Chaetocercus jourdanii andinus, con una revisión de los datos reproductivos del género. *El Hornero*, 39, (1), 119-124. DOI: https://doi.org/10.56178/eh.v39i1.1473.

æ**Marjanović, D.**; Maddin, H. C.; Olori, J. C.; Laurin, M. (2024). The new problem of Chinlestegophis and the origin of caecilians (Amphibia, Gymnophionomorpha) is highly sensitive to old problems of sampling and character construction. *Fossil record*, 27, (1), 55-94. DOI: https://doi.org/10.3897/fr.27.e109555.

Massad, T. J.; Abrão, O. J.; António, H.; Chechene, A.; Tenente, B. S. C.; André, A.; Mundoza, D. F.; Stalmans, M. E.; Gaynor, K. M.; Mandlate, L. J. C.; **Rödel, M.**; Naskrecki, P. (2024). Ecosystem-wide responses to fire and large mammal herbivores in an African savanna. *Biotropica*, 56, (4). DOI: https://doi.org/10.1111/btp.13338.

æMathes, G. H.; Reddin, C. J.; Kiessling, W.; Antell, G. S.; Saupe, E. E.; Steinbauer, M. J. (2024). Spatially Heterogeneous Responses of Planktonic Foraminiferal Assemblages Over 700,000 Years of Climate Change. *Global Ecology and Biogeography*, 33, (11), e13905. DOI: https://doi.org/10.1111/geb.13905.

Mazzoni, V.; Anfora, G.; Cocroft, R. B.; Fatouros, N. E.; Groot, A. T.; Gross, J.; Hill, P. S.; **Hoch, H.**; Ioriatti, C.; Nieri, R.; Pekas, A.; Stacconi, M. V. R.; Stelinski, L. L.; Takanashi, T.; Virant-Doberlet, M.; Wessel, A. (2024). Bridging biotremology and chemical ecology: a new terminology. *Trends in Plant Science*, 29, (8), 848-855. DOI: https://doi.org/10.1016/j.tplants.2024.04.002.

æMcKibbin, S.J.; Hecht, L.; Makarona, C.; Huber, M.; Terryn, H.; Claeys, P. (2024). Forsteritic olivine in EH (enstatite) chondrite meteorites: A record of nebular, metamorphic, and crystal-lattice diffusion effects. *Meteorit Planet Sci*, 59, (6), 1277-1296. DOI: https://doi.org/10.1111/maps.14147.

æ**Meier, R.**; **Hartop, E.**; Pylatiuk, C.; **Srivathsan, A.** (2024). Towards holistic insect monitoring: species discovery, description, identification and traits for all insects. *Philosophical Transactions of the Royal Society B*, 379, (1904), 20230120. DOI: https://doi.org/10.1098/rstb.2023.0120.

æ**Meier, R.**; Lawniczak, M. K.; **Srivathsan, A.** (2024). Illuminating Entomological Dark Matter with DNA Barcodes in an Era of Insect Decline, Deep Learning, and Genomics. *Annual Review of Entomology*, 70, 185-204. DOI: https://doi.org/10.1146/annurev-ento-040124-014001.

**Mey, W.** (2024). First fossil record of the primitive family Acanthopteroctetidae from Myanmar amber (Lepidoptera, Glossata). *Palaeoentomology*, 7, (4), 457-460. DOI: https://doi.org/10.11646/palaeoentomology.7.4.2.

æ**Mey, W.** (2024). ﻿Preheterobathmia gen. nov. – a new non-glossatan taxon from Myanmar amber tentatively assigned to Heterobathmiidae (Insecta, Lepidoptera). *Nota Lepidopterologica*, 47, 1-10. DOI: https://doi.org/10.3897/nl.47.111080.

Miao, L.; Liu, X.; Brayard, A.; **Korn, D.**; Dai, X.; Song, H. (2024). Morphological complexity promotes origination and extinction rates in ammonoids. *Current Biology*, 34, (23), 5587-5594. DOI: https://doi.org/10.1016/j.cub.2024.10.014.

æMichalik, T.; Maturilli, A.; Cloutis, E. A.; Stephan, K.; Milke, Ralf; Matz, K.-D.; Jaumann, Ralf; Hecht, L.; Hiesinger, H.; Otto, K. A. (2024). Laboratory VIS–NIR reflectance measurements of heated Vesta regolith analogs: Unraveling the spectral properties of the pitted impact deposits on Vesta. *Meteoritics & Planetary Science*, 59, (6), 1421-1454. DOI: https://doi.org/10.1111/maps.14156.

æ**Moormann, A.**; Beniermann, A.; Roemer, L.; Belzen, A. U. Z.; Ziegler, M. (2024). Trajectories of students’ momentary interest in evolution during a museum guided tour. *Science Education*, 46, 1-21. DOI: https://doi.org/10.1080/09500693.2024.2423411.

Moreau, J.; Jõeleht, A.; Stojic, A. N.; **Hamann, C.**; **Kaufmann, F. E. D.**; Somelar, P.; Plado, J.; Hietala, S.; Kohout, T. (2024). Experimentally induced troilite melt pervasion in chondritic analog materials: A study for FeNi-FeS darkening in chondrites. *Meteoritics & Planetary Science*, 59, (12), 3229-3249. DOI: https://doi.org/10.1111/maps.14274.

æMüller, S.; **Jahn, O.**; Jung, K.; Mitesser, O.; Ammer, C.; Böhm, S.; Ehbrecht, M.; Farina, A.; Renner, S. C.; Pieretti, N.; Schall, P.; Tschapka, M.; Wells, K.; Scherer-Lorenzen, M. (2024). Temporal dynamics of acoustic  
diversity in managed forests. *Frontiers in Ecology and Evolution*, 12. DOI: https://doi.org/10.3389/fevo.2024.1392882.

æNdongo, P. A. M.; Clark, P. F.; **Von Rintelen, T.**; Cumberlidge, N. (2024). Four New Sudanonautes Species of Freshwater Crabs (Crustacea: Decapoda: Potamonautidae) from Cameroon, Central Africa. *Diversity*, 16, (6), 345. DOI: https://doi.org/10.3390/d16060345.

Ndongo, P. A. M.; Clark, P. F.; **Von Rintelen, T.**; Cumberlidge, N. (2024). Validation of four species of Sudanonautes (Decapoda: Potamonautidae), from Cameroon, Central Africa. *Zootaxa*, 5492, (1), 140-144. DOI: https://doi.org/10.11646/zootaxa.5492.1.9.

æ**Ndongo, P. A. M.**; **Von Rintelen, T.**; Clark, P. F.; Cumberlidge, N. (2024). Morphological and molecular evidence support four new Liberonautes Bott, 1955 (Decapoda, Potamonautidae, Liberonautinae) species of freshwater crabs from Sierra Leone, West Africa. *Crustaceana*, 97, (5-9), 709-731. DOI: https://doi.org/10.1163/15685403-bja10410.

æNeumann, A. E.; Conitz, F.; **Karlebowski, S.**; **Sturm, U.**; Schmack, J. M.; Egerer, M. (2024). Flower richness is key to pollinator abundance: The role of garden features in cities. *Basic and Applied Ecology*, 79, 102-113. DOI: https://doi.org/10.1016/j.baae.2024.06.004.

æNečas, T.; Kielgast, J.; Chinemerem, I. G.; **Rödel, M.**; Dolinay, M.; Gvoždík, V. (2024). The phylogenetic position of Hyperolius sankuruensis (Anura: Hyperoliidae) reveals biogeographical affinity between the central Congo and West Africa, and illuminates the taxonomy of Hyperolius concolor. *Zoological Journal of the Linnean Society*, 202, (4). DOI: https://doi.org/10.1093/zoolinnean/zlae046.

Nečas, T.; Mazuch, T.; Czurda, J.; Elmi, H. S. A.; **Rödel, M.**; Gvoždík, V. (2024). Evolutionary relationships in the African frog family Ptychadenidae, including the first molecular analysis, range extension, and distribution modelling of the monotypic genus Lanzarana. *African Journal of Herpetology*, 73, (2), 236-260. DOI: https://doi.org/10.1080/21564574.2024.2404860.

Norrbom, A. L.; Moore, M. R.; Paynter, Q.; McGrath, Z.; Probst, C. M.; **Korneyev, V. A.**; Wiegmann, B. M.; Cassel, B.; Rodriguez, E. J.; Steck, G. J.; Sutton, B. D.; Branham, M. A.; Ruiz-Arce, R. (2024). Color Morphs in Anastrepha nigrotaenia (Enderlein), New Combination (Diptera: Tephritidae) and Resultant Synonymy. *Proceedings of the Entomological Society of Washington*, 126, (1), 21-55. DOI: https://doi.org/10.4289/0013-8797.126.1.21.

Novaga, R.; Bellucci, D.; Geiger, M. F.; **Freyhof, J.** (2024). Cobitis feroniae, a new spined loach from southern Latium, Italy (Teleostei: Cobitidae). *Zootaxa*, 5458, (3), 385-402. DOI: https://doi.org/10.11646/zootaxa.5458.3.4.

æOeser, J.; Zurell, D.; **Mayer, F.**; **Çoraman, E.**; Toshkova, N.; Deleva, S.; Natradze, I.; Benda, P.; Ghazaryan, A.; Irmak, S.; Hasanov, N.; Guliyeva, G.; Gritsina, M.; Kuemmerle, T. (2024). The best of two worlds: Using stacked generalization for integrating expert range maps in species distribution models. *Global Ecology and Biogeography*. DOI: https://doi.org/10.1111/geb.13911.

æOláh, J.; Johanson, K. A.; **Mey, W.**; Salokannel, J.; Vinçon, G. (2024). Revision of the colourful genus Parasetodes McLachlan, 1880 (Trichoptera, Leptoceridae). *Opuscula Zoologica*, 55, 1-45. DOI: https://doi.org/10.18348/opzool.2024.1.1.

Ormö, J.; Raducan, S. D.; Housen, K. R.; **Wünnemann, K.**; Collins, G. S.; Rossi, A. P.; Melero‐Asensio, I. (2024). Effect of Target Layering in Gravity‐Dominated Cratering in Nature, Experiments, and Numerical Simulations. *Journal of Geophysical Research Planets*, 129, (5). DOI: https://doi.org/10.1029/2023je008110.

Paiva, C. L.; Hipsley, C. A.; **Müller, J.**; Zaher, H.; Costa, H. C. (2024). Comparative skull osteology of Amphisbaena arda and Amphisbaena vermicularis (Squamata: Amphisbaenidae). *Journal of Morphology*, 285, (5), e21702. DOI: https://doi.org/10.1002/jmor.21702.

Pavón-Vázquez, C. J.; Rana, Q.; Farleigh, K.; Crispo, E.; Zeng, M.; Liliah, J.; **Mulcahy, D.**; Ascanio, A.; Jezkova, T.; Leaché, A. D.; Flouri, T.; Yang, Z.; Blair, C. (2024). Gene Flow and isolation in the arid Nearctic revealed by genomic analyses of Desert Spiny Lizards. *Systematic Biology*, 73, (2), 323-342. DOI: https://doi.org/10.1093/sysbio/syae001.

Peñalba, Joshua V; Runemark, Anna; Meier, Joana I; Singh, Pooja; Wogan, Guinevere OU; Sánchez-Guillén, Rosa; Mallet, James; Rometsch, Sina J; Menon, Mitra; Seehausen, Ole. (2024). The Role of Hybridization in Species Formation and Persistence. *Cold Spring Harbor Perspectives in Biology*, 16, (12), a041445. DOI: https://doi.org/10.1101/cshperspect.a041445.

æPlön, S.; Andra, K.; Auditore, L.; Gegout, C.; Hale, P. J.; **Hampe, O.**; Ramilo-Henry, M.; Burkhardt-Holm, P.; Jaigirdar, A. M.; Klein, L.; Maewashe, M. K.; Müssig, J.; Ramsarup, N.; Roussouw, N.; Sabin, R.; Shongwe, T. C.; Tuddenham, P. (2024). Marine mammals as indicators of Anthropocene Ocean Health. *npj Biodiversity*, 3, 24. DOI: https://doi.org/10.1038/s44185-024-00055-5.

Poelchau, M. H.; Winkler, R.; Kenkmann, T.; Wirth, R.; **Luther, R.**; Schäfer, F. (2024). Extreme twin densities in calcite—A shock indicator. *Geology*. DOI: https://doi.org/10.1130/g52795.1.

æ**Ponstein, J.**; Hermanson, G.; **Jansen, M. W.**; **Renaudie, J.**; **Fröbisch, J.**; Evers, S. W. (2024). Functional and Character Disparity Are Decoupled in Turtle Mandibles. *Ecology and Evolution*, 14, (11). DOI: https://doi.org/10.1002/ece3.70557.

æ**Ponstein, J.**; **MacDougall, M. J.**; **Fröbisch, J.** (2024). A comprehensive phylogeny and revised taxonomy of Diadectomorpha with a discussion on the origin of tetrapod herbivory. *Royal Society Open Science*, 11, (6). DOI: https://doi.org/10.1098/rsos.231566.

æ**Prino, A.**; **Witzmann, F.**; Schwermann, A.; Garbay, L.; Sander, P.; Konietzko-Meier, D. (2024). How not to disappear completely: new Stereospondyli fossils from the Rhaetian, Upper Triassic of Bonenburg, North Rhine-Westphalia and their implications for the Late Triassic extinction of Stereospondyli.. *Acta Palaeontologica Polonica*, 69, (4), 687-712. DOI: https://doi.org/10.4202/app.01147.2024.

æ**Pusch, L. C.**; Kammerer, C. F.; **Fröbisch, J.** (2024). The origin and evolution of Cynodontia (Synapsida, Therapsida): Reassessment of the phylogeny and systematics of the earliest members of this clade using 3D-imaging technologies. *The Anatomical Record*, 307, (4), 1634-1730. DOI: https://doi.org/10.1002/ar.25394.

Pádua, D. G.; Silva-Santos, I.; Santos, B. F.; Faustino-Magalhães, M. D.; Souza, M. N. A.; Kloss, T. G. (2024). The Darwin wasp Camera thoracica (Szpligeti, 1916)(Ichneumonidae) as a natural enemy of the dreaded Brazilian wandering spider Phoneutria nigriventer (Keyserling, 1891)(Ctenidae).. *Zootaxa*, 5403, (4), 459-468. DOI: https://doi.org/10.11646/zootaxa.5403.4.4.

æRaducan, S. D.; Jutzi, M.; Cheng, A. F.; Zhang, Y.; Barnouin, O.; Collins, G. S.; Daly, R. T.; Davison, T. M.; Ernst, C. M.; Farnham, T. L.; Ferrari, F.; Hirabayashi, M.; Kumamoto, K. M.; Michel, P.; Murdoch, N.; Nakano, R.; Pajola, M.; Rossi, A.; Agrusa, H. F.; Barbee, B. W.; Syal, M. Bruc, Chabot, N. L.; Dotto, E.; Fahnestock, E. G.; Hasselmann, P. H.; Herreros, I.; Ivanovski, S.; Li, J. -Y.; Lucchetti, A.; **Luther, R.**; Ormö, J.; Owen, M.; Pravec, P.; Rivkin, A. S.; Robin, C. Q.; Sánchez, P.; Tusberti, F.; Wünnemann, K.; Zinzi, A.; Epifani, E. Mazzotta, Manzoni, C.; May, B. H. (2024). Physical properties of asteroid Dimorphos as derived from the DART impact. *Nature Astronamy*, 8, (4), 445-455. DOI: https://doi.org/10.1038/s41550-024-02200-3.

**Ramm, T.**; Gray, J. A.; Hipsley, C. A.; Hocknull, S.; Melville, J.; **Müller, J.** (2024). Are Modern Cryptic Species Detectable in the Fossil Record? A Case Study on Agamid Lizards. *Systematic Biology*. DOI: https://doi.org/10.1093/sysbio/syae067.

Ramos-Pastrana, Yardany; Córdoba-Suarez, Eric; Riccardi, Paula Raile. (2024). Three new species of Apotropina Hendel, 1907 (Diptera: Chloropidae) of the Colombian Andean-Amazon cloud forest. *Zootaxa*, 5512, (3), 435-444. DOI: https://doi.org/10.11646/zootaxa.5512.3.7.

**Riccardi, P. R.** (2024). Two new species of grass flies (Diptera, Chloropidae) from Sweden. *Journal of Insect Biodiversity and Systematics*, 48, (1), 29-33. DOI: https://doi.org/10.12976/jib/2024.48.1.4.

**Riccardi, P. R.**; Ang, Y. (2024). New species and new records of Chloropinae from Singapore (Diptera: Chloropidae). *Zootaxa*, 5458, (1), 83-92. DOI: https://doi.org/10.11646/zootaxa.5458.1.4.

æ**Riccardi, P. R.**; **Hartop, E.** (2024). Large‐scale integrative taxonomy of Swedish grass flies (Diptera, Chloropidae) reveals hitherto unknown complexity of a dark taxon. *Zoologica Scripta*, 53, (5), 614-631. DOI: https://doi.org/10.1111/zsc.12663.

æ**Riccardi, P. R.**; De Souza Amorim, D.; Araújo, R. D. S.; Martins, G. F. (2024). Comparative morphology and function of Chloropidae (Diptera) tibial organ. *Zoomorphology*, 143, 99-106. DOI: https://doi.org/10.1007/s00435-023-00630-7.

**Riccardi, P. R.**; Silva, K. P.; Santos, J. R. D.; De Mello-Patiu, C. A. (2024). Phylogeny and classification of Lepidodexia Brauer & Bergenstamm (Diptera: Sarcophagidae). *Zoologischer Anzeiger*, 311, 101-109. DOI: https://doi.org/10.1016/j.jcz.2024.06.006.

Rodrigues, M. V.; De Carvalho-E-Silva, S. P.; **Rödel, M.**; De Mello Bezerra, A. (2024). Exploring the relationship between environment and brain morphology in anurans: a comparative phylogenetic approach. *Zoological Journal of the Linnean Society*. DOI: https://doi.org/10.1093/zoolinnean/zlae025.

æRoycroft, E.; Ford, F.; **Ramm, T.**; Schembri, R.; Breed, W. G.; Burns, P. A.; Rowe, K. C.; Moritz, C. (2024). Speciation across biomes: Rapid diversification with reproductive isolation in the Australian delicate mice. *Molecular Ecology*, 33, (7), e17301. DOI: https://doi.org/10.1111/mec.17301.

Roza, A. S.; **Hansen, A. K.**; Ferreira, V. S. (2024). Redescription of Adendrocera Wittmer, 1976 (Coleoptera: Phengodidae: Penicillophorinae) with Description of a Second Species of the Genus from Guatemala. *The Coleopterists Bulletin*, 78, (2), 155-164. DOI: https://doi.org/10.1649/0010-065x-78.2.155.

æRössner, G. E.; **Hampe, O.** (2024). Terrestrial artiodactyl remains from the whale horizon at Groß Pampau (ancient North Sea basin, North Germany; Serravallian-Tortonian boundary, Middle-Late Miocene). *Fossil Imprint*, 80, (2), 424-434. DOI: https://doi.org/10.37520/fi.2024.030.

æSanchez, S.; De Ricqlès, A.; **Ponstein, J.**; Tafforeau, P.; Zylberberg, L. (2024). Microstructure and development of the dermal ossicles of Antarctopelta oliveroi (Dinosauria, Ankylosauria): A complex morphogenetic system deciphered through three‐dimensional X‐ray microtomography. *Journal of Anatomy*. DOI: https://doi.org/10.1111/joa.14159.

æSantos, B. F.; Brady, S. G. (2024). Leveraging museum specimens, genomics and legacy datasets to unravel the phylogeny and biogeography of cryptin wasps (Hymenoptera, Ichneumonidae, Cryptini). *Zoologica Scripta*, 53, (3), 338-357. DOI: https://doi.org/10.1111/zsc.12639.

æSantos, B. F.; Colombo, W. D.; Murray, E. A.; Brady, S. G.; Azevedo, C. O. (2024). Insights from the first phylogenomic analysis of flat wasps (Hymenoptera, Bethylidae) reveal two new subfamilies. *Cladistics*, 40, (5), 510-525. DOI: https://doi.org/10.1111/cla.12594.

Santos, J. C. D. C. V.; Iuri, H. A.; **Hoch, H.**; Ferreira, R. L. (2024). The enigmatic Notolathrus sensitivus Remes Lenicov, 1992 (Hemiptera: Fulgoromorpha: Cixiidae): supplementary description and conservation status. *Zootaxa*, 5474, (4), 355-374. DOI: https://doi.org/10.11646/zootaxa.5474.4.2.

æ**Schabacker, T.**; Rizzi, S.; Teige, T.; Hoffmeister, U.; Voigt, C. C.; Snijders, L. (2024). Behavioral correlates of migration in bats – do migration strategies predict responses to a novel environment?. *Behavioral Ecology and Sociobiology*, 78, (68), 1-11. DOI: https://doi.org/10.1007/s00265-024-03483-2.

æSchaeffer, J.; Wolff, E.; **Witzmann, F.**; Ferreira, G. S.; Schoch, R. R.; Mujal, E. (2024). Paleobiological implications of chevron. *Plos One*, 19, (7), e0306819-e0306819. DOI: https://doi.org/10.1371/journal.pone.0306819.

æSchiffer, P. H.; Natsidis, P.; Leite, D. J.; Robertson, H. E.; Lapraz, F.; Marlétaz, F.; Fromm, B.; Baudry, L.; Simpson, F.; Høye, E.; Zakrzewski, A. C.; Kapli, P.; Hoff, K. J.; Müller, S.; Marbouty, M.; Marlow, H.; Copley, R. R.; Koszul, R.; Sarkies, P.; Telford, M. J. (2024). Insights into early animal evolution form the genome of the xenacoelomorph worm Xenoturbella bocki. *eLife*, 13, e94948. DOI: https://doi.org/10.7554/elife.94948.

**Schlüter, N.** (2024). One steps out of line—A “modern” Micraster species (Echinoidea, Spatangoida) with some old-fashioned look, Micraster ernsti sp. nov. from the Campanian (Cretaceous). *Zootaxa*, 5403, (1), 80-90. DOI: https://doi.org/10.11646/zootaxa.5403.1.5.

æSchmack, J. M.; Egerer, M.; **Karlebowski, S.**; Neumann, A. E.; **Sturm, U.** (2024). Overlooked and misunderstood: how urban community gardeners perceive social wasps and their ecosystem functions. *Journal of Insect Conservation*, 28, (2), 283-289. DOI: https://doi.org/10.1007/s10841-024-00548-5.

æ**Schmidtke, L.**; Van Emmerik, T. H. M.; Pinto, R. B.; Schreyers, L. J.; Schmidt, C.; Wendt-Potthoff, K.; **Kirschke, S.** (2024). Sustainable Implementation of Citizen-Based Plastic Monitoring of Fresh Waters in Western Africa. *Sustainability*, 16, (22), 10007-10007. DOI: https://doi.org/10.3390/su162210007.

æ**Schneider, T.**; Vierstraete, A.; Kosterin, O. E.; Ikemeyer, D.; Hu, F.; Novelo-Gutiérrez, R.; Kompier, T.; Everett, L.; Müller, O.; Dumont, H. J. (2024). Molecular Phylogeny of the Family Cordulegastridae (Odonata) Worldwide. *Insects*, 15, (8), 622-622. DOI: https://doi.org/10.3390/insects15080622.

æSchoch, R.R.; **Witzmann, F.** (2024). The evolution of larvae in temnospondyls. *Biological Reviews*, 99, (5), 1613-1637. DOI: https://doi.org/10.1111/brv.13084.

æScholze, F.; **Marchetti, L.** (2024). LOWER PERMIAN CONCHOSTRACANS (CLAM SHRIMPS) FROM SEDIMENTARY UNITS OF THE ATHESIAN VOLCANIC GROUP (SOUTHERN ALPS, N-ITALY). *Rivista Italiana di Paleontologia e Stratigrafia*, 130, (3), 507-523. DOI: https://doi.org/10.54103/2039-4942/21044.

æSchott, J.; Rakei, J.; Remus-Emsermann, M.; Johnston, P.; **Mbedi, S.**; Sparmann, S.; Hilker, M.; Voirol, L. R. P. (2024). Microbial associates of the elm leaf beetle: uncovering the absence of resident bacteria and the influence of fungi on insect performance. *Applied and Environmental Microbiology*, 90, (1). DOI: https://doi.org/10.1128/aem.01057-23.

Schweiger, S.; **Rödel, M.**; Hammel, J. U.; Müller, H. (2024). Don’t go with the flow: cranial adaptations of stream tadpoles in the Afrobatrachian family Arthroleptidae. *Zoological Journal of the Linnean Society*, 202, (2). DOI: https://doi.org/10.1093/zoolinnean/zlae114.

æ**Schäfer, M.**; Sydow, D.; **Schauer, M.**; Doumbia, J.; Schmitt, T.; **Rödel, M.** (2024). Species- and sex-specific chemical composition from an internal gland-like tissue of an African frog family. *Proceedings of the Royal Society B*, 291, (2014), 20231693. DOI: https://doi.org/10.1098/rspb.2023.1693.

æSchätti, B.; **Tillack, F.**; Stutz, A.; **Kucharzewski, C.** (2024). Three new cliff racer species from the Sultanate of Oman (Reptilia: Squamata: Colubrinae) and zoogeographic traits of its herpetofauna. *Revue suisse de Zoologie*, 131, (2), 451-486. DOI: https://doi.org/10.35929/rsz.0132.

æSegherloo, I. H.; Abdolahi-Mousavi, S. E.; Birgani, A. A.; Normandeau, E.; Hallerman, E.; Bernatchez, L.; **Freyhof, J.** (2024). Distribution and conservation of subterranean fishes of Iran: insights from a new locality. *Environmental Biology of Fishes*, 108, 161-170. DOI: https://doi.org/10.1007/s10641-024-01629-9.

Segniagbeto, G. H.; Ohler, A.; **Rödel, M.**; Luiselli, L.; Dubois, A. (2024). Amphibians of Togo: taxonomy, distribution and conservation status. *Zoosystema*, 46, (25). DOI: https://doi.org/10.5252/zoosystema2024v46a25.

æSelden, P. A. ; Dunlop, J. A. (2024). A remarkable spiny arachnid from the Pennsylvanian Mazon Creek Lagerstätte, Illinois.. *Journal of Paleontology*, 98, (3), 395-401. DOI: https://doi.org/10.1017/jpa.2024.13.

**Setyastuti, A.**; Solis-Marin, F. A.; **Lüter, C.** (2024). Sea cucumbers of the genus Labidodemas (Holothuroidea: Holothuriida: Holothuriidae) from Indonesia, with the description of a new species and a revised key to the genus. *Zootaxa*, 5506, (2), 227-244. DOI: https://doi.org/10.11646/zootaxa.5506.2.4.

Sherwood, D.; **Dunlop, J.**; Sharp, A. (2024). On the identity of Opopaea euphorbicola Strand, 1909 and first records of three other non-native goblin spiders from Ascension Island (Araneae: Oonopidae). *Zootaxa*, 5437, (1), 125-130. DOI: https://doi.org/10.11646/zootaxa.5437.1.9.

æSiciliano‐Martina, L.; McGuire, J. L.; Hurtado‐Materon, M. A.; Short, R. A.; Lauer, D. A.; Schap, J. A.; **Müller, J.**; Manthi, F. K.; Head, J. J.; Lawing, A. M. (2024). Ecometrics demonstrates that the functional dental traits of carnivoran communities are filtered by climate. *Ecology and Evolution*, 14, (10). DOI: https://doi.org/10.1002/ece3.70214.

æSokołowska, A.; Thomas, N.; **Wünnemann, K.** (2024). Effects of surface and subsurface water/ice on spatial distributions of impact crater ejecta on Mars. *Icarus*, 420, 116150. DOI: https://doi.org/10.1016/j.icarus.2024.116150.

æSong, Z.; O’Brien, L. B.; Malenovský, I.; **Deckert, J.**; Bartlett, C. R. (2024). ﻿Revision of the Neotropical genus Trigava O’Brien, 1999 (Hemiptera, Fulgoromorpha, Dictyopharidae, Nersiini), with descriptions of two new species from Peru and Brazil. *ZooKeys*, 1188, 27-45. DOI: https://doi.org/10.3897/zookeys.1188.89881.

æStelbrink, B.; Von Rintelen, T.; Marwoto, R. M.; Salzburger, W. (2024). Mitogenomes do not substantially improve phylogenetic resolution in a young non-model adaptive radiation of freshwater gastropods. *BMC Ecology and Evolution*, 24, (1). DOI: https://doi.org/10.1186/s12862-024-02235-0.

æStell, M.; Melnik, K.; Schlawis, C.; Fuchs, R.; Vences, M.; **Schäfer, M.**; **Rödel, M.**; Schulz, S. (2024). Batrachopolyenes: Volatile Norsteroids from Femoral Scent Glands of Frogs. *Angewandte Chemie*, e202417098. DOI: https://doi.org/10.1002/ange.202417098.

æ**Strauß, A.** (2024). Objects of Politics: The Appropriation of Earth Science Collections in Prussia during the Long Nineteenth Century. *Museum & Society*, 22, (02. Mrz). DOI: https://doi.org/10.29311/mas.v22i2-3.4595.

**Sumner-Rooney, L.** (2024). Critical junctions in evolution. *Science*, 383, (6686), 951-952. DOI: https://doi.org/10.1126/science.ado1700.

æSuárez, D.; Arribas, P.; **Srivathsan, A.**; **Meier, R.**; Emerson, B. C. (2024). Environmental heterogeneity, rather than stability, explains spider assemblage differences between ecosystems. *Ecography*. DOI: https://doi.org/10.1111/ecog.07454.

æSzczygielski, T.; **Marchetti, L.**; Dróżdż, D. (2024). Natural external plastron mold of the Triassic  
turtle Proterochersis: An unusual mode of  
preservation. *PLoS ONE*, 19, (3), e0299314. DOI: https://doi.org/10.1371/journal.pone.0299314.

æTabatabaei, S. N.; **Segherloo, I. H.**; Abdoli, A.; Afzali, S. F.; Normandeau, E.; Laporte, M.; Hallerman, E. M.; Bernatchez, L. (2024). eDNA metabarcoding as a means to track distributions of different fish species in a protected area. *Environmental DNA*, 6, (1). DOI: https://doi.org/10.1002/edn3.505.

æTada, T.; Kurosawa, K.; Tomioka, N.; Nagaya, T.; Isa, J.; **Hamann, C.**; Ono, H.; Niihara, T.; Okamoto, T.; Matsui, T. (2024). Detailed occurrence of feather features in quartz in experimentally shocked granite. *Jouurnal of Geophysical Research: Planets*, 129, (11), e2024JE008409. DOI: https://doi.org/10.1029/2024je008409.

æTan, W. C.; Vitalis, V.; Sikuim, J.; Rödder, D.; **Rödel, M.**; Asad, S. (2024). High freshwater turtle occupancy of streams within a sustainably managed tropical forest in Borneo. *The Journal of Wildlife Management*, 88, (7), e22633. DOI: https://doi.org/10.1002/jwmg.2263.

æTimm, L.; Rosskopf, S. P.; Werb, O.; Van Schaik, J.; **Schaer, J.** (2024). Europe-wide distribution and bat-host specific lineages in the malarial parasite Polychromophilus murinus revealed through genetic screening of bat flies. *Infection Genetics and Evolution*, 127, 105707. DOI: https://doi.org/10.1016/j.meegid.2024.105707.

æ**Turni, H.** (2024). Type specimens of Primates (Mammalia) in the collections of the Museum für Naturkunde Berlin. *Zootaxa*, 5543, (2), 151-194. DOI: https://doi.org/10.11646/zootaxa.5543.2.1.

Van Duong, T.; Van Vu, L.; Vu, H. T. T.; **Mulcahy, D.**; Bragin, A. M.; Poyarkov, N. A.; Jr & Grismer, L. L. (2024). Another new species of Cyrtodactylus Gray, 1927 (Squamata: Gekkonidae) of the angularis group from the karstic landscape of Phong Nha-Ke Bang National Park, central Vietnam. *Zootaxa*, 5471, (5), 555-571. DOI: https://doi.org/10.11646/zootaxa.5471.5.3.

Van Tussenbroek, I. A.; Knörnschild, M.; Nagy, M.; Cate, C. J. T.; Vernes, S. C. (2024). Morphological Diversity in the Brains of 12 Neotropical Bat Species. *Acta Chiropterologica*, 25, (2), 323-338. DOI: https://doi.org/10.3161/15081109acc2023.25.2.011.

æVasilita, C.; **Feng, V.**; **Hansen, A. K.**; **Hartop, E.**; **Srivathsan, A.**; **Struijk, R.**; **Meier, R.** (2024). Express barcoding with NextGenPCR and MinION for species‐level sorting of ecological samples. *Molecular Ecology Resources*. DOI: https://doi.org/10.1111/1755-0998.13922.

æVeith, J.; Chaigne, T.; Svanidze, A.; **Dressler, L. E.**; Hoffmann, M.; Gerhardt, B.; Judkewitz, B. (2024). The mechanism for directional hearing in fish. *Nature*, 631, (8019), 118-124. DOI: https://doi.org/10.1038/s41586-024-07507-9.

æVizueta, J, Hita Garcia, F, + 44 other coauthor. (2024). The Adaptive Radiation and Social Evolution of the Ants. *Cell*. DOI: https://doi.org/10.2139/ssrn.5055090.

æ**Von Mering, S.**; Cubey, R.; Endresen, D.; Hendriksen, A.; Leachman, S.; Mietchen, D.; Santos, J. (2024). Advancing Community Curation of Research Expeditions: A Collaborative Journey with Wikidata and Biodiversity Information Standards. *Biodiversity Information Science and Standards*, 8. DOI: https://doi.org/10.3897/biss.8.138921.

æ**Von Rintelen, K.**; Rumpf, C. M. A.; Wowor, D.; **Wessel, A.**; **Von Rintelen, T.** (2024). A phylogeographic approach to Sulawesi’s Maros karst shrimp fauna (Decapoda, Atyidae) reveals several cave invasions and challenges current taxonomic hypotheses. *Crustaceana*, 97, (5-9), 479-505. DOI: https://doi.org/10.1163/15685403-bja10383.

æWait, D. R.; **Peñalba, J. V.** (2024). Suture zones, speciation, and evolution. *Evolution*, 2024, qpae184. DOI: https://doi.org/10.1093/evolut/qpae184.

æWerb, O.; Matuschewski, K.; Weber, N.; Hillers, A.; Garteh, J.; Jusu, A.; Turay, B. S.; Wauquier, N.; Escalante, A. A.; Pacheco, M. A.; **Schaer, J.** (2024). New member of Plasmodium (Vinckeia) and Plasmodium cyclopsi discovered in bats in Sierra Leone – nuclear sequence and complete mitochondrial genome analyses. *International Journal for Parasitology*, 54, (10), 475-484. DOI: https://doi.org/10.1016/j.ijpara.2024.05.002.

æWerneburg, R.; **Witzmann, F.** (2024). The last eryopids: Clamorosaurus and Syndyodosuchus from the late Kungurian (Cisuralian, Permian) of Russia revisited. *Fossil Record*, 27, (3), 353-380. DOI: https://doi.org/10.3897/fr.27.e125460.

**Witzmann, F.**; Schoch, R. R. (2024). Osteology and phylogenetic position of Plagiosaurus depressus (Temnospondyli: Plagiosauridae) from the Late Triassic of Germany and the repeated loss of dermal bones in plagiosaurids. *Zoological Journal of the Linnean Society*, 202, (3), zlae014. DOI: https://doi.org/10.1093/zoolinnean/zlae014.

æ**Witzmann, F.**; Ruta, M.; **Fröbisch, N.**; **Paß, S.**; **Herrmann, E.** (2024). Editorial: 25 years of ‘Fossil Record, an International Journal of Palaeontology’. *Fossil Record*, 27, (3), 291-293. DOI: https://doi.org/10.3897/fr.27.e143987.

æWutke, S.; Blank, S. M.; Boevé, J.; Faircloth, B. C.; **Koch, F.**; Linnen, C. R.; Malm, T.; Niu, G.; Prous, M.; Schiff, N. M.; Schmidt, S.; Taeger, A.; Vilhelmsen, L.; Wahlberg, N.; Wei, M.; Nyman, T. (2024). Phylogenomics and biogeography of sawflies and woodwasps (Hymenoptera, Symphyta). *Molecular Phylogenetics and Evolution*, 199, 108144-108144. DOI: https://doi.org/10.1016/j.ympev.2024.108144.

æWührl, L.; Keller, L.; Klug, N.; Shirali, H.; **Meier, R.**; Pylatiuk, C. (2024). Automated handling of biological objects with a flexible gripper for biodiversity research. *at-Automatisierungstechnik*, 72, (7), 672-678. DOI: https://doi.org/10.1515/auto-2023-0238.

æWührl, L.; Rettenberger, L.; **Meier, R.**; **Hartop, E.**; **Graf, J.**; Pylatiuk, C. (2024). Entomoscope: An Open-Source Photomicroscope for Biodiversity Discovery. *IEEE Access*, 12, 11785-11794. DOI: https://doi.org/10.1109/access.2024.3355272.

Xiang, H. Q.; He, Y. M.; Zhang, L. J.; Gao, H.; Guo, L.; Lu, Y. Z.; Fan, S. Y.; Chen, H. (2024). A revision of Rhombuniopsis Haas, 1920 (Unionida, Unionidae) endemic to the ancient lakes of Yunnan, China, with descriptions of two new species. *Zootaxa*, 5481, (2), 273-289. DOI: https://doi.org/10.11646/zootaxa.5481.2.6.

æXiong, Y.; **Rozzi, R.**; Zhang, Y.; Fan, L.; Zhao, J.; Li, D.; Yao, Y.; Xiao, H.; Liu, J.; Zeng, X.; Xu, H.; Jiang, Y.; Lei, F. (2024). Convergent evolution toward a slow pace of life predisposes insular endotherms to anthropogenic extinctions. *Science Advances*, 10, (28). DOI: https://doi.org/10.1126/sciadv.adm8240.

æZhang, K.; Shields, G. A.; Zhou, Y.; Strauss, H.; **Struck, U.**; Jensen, S. (2024). The basal Cambrian carbon isotope excursion revealed in the Central Iberian Zone, Spain. *PRECAMBRIAN RESEARCH*, 411, 107526. DOI: https://doi.org/10.1016/j.precamres.2024.107526.

**Zhang, L.**; **Bernardes, S. C.**; Meng, K.; **Von Rintelen, T.** (2024). A new family of freshwater snails with Cretaceous origin from Yunnan, China. *Zoological Journal of the Linnean Society*, 202, (1). DOI: https://doi.org/10.1093/zoolinnean/zlae117.

æ**Zhang, L.**; Shi, Z.; Chen, Z.; **Von Rintelen, T.**; Zhang, W.; Lou, Z. (2024). Rediscovery and systematics of the enigmatic genus Helicostoareveals a new species of sessile freshwater snail with remarkable sexual dimorphism. *Proceedings of the Royal Society B*, 291, (2014). DOI: https://doi.org/10.1098/rspb.2023.1557.

æŠlechtová, V.; Dvořák, T.; **Freyhof, J.**; Kottelat, M.; Levin, B.; Golubtsov, A.; Šlechta, V.; Bohlen, J. (2024). Reconstructing the phylogeny and evolutionary history of freshwater fishes (Nemacheilidae) across Eurasia since early Eocene. *bioRxiv*. DOI: https://doi.org/10.1101/2024.07.05.602185.

# Wissenschaftliche Artikel in anderen Fachzeitschriften

# Scientific articles in other journals

æ**Blom, M. P.**; Peona, V.; Prost, S.; Christidis, L.; Benz, B. W.; Jønsson, K. A.; Suh, A.; Irestedt, M. (2024). Hybridiszation in Birds-of-Paradise: Widespread ancestral gene flow despite strong sexual selection in a lek-mating system. *iScience*, 27, (7), 110300. DOI: https://doi.org/10.1016/j.isci.2024.110300.

æ**Bofill, S. I. H.**; **Blom, M. P. K.** (2024). Climate change from an ectotherm perspective: evolutionary consequences and demographic change in amphibian and reptilian populations. *Biodiversity and Conservation*, 33, (3), 905-927. DOI: https://doi.org/10.1007/s10531-023-02772-y.

æBohn, F. J.; Bastos, A.; Martin, R.; Rammig, A.; Koh, N. S.; Sioen, G. B.; Buscher, B.; Carver, L.; DeClerck, F.; Drupp, M.; Fletcher, R.; Forrest, M.; Gasparatos, A.; Godoy-Faúndez, A.; **Hagedorn, G.**; Hänsel, M.; Hetzer, J.; Hickler, T.; Krug, C. B.; (. . . ),Yoshida, Y. (2024). Reviews and syntheses: Current perspectives on biosphere research–2024. *EGUsphere*, 2551. DOI: https://doi.org/10.5194/egusphere-2024-2551.

æBrydegaard, M.; **Pedales, R. D.**; Feng, V.; Yamoa, A. S.; Kouakou, B.; Månefjord, H.; Wührl, L.; Pylatiuk, C.; De Souza Amorim, D.; Meier,. (2024). Towards global insect biomonitoring with frugal methods. *Philosophical Transactions of the Royal Society B*, 379, (1904), 20230103. DOI: https://doi.org/10.1098/rstb.2023.0103.

Burckhardt, D.; Drohojowska, J.; **Serbina, L. Š.**; Malenovský, I. (2024). First record of jumping plant lice of the family Liviidae (Hemiptera, Sternorrhyncha, Psylloidea) from Dominican amber. *Neues Jahrbuch für Geologie und Paläontologie-Abhandlungen*, 311, (2), 215-227. DOI: https://doi.org/10.1127/njgpa/2024/1195.

Burckhardt, D.; **Serbina, L. Š.**; Malenovský, I. (2024). Lilaoshia, replacement name for Liella Burckhardt, Serbina and Malenovský, 2023 (Insecta, Hemiptera, Liviidae) nec Cui and Huo, in Huo and Shu, 1985 (Crustacea, Bradoriida, Alutidae). *Zootaxa*, 5497, (2), 299-300. DOI: https://doi.org/10.11646/zootaxa.5497.2.10.

**Bölling, C.**; **Belot, M.**; **Schuster, F.**; Gebauer, A.; Kissling-Brenner, U.; Reinke, T. (2024). Vom Sammlungsobjekt zum Datenobjekt für den Umweltschutz. *Museumskunde Bd. 89, Heft 1+2*, 89, (1&2), 38-43

**Díaz, V. D.** (2024). Ankylosaurus magniventris. *Nature Ecology & Evolution*, 8, (5), 1048-1048. DOI: https://doi.org/10.1038/s41559-024-02395-8.

æ**Faysal, B.** (2024). A Rhino from Lake Baikal. *Peer Community in Paleontology*, 100182. DOI: https://doi.org/10.24072/pci.paleo.100182.

æFerschinger, L.; Heinrich, G.; Höfer, R.; Lorenz, J.; Mühlenbein, F.; Soßdorf, A. (2024). Gemeinsam. Lokal. Forschen. Einblicke, Tipps und Praxisbeispiele aus dem Wettbewerb: Auf die Plätze! Citizen Science in deiner Stadt.. *Zenodo*. DOI: https://doi.org/10.5281/zenodo.13645350.

**Frisch, J.** (2024). Die Käferfauna des NSG Haimberg bei Mittelrode und angrenzender Flächen (Insecta: coleoptera) Addenda et corrigenda 4. Erweiterung des Untersuchungsgebiets, Neu- und Wiederfunde für die Hessenfauna und aktuelle Gesamtartenliste.. *Beiträge zur Naturkunde in Osthessen 61:33-110*, 61. https://www.imhof-verlag.de/produkt/beitraege-zur-naturkunde-in-osthessen-band-61/.

**Frisch, J.** (2024). Onthophagus semicornis (PANZER, 1798) (coleoptera, Scarabaeidae) erstmals in Osthessen. *Beiträge zur Naturkunde in Osthessen*, 61, 114-117

**Hampe, O.** (2024). Book review. Sea Mammals: The Past and Present Lives of Our Oceans’ Cornerstone Species By Annalisa Berta, Princeton University Press. 2023. 224 pp. ISBN 978-0-691-23664-3, US$29.95 (Hardcover); ISBN 978-0-691-24338-2, US$20.97 (eBook). *Marine Mammal Science*, 40, (1), 319-321. DOI: https://doi.org/10.1111/mms.13102.

æHuang, Si-Yao; Inayoshi, Yutaka; Léger, Théo; Espelande, Marianne. (2024). The riodinid taxa described by Rudolf Emil Mell (Lepidoptera, Papilionoidea, Riodinidae), with notes on related ones. *Zootaxa*, 5481, (5), 591-599. DOI: https://doi.org/10.11646/zootaxa.5481.5.8.

æ**Kaiser, K.**; **Madruga, C.** (2024). Tagging Objects from Colonial Contexts. A Decision Tree for Natural History Collections. *Working Paper Deutsches Zentrum Kulturgutverluste*, 2024, (7). DOI: https://doi.org/10.25360/01-2024-00005.

æKirchner, M.; Sorenson, C.; **Blaimer, B. B.**; Youngsteadt, E. (2024). Reaching new heights: Arboreal ant diversity in a North American temperate forest ecosystem. *Insect Conservation and Diversity*, 18, (1), 95-106. DOI: https://doi.org/10.1111/icad.12788.

æ**Lasseck, M.** (2024). Improving Bird Recognition using Pseudo-Labeled Recordings from the Target Location. *Working Notes of the Conference and Labs of the Evaluation Forum (CLEF 2024)*

æ**Léger, T.** (2024). Half of the Diversity Undescribed: Integrative Taxonomy Reveals 32 New Species and a High Cryptic Diversity in the Scopariinae and Crambinae of the Philippines (Lepidoptera: Crambidae). *Bulletin of the Society of Systematic Biologists*, 3, (2). DOI: https://doi.org/10.18061/bssb.v3i2.9527.

æ**MacDougall, M. J.**; **Jannel, A.**; **Fröbisch, N. B.**; **Fröbisch, J.** (2024). Author Correction: A new recumbirostran ‘microsaur’ from the lower Permian Bromacker locality, Thuringia, Germany, and its fossorial adaptations. *Scientific Reports*, 14, (1). DOI: https://doi.org/10.1038/s41598-024-59039-x.

**Mey, W.**; Hoffeins, C. (2024). In memory of Wilfried Wichard (1944–2024). *Palaeoentomology*, 7, (3), 325-337. DOI: https://doi.org/10.11646/palaeoentomology.7.3.1.

**Miklashevsky, A.**; Reifegerste, J.; García, A. M.; Pulvermüller, F.; Balota, D. A.; Veríssimo, J.; Ullman, M. T. (2024). Embodied cognition comes of age: A processing advantage for action words is modulated by aging and the task. *Journal of Experimental Psychology: General*, 153, (7), 1725-1764. DOI: https://doi.org/10.1037/xge0001555.

æ**Müller, I. A.**; **Thörn, F.**; **Blom, M. P. K.** (2024). Species-specific dynamics may cause deviations from general biogeographical predictions – evidence from a population genomics study of a New Guinean endemic passerine bird family (Melampittidae). *Plos ONE*, 19, (5), e0293715-e0293715. DOI: https://doi.org/10.1371/journal.pone.0293715.

Nadim, T.; Vennen, M.; **Heumann, I.**; Bertoni, F. (2024). Logistical Natures: Trade, Traffics, and Transformations in Natural History Collecting. *Historical Studies in the Natural Sciences*, 54, (2), 125-134. DOI: https://doi.org/10.1525/hsns.2024.54.2.125.

Piórkowska, K.; Jankowiak, Ł.; Modelska, Z.; **Hoffmann, A.**; Kuzdrowska, K.; Malinowska, B.; Sęk, O.; Rychlik, L. (2024). How Quickly Do Invasive Raccoons Learn to Steal Bait? Lesson from Disturbed Small Mammal Trapping.. *Polish Journal of Ecology*, 71, (2-3), 95-99. DOI: https://doi.org/10.3161/15052249pje2023.71.2.005.

æPramatarova, Monika; Burckhardt, Daniel; Malenovský, Igor; Gjonov, Ilia; Schuler, Hannes; Štarhová Serbina, Liliy. (2024). Unravelling the Molecular Identity of Bulgarian Jumping Plant Lice of the Family Aphalaridae (Hemiptera: Psylloidea). *Insects*, 15, (9), 683-683. DOI: https://doi.org/10.3390/insects15090683.

æ**Rödel, M.**; **Bock, S.**; **Ernst, M.**; Griesbaum, F.; Lindner, T.; Tartara, A.; Penner, J.; Neira-Salamea, K. (2024). Reproduction, development and morphological plasticity in the direct-developing frog Pristimantis rosadoi. *Salamandra – German Journal of Herpetology*, 60, (1), 42-50

Souza, J. P. A.; Jorge, I. R.; Santos, A. T. D.; Figueiredo, L.; **Rosa, B. B.**; Paladini, A.; Zarbin, P. H. G. (2024). A Comprehensive Survey of Stink Bug Pheromones ‐ Extraction, Identification, Synthesis, Biosynthesis, and Phylogenetic Insights. *The Chemical Record*. DOI: https://doi.org/10.1002/tcr.202400140.

æThörn, F.; Soares, A. E. R.; Müller, I. A.; Päckert, M.; **Frahnert, S.**; Van Grouw, H.; Kamminga, P.; Peona, V.; Suh, A.; Blom, M. P. K.; Irestedt, M. (2024). Contemporary intergeneric hybridization and backcrossing among birds-of-paradise . *Evolution Letters*, 8, (5), 680-694. DOI: https://doi.org/10.1093/evlett/qrae023.

**Uhlig, M.** (2024). New species of Erichsonius Fauvel, 1874 from Afrotropical Continental Africa 1 (Coleoptera: Staphylinidae, Staphylininae). *Entomologische Blätter und Coleoptera*, 119, 243-255

**Uhlig, M.**; Uhlig, B. (2024). New rove beetle species of the genus Erichsonius (Coleoptera, Staphylinidae, Staphylininae) of Ethiopia, Sri Lanka and India (Assam).. *Entomologische Nachrichten und Berichte, Supplement*, 68, (2), 335-353

**Uhlig, M.**; Uhlig, B. (2024). New species of Erichsonius Fauvel, 1874 from Afrotropical Continental Africa 2 (Coleoptera: Staphylinidae, Staphylininae).. *Entomologische Blätter und Coleoptera*, 119, 256-275

**Uhlig, M.**; Uhlig, B. (2024). New species of Erichsonius Fauvel, 1874 of Madagascar 1 (Coleoptera: Staphylinidae, Staphylininae).. *Entomologische Blätter und Coleoptera*, 119, 213-242

**Uhlig, M.**; Herger, P.; Schülke,, M.; Vogel, J. (2024). Staphyliniden (Coleoptera:) aus Lichtfallenfängen von 16 Standorten im Tessin.. *Entomo Helvetica*, 17

æ**Vasilyeva, Z.** (2024). A Review of Francisco Martínez, Ethnographic Experiments with Artists, Designers and Boundary Objects: Exhibitions as a Research Method. London: UCL Press, 2021, 202 pp. *Antropologicheskij Forum*, 63, 238-248. DOI: https://doi.org/10.31250/1815-8870-2024-20-63-238-248.

æ**Vogel, J.** (2024). Editorial: Welcoming address of the Director General. *Fossil Record*, 27, (3), 289-289. DOI: https://doi.org/10.3897/fr.27.e142092.

æVon Ahn, C. M. E.; Dellwig, O.; Szymczycha, B.; Kotwicki, L.; Rooze, J.; Endler, R.; Escher, P.; Schmiedinger, I.; Sültenfuß, J.; Diak, M.; Gehre, M.; **Struck, U.**; Vogler, S.; Böttcher, M. E. (2024). Submarine groundwater discharge into a semi-enclosed coastal bay of the southern Baltic Sea: A multi-method approach. *Oceanologia*, 66, (1), 111-138. DOI: https://doi.org/10.1016/j.oceano.2024.01.001.

æ**Von Mering, S.**; **Stolze, E.**; **Kaiser, K.**; **Petersen, M.** (2024). Sharing data, caring for collections. Open data on collection agents affiliated with the Museum für Naturkunde Berlin. *Research Ideas and Outcomes*, 10, e118851. DOI: https://doi.org/10.3897/rio.10.e118851.

æouladeh-Roudbar, A.; Kaya, C.; Vatandoust, S.; Ghanavi, H. R. (2024). Author Correction: New insights into the phylogeny of Carasobarbus Karaman, 1971 (Actinopterygii, Cyprinidae) with the description of three new species. *Scientific Reports*, 14, (1), 24458 (2024). DOI: https://doi.org/10.1038/s41598-024-75851-x.

# Populärwissenschaftliche Monografien

# Popular scientific monographs

(Ed.). (2024). Heimische Insekten ganz nah. . Wiebelsheim:Quelle & Meyer Verlag

# Sammelwerke – Herausgeberschaft

# Edited books – Editorship of edited volumes

Strauß, Angela; Schmitt, Ralf Thomas (Ed.). (2024). . Laborberichte. 12, Ilmtal-Weinstraße : VDG:VDG

Bernhard Stribrny; Dieter Korn; Peter Königshof; Jochen Erbacher; Martin Blumenberg (Ed.). (2024). Die Kupfererzlagerstätte Marsberg. Geologisches Jahrbuch Reihe A. Band A 166, Stuttgard:Schweizerbart'sche, E.

æ Mareike Vennen  
, Holger Stoecker  
, und Ina Heumann (Ed.). (2024). Deconstructing Dinosaurs. The History of the German Tendaguru Exhibition and Its Finds, 1906-2023. . :Brill. DOI: https://doi.org/10.1163/9789004691063.

# Sammelbandbeiträge

# Individual contributions to edited volumes

Strauß, A. , Schmitt, R. T. (2024). Vom Steinbruch ins Atelier - Die Mineralogische Sammlung im Museum für Naturkunde Berlin. In: Strauß, Angela; Schmitt, Ralf Thomas (Ed.), , 1-138 Laborberichte. 12, Ilmtal-Weinstraße : VDG:VDG

Stribrny B.; Korn D.; Königshof P.; Erbacher J.; Blumenberg M. (2024). Die Kupfererzlagerstätte Marsberg. In: Bernhard Stribrny; Dieter Korn; Peter Königshof; Jochen Erbacher; Martin Blumenberg (Ed.), *Die Kupfererzlagerstätte Marsberg*, 1-85 Geologisches Jahrbuch Reihe A. Band A 166, Stuttgard:Schweizerbart'sche, E.

æTamborini, M.; Ohl, M.; Sadock, M.; Mapunda, B.; Vennen, M.; Stoecker, H.; **Heumann, I.** (2024). Deconstructing Dinosaurs. The History of the German Tendaguru Exhibition and Its Finds, 1906-2023. In: Mareike Vennen  
, Holger Stoecker  
, und Ina Heumann (Ed.), *Deconstructing Dinosaurs. The History of the German Tendaguru Exhibition and Its Finds, 1906-2023* . :Brill. DOI: https://doi.org/10.1163/9789004691063.

# Positionspapiere

# Position papers

æ**Kiprijanov, K. S.** (2024). *Lehre partizipativ gestalten.*  DUZ Verlags- und Medienhaus. DOI: https://doi.org/978-3-96037-390-2.

æProjektgruppe „Wissenschaftskommunikation“ im VBIO, inkl. Moormann, A. (2024). *Wissenschaftskommunikation im Bereich der Biowissenschaften.*  VBIO

# Populärwissenschaftliche Beiträge

# Popular scientific articles

æ**Giere, P.** (2024). Der Zugang zu genetischen Ressourcen. Wie sich die Biodiversitätskonventionen durch das Nagoya-Protokoll auf die Grundlagenforschung auswirkt.. *Politik und Kultur*, 1-3. https://politikkultur.de/die-kunst-der-benennung/der-zugang-zu-genetischen-ressourcen/?print=pdf.

æ**Meyer, J.** (2024). Citizen Science – Wissenschaft der Vielen. *eNewsletter Wegweiser Bürgerschafr*, 3. https://www.buergergesellschaft.de/fileadmin/pdf/gastbeitrag\_meyer\_240328.pdf.

æ**Meyer, J.** (2024). Vertrauen in Wissenschaft durch Citizen Science. *BBE-Newsletter für Engagement und Partizipation in Deutschland*, 1-3

æ**Sturm, U.** (2024). Die alltägliche Natur - Pflanzen und Tiere entdecken mit der Smartphone-App Naturblick. *Politik & Kultur*, 22, (11/24), 23. https://www.kulturrat.de/publikationen/zeitung-pk/ausgabe-nr-102024/.

æ**Vogel, J.** (2024). Wie wollen wir leben? Naturkundemuseen bieten Räume für Lösungen.. *Politik & Kultur*, 22, (11/24), 1-2. https://www.kulturrat.de/wp-content/uploads/2024/09/puk10-24.pdf.

# Konferenzbeiträge

# Conference papers

æAgrawal, B.; Grott, M.; Kollenberg, J.; Biele, J.; Gundlach, B.; Blum, J.; **Greshake, A.**; Miyamoto, H. (2024). A numerical method to determine bulk thermal conductivity of randomly packed particle beds. *Europlanet Science Congress 2024 abstracts*, 17. DOI: https://doi.org/10.5194/epsc2024-557.

æ**Allibert, L.**; Landeau, M.; **Röhlen, R.**; Maller, A.; Nakajima, M.; **Wünnemann, K.** (2024). Metal-silicate mixing upon Giant Impacts into magma oceans. *Europlanet Science Congress 2024 abstracts*. DOI: https://doi.org/10.5194/epsc2024-1126.

æ**Anderson J.; Sager C.; Airo A.; Miedtank A.; Schwonke F.; Feige J.** (2024). Exploring Polygonal Patterned Grounds in the Hyper-arid Atacama Desert: Insights into Formation Mechanisms and Implications for Martian Analogues. *EPSC Abstracts 2024*, (EPSC2024-1115). DOI: https://doi.org/10.5194/epsc2024-1115.

æ**Bölling, C.** (2024). A Conceptual Analysis of Occurrences: Implications for the Identity, Mereology and Representation of Occurrence Instances in Biodiversity Data Exchange. *Biodiversity Information Science and Standards*, 8. DOI: https://doi.org/10.3897/biss.8.141258.

æC. Hamann, A. Greshake, L. Hecht, P. Jenniskens, F. Kaufmann, R. Luther, A. Van den Neucker, J. Helbert, P. Spurný, J. Borovicka, J. Gattacceca, A. Anand, T. Kleine, N. Braukmüller, H. Becker, P. Schmitt-Kopplin, D. Krietsch, A. Schuppisser, H. Busemann, S. Goderis, and The Ribbeck Consortiu. (2024). Initial Analysis of the Ribbeck Aubrite Recovered from Asteroid 2024 BX1. *Meteoritics & Planetary Science*. DOI: https://doi.org/10.1111/maps.14239.

æGoldmann, Moritz; Agrawal, Bhuvan; Gundlach, Bastian; Güttler, Carsten; Patzek, Markus; Grott, Matthias; Greshake, Ansga. (2024). Thermal and mechanical properties of carbonaceous chondrite analogues. *Europlanet Science Congress 2024 abstracts*, 17, EPSC2024-348. DOI: https://doi.org/10.5194/epsc2024-348.

æ**Hamann, C.**; **Greshake, A.**; **Hecht, L.**; Jenniskens, P.; **Kaufmann, F.**; **Luther, R.**; Van den Neucker, A.; Helbert, J.; Spurný, P.; Borovička, J.; Gattacceca, J.; Anand, A.; Kleine, T.; Braukmüller, N.; Becker, H.; Schmitt-Kopplin, P.; Krietsch, D.; Schuppisser, A.; Busemann, H.; Goderis, S. (2024). Petrography and geochemistry of the Ribbeck aubrite recovered from asteroid 2024 BX1, the closest analog to Mercury?. *EPSC Abstracts*, 17, 979. DOI: https://doi.org/10.5194/epsc2024-979.

æ**Hamann, C.**; **Rice, P.**; **Greshake, A.** (2024). Hypervelocity collisions as drivers of planetary differentiation: Evidence from the Boutel Fil (b) H chondrite impact melt breccia. *EPSC Abstracts*, 17, 826. DOI: https://doi.org/10.5194/epsc2024-826.

æHamm, M.; Strauß, M.; Biele, J.; **Luther, R.**; Knollenberg, J.; Grott, M. (2024). Numerical Model of Reduction of Apparent Thermal Inertia by Interrupted Vertical Heat-Flow. *Europlanet Science Congress 2024 abstracts*, 17, 315. DOI: https://doi.org/10.5194/epsc2024-315.

æHeinle, K.; Miklashevsky, A.; Albrecht, C.; Szigli, K.; Loginova, K.; & Petersen, M. (2024). WiNoDa Knowledge Lab - Wissenslabor für Naturwissenschaftliche Sammlungen und objektzentrierte Daten. *25. DINI-Jahrestagung - "Gemeinsame Infrastrukturen für eine offene Wissenschaft"*. DOI: https://doi.org/10.5281/zenodo.13832469.

æK. Wünnemann, R. Luther, I. Herreros, P. Benavidez, S. D. Raducan, M. Jutzi, S. Baldauf, and J. Orm. (2024). Impact Model Validation and Laboratory Experiments in the Frame of the Hera Mission. *Meteoritics & Planetary Science*. DOI: https://doi.org/10.1111/maps.14239.

æKarlebowski, S.; Egerer, M.; Neumann, A. E.; Schmack, J. M.; Sturm, U. (2024). Co-creation for change: engaging urban community gardeners in the development of insect conservation interventions. *Arpha Proceedings*, 6, 55-59. DOI: https://doi.org/10.3897/ap.e126596.

æ**Langer, N.**; **Luther, R.**; **Wünnemann, K.**; Koch, F.; Linke, S. (2024). From Debris to Resource: Simulating High-Velocity Impacts of Space Debris on the Moon. *Europlanet Science Congress 2024 abstracts*. DOI: https://doi.org/10.5194/epsc2024-956.

æ**Luther, R.**; Ormö, J.; Herreros, I.; Benavidez, P.; Raducan, S. D.; Jutzi, M.; Baldauf, S.; Wünnemann, K. (2024). Impact Experiments and Model Validation in the frame of the Hera mission. *Europlanet Science Congress 2024 abstracts*, 17. DOI: https://doi.org/10.5194/epsc2024-194.

æMcCormack, J.; Griffiths, M. L.; Maisch, H.; IV, Becker, M. A.; Bourgon, N.; Jaouen, K.; Fuller, B. T.; Pollerspöck, J.; **Hampe, O.**; Feichtinger, I.; Müller, W.; Shimada, K. (2024). Applying zinc isotopes to investigate the trophic positions of extinct marine vertebrates, including the megatooth shark Otodus megalodon, in ancient marine ecosystems. *EGU General Assembly 2024, Vienna, Austria*. DOI: https://doi.org/10.5194/egusphere-egu24-8484.

æMichalik, T.; Otto, K. A.; Maturilli, A.; Cloutis, E. A.; Hecht, L. (2024). How and why can oxidation influence the reflectance spectrum of pyroxenes on planetary bodies?. *Europlanet Science Congress 2024 abstracts*, 17, 1069. DOI: https://doi.org/10.5194/epsc2024-1069.

æ**Miklashevsky, A.**; **Heinle, K.**; **Albrecht, C.**; **Szigli, K.**; **Loginova, K.**; **Petersen, M.** (2024). WiNoDa Knowledge Lab: Ein Datenkompetenzzentrum für Naturwissenschaftliche Sammlungen und Objektzentrierte Daten. *NFDI4Objects Community Meeting 2024 (Mainz, Germany, 2024)*. DOI: https://doi.org/10.5281/zenodo.13886477.

æ**Parolini, G.**; **Petersen, M.** (2024). What Is Sustainability? A Reflection From the Perspective of Biodiversity Informatics. *Biodiversity Information Science and Standards 8*, 8. DOI: https://doi.org/10.3897/biss.8.132930.

æPlesa, Ana-Catalina; Rückriemen-Bez, Tina; Wünnemann, Ka. (2024). The role of impacts on ice shell dynamics and surface-to-ocean&amp;#160;exchange on Europa. *Europlanet Science Congress 2024 abstracts*, 17, EPSC2024-701. DOI: https://doi.org/10.5194/epsc2024-701.

æPoelchau, M. H.; Kenkmann, T.; Winkler, R.; Wirth, R.; Luther, R.; Schaefer, F. (2024). Shear Stresses in Experimentally Shock-Twinned Calcite. *Meteoritics & Planetary Science*, 59, (S1), I-XIII. DOI: https://doi.org/10.1111/maps.14239.

æRice, P.; Luther, R.; Wünnemann, K. (2024). Modelling Lunar Impact Flashes from Molten Ejecta. *Europlanet Science Congress 2024 abstracts*. DOI: https://doi.org/10.5194/epsc2024-560.

æ**Röhlen, R.**; **Wünnemann, K.**; Allibert, L.; Maas, C.; Hansen, U. (2024). Breaking or Entering? The Fate of Asteroid Cores During Impact Into a Magma Ocean.. *Europlanet Science Congress 2024 abstracts*, 17. DOI: https://doi.org/10.5194/epsc2024-816.

æSchiller, Edmund K.; Buschbom, Jutta; Wiltschke-Schrotta, Karin; Häffner, Eva; Leliaert, Frederik; Zimkus, Breda M.; Dickie, John B.; Gomes, Suzete R.; Lyal, Christopher H.C.; Mulcahy, Daniel; Paton, Alan J.; Droege, Gabriel. (2024). Tools for Fulfilling Legal Requirements of Biodiversity Specimens: Permit/Contract & Term Typologies. *Biodiversity Information Science and Standards*, 8, e139406. DOI: https://doi.org/10.3897/biss.8.139406.

æSenel, C. B.; Karatekin, O.; Luther, R.; Henry, G.; Claeys, P. (2024). Simulating NASA DART impact: Insights into the interior of asteroid Dimorphos. *EGU General Assembly 2024 Abstracts*. DOI: https://doi.org/10.5194/egusphere-egu24-12996.

æSenel, C. B.; Karatekin, O.; **Luther, R.**; Henry, G.; & Claeys, P. (2024). Hypervelocity Impact Simulations of the NASA Double Asteroid Redirection Test (DART) on Asteroid Dimorphos. *Lunar & Planetary Science Conference Abstracts*, #2312. https://www.hou.usra.edu/meetings/lpsc2024/technical\_program/?session\_no=721.

æSenel, C. B.; Karatekin, Ö.; **Luther, R.**; Dai, K.; Zhu, M.; **Wünnemann, K.**; Claeys, P. (2024). Inferring the interior of asteroid Dimorphos from hypervelocity DART-scale impact simulations. *Europlanet Science Congress 2024 abstracts*, 17, 937. DOI: https://doi.org/10.5194/epsc2024-937.

æSenel, C. B.; Karatekin, Ö.; Luther, R.; Dai, K.; Zhu, M.-H.; Wünnemann, K.; Claeys, P. (2024). DART-scale Hypervelocity Impact Simulations: Insights into the Interior of Near-Earth Asteroid Dimorphos. *86th Annual Meeting of the Meteoritical Society 2024*, LPI Contrib. No. 3036-6443. https://www.hou.usra.edu/meetings/metsoc2024/pdf/6443.pdf.

æ**Sturm, U.**; **Khorramshahi, O.** (2024). Naturblick: Erkenntnisse aus der Entwicklung einer App zur urbanen Naturerfahrung. *BfN-Schriften*. DOI: https://doi.org/10.19217/skr677.

æ**Sturm, U.**; **Kuhlmann, H.**; **Dontschev, M.** (2024). Übersicht Bestimmungs-Apps. *BfN-Schriften*, (677), 57-61. DOI: https://doi.org/10.19217/skr677.

æVan den Neucker, A.; Helbert, J.; Barraud, O.; D'Amore, M.; Verma, N.; Adeli, A.; Alemanno, G.; Maturilli, A.; Hamann, C.; Hecht, L.; Greshake, A.; Kaufmann, F.; Luther, R.; Jenniskens, P.; Hiesinger, H. (2024). The Spectral Characterization of the Ribbeck Aubrite as Mercury Analog: The Effect of Heating in Preparation for MERTIS FlyBy 5.. *Meteoritics & Planetary Science*, 59, (S1). DOI: https://doi.org/10.1111/maps.14239.

æVan den Neucker, Aurelie; Helbert, Joern; Barraud, Oceane; d'Amore, Mario; Verma, Nimisha; Adeli, Solmaz; Alemanno, Giulia; Maturilli, Alessandro; Hamann, Christopher; Hecht, Lutz; Greshake, Ansgar; Kaufman, Felix; Luther, Robert; Jenniskens, Peter; Hiesinger, Haral. (2024). The Spectral Characterization of the Ribbeck Aubrite as Mercury Analog: The Effect of Heating in Preparation for MERTIS FlyBy 5. *Europlanet Science Congress 2024 abstracts*, 17, EPSC2024-733. DOI: https://doi.org/10.5194/epsc2024-733.

**von Mering, S.**; **Kaiser, K.** (2024). Making connections. Open data for transdisciplinary Provenance Research on Collections from Colonial Contexts. *in: Schmidt-Loske, Katharina, Tschan, Georg F., Xylander, Willi E. R., Space, Time, Plants and Paper. Botanical Exploration from Colonial Origins to Global Heritage (= Senckenberg Monographs, Vol. 1, pp. 75-84*, 2024, (1), 75-84. DOI: https://doi.org/978-3-510-61428-8.

# Berichte

# Reports

æ**Bessert-Nettelbeck, M.**; Burwitz, M.; Gehring, K.; Erikson, K.; **Kiprijanov, K. S.**; Loth, A.; Mühlenbein, F.; Müller, M.; Oesterheld, M.; **Voigt-Heucke, S.** (2024). *Partizipation in der Wissenschaft (DUZ Special).*  DUZ Verlags- und Medienhaus. DOI: https://doi.org/ISBN 978-3-96037-390-2.

æBishop, I,; Cacciatori, C.; Chapman, D.; DuBois, C.; ; Endalew, Y. E.; Goldin, J.; Graham, M.; Hamisi, W.; Juanah, M.; Kamara, I.; **Kirschke, S.**; Livingstone, A.; Loeffen, A.; Loiselle, S.; Madikizela, B.; Mkole, R.; Castro, J. M.; Mudenda, E.; Nyongesa, F.; Nyoni, F.; Kiminta, E. O.; Pattinson, N. B.; Sullivan, T.; Taylor, J.; de Vries, S.; Walker, M.; Warner, S.; Wehn, U.; Wu, Y. (2024). *Technical Brief - The role of citizen science in improving ambient water quality.*  Earthwatch Europe on behalf of the United  
Nations Environment Programme-coordinated World Water Quality Alliance. DOI: https://doi.org/10.5281/zenodo.12634359.

æBishop, I.; Cacciatori, C.; Ceccaroni, L.; Chapman, D.; DuBois, C.; Endalew, Y. E.; Goldin, J.; Graham, M. P.; Hamisi, W. Juanah, M.; Kamara, I.; **Kirschke, S.**; Livingstone, A.; Loeffen, A.; Loiselle, S.; Madikizela, B.; Mkole, R.; Monge, J.; Mudenda, E.; Nyongesa, F.; Nyoni, F.; Kiminta, E. O.; Pattinson, N. B.; Sullivan, T.; Taylor, J.; a deVries, S.; Walker, M.; Warner, S.; Wehn, U.; Yaqian Wu, Y. (2024). *Policy Brief - The role of citizen science in improving ambient water quality.*  Earthwatch Europe on behalf of the United  
Nations Environment Programme-coordinated World Water Quality Alliance. DOI: https://doi.org/10.5281/zenodo.12650972.

æCyber Valley, Berlin School of Public Engagement and Open Science, PE-Communit. (2024). *Der Public Engagement Kodex - Wie wir den Dialog zwischen Wisschenschaft und Öffentlichkeit gestalten.* , 1-24 Museum für Naturkunde Berlin (MfN) - Leibniz Institute for Evolution and Biodiversity Science

æCyber Valley, Berlin School of Public Engagement and Open Science, PE-Communit. (2024). *The Principles of Public Engagement - How we shape the dialogue between research and the public; .*  Museum für Naturkunde Berlin (MfN) - Leibniz Institute for Evolution and Biodiversity Science. 2:Museum für Naturkunde Berlin (MfN) - Leibniz Institute for Evolution and Biodiversity Science

æFaustino, A.; Wendler, J.; Shennan V. (2024). *Impact: Definitions, How to manage it, A case study.* , 1-6 Museum für Naturkunde Berlin (MfN) - Leibniz Institute for Evolution and Biodiversity Science. DOI: https://doi.org/10.7479/m82c-m683.

æGalloway, C.; Monaghan, J.; **Wendler, J.**; Spokes, L.; Joubert, M.; Milne, R.; **Shennan, V.** (2024). *Emotions in Engagement Toolkit - A practice guide and insights from the Collaborative Futures Academy 2024.*  Museum für Naturkunde Berlin (MfN) - Leibniz Institute for Evolution and Biodiversity Science. DOI: https://doi.org/10.7479/m1m8-km40.

æ**Karlebowski, S.**; **& Sturm,.** (2024). *Datenmanagementpläne in Citizen-Science-Projekten – Begleitender Leitfaden zum Werkzeug Bürgerforschungsdaten-planen.* , 1-28 Museum für Naturkunde Berlin (MfN) - Leibniz Institute for Evolution and Biodiversity Science. DOI: https://doi.org/10.7479/4y0t-k239.

æ**Kiprijanov, K. S.** (2024). *Leitbild Public Engagement zu Planetarer Gesundheit mit Fokus auf Ernährung und Ernährungssysteme.* . DOI: https://doi.org/tba.

Kiprijanov, K. S.; Reichel, C. (2024). *Wissenstransfer für nachhaltige Landnutzung und Ernährung: Gemeinsam tätig werden im Sinne der Planetaren Gesundheit.*  DUZ Verlags- und Medienhaus

æ**Kirschke, S.**; **Glahe, J.**; Ahrend, C.; Brandt, M.; **Hecker, S.**; Krohmer, J.; Lentz, S.; Marzinek, N.; Molthagen-Schnöring, S.; **Stewart, M.**; **Voigt-Heucke, S.** (2024). *Perspectives on Science Communication.* , e136750 Pensoft Publishers. DOI: https://doi.org/10.3897/rio.10.e136750.

æLeachman, S.; Meudt, H.; **von Mering, S.**; & Santos, J. (2024). *Report on WikiProject International Botanical Congress 2024.*  Zenodo. DOI: https://doi.org/10.5281/zenodo.13788266.

# Datenpublikationen

# Data publications

æ**Arvidsson, P.**; **Ebbighausen, J.**; **Khorramshahi, O.** (2024). Open Source Code Naturblick Android. [Dataset]. s.publisher. https://github.com/mfn-berlin/naturblick-android.

æ**Arvidsson, P.**; **Ebbighausen, J.**; **Khorramshahi, O.** (2024). Open Source Code Naturblick iOS. [Dataset]. s.publisher. https://github.com/mfn-berlin/naturblick-ios.

æClements, H. S.; San, E. D. L.; Hempson, G.; Linden, B.; Maritz, B.; Monadjem, A.; Reynolds, C.; Siebert, F.; Stevens, N.; Biggs, R.; De Vos, A.; Blanchard, R.; Child, M.; Esler, K. J.; Hamann, M.; Loft, T.; Reyers, B.; Selomane, O.; Skowno, A. L.; (...), Rödel, M.-O.; (...), Woodhouse, G. M. (2024). The bii4africa dataset of faunal and floral population intactness estimates across Africa’s major land uses. [Dataset]. s.publisher. DOI: https://doi.org/10.1038/s41597-023-02832-6.

æ**Dittrich, C.** (2024). Drop dead! Female mate avoidance in an explosively breeding frog. [Dataset]. s.publisher. DOI: https://doi.org/10.52843/cassyni.fzsxvh.

æ**Heyne, E.**; Falb, D.; Rinck, M.; Schalansky, J.; Graessner, M.; Schneider, T.; Bossmann, M.; Lembeck, P.; Tajouri, S.; **Sturm, U.** (2024). Wie Gras. Ein literarischer Audioguide zum Anthropozän. [Dataset]. s.publisher

**Karlebowski, S.**; **Sturm, U.** (2024). Digitales Werkzeug für die Erstellung von Datenmanagementplänen für Citizen Science-Projekte. [Dataset]. s.publisher. https://buergerforschungsdaten-planen.de/.

æMcGregor, A. P.; **Sumner-Rooney, L.**; Burkmar, R.; Schoenauer, A. (2024). The genome sequence of the silver stretch spider, Tetragnatha montana (Simon, 1874) (Araneae: Tetragnathidae). [Dataset]. s.publisher. DOI: https://doi.org/10.12688/wellcomeopenres.21782.1.

**Meyer, J.** (2024). Understanding the role of trust in the cooperation of diverse actors in citizen science projects from Germany: a qualitative interview study. [Dataset]. s.publisher. DOI: https://doi.org/10.17605/OSF.IO/263UV.

æPaech, F.; Woite, E.; Paß, S.; & Schindler, C. (2024). Open Access Spiel "Skill It - Unlock Your Science!". [Dataset]. s.publisher. DOI: https://doi.org/10.7479/eqbn-6f25.

æ**Parolini, G.** (2024). Machine-Readable Data Formats in Biodiversity Informatics. [Dataset]. s.publisher. DOI: https://doi.org/10.7479/6qch-mz63.

æVan Tussenbroek, I. A.; **Knörnschild, M.**; **Nagy, M.**; O’Toole, B. P.; Formenti, G.; Philge, P.; Zhang, N.; Abueg, L.; Brajuka, N.; Jarvis, E.; Volkert, T. L.; Gray, J. L.; Pieri, M.; Mai, M.; Teeling, E. C.; Vernes, S. C. (2024). The genome sequence of Rhynchonycteris naso, Peters, 1867 (Chiroptera, Emballonuridae, Rhynchonycteris). [Dataset]. s.publisher. DOI: https://doi.org/10.12688/wellcomeopenres.19959.1.