**2018**

**Publikationen | Publications**

**Wissenschaftliche Artikel in referierten Zeitschriften | Scientific articles in peer- reviewed journals**

Abu El-Enen, M.; Lorenz, J.; Ali, K.; Von Seckendorff, V.; Okrusch, M.; Schüssler, U.; Brätz, H.; **Schmitt, R.** (2018). A new look on Imperial Porphyry: a famous ancient dimension stone from the Eastern Desert of Egypt—petrogenesis and cultural relevance. *International Journal of Earth Sciences, 107 (7)*: 2393-2408. DOI: [10.1007/s00531-018-1604-z](https://doi.org/10.1007/s00531-018-1604-z)

Aburto-Oropeza, O.; Johnson, A.; Agha, M.; Allen, E.; Allen, M.; González, J.; Arenas Moreno, D.; Beas-Luna, R.; Butterfield, S.; Caetano, G.; Caselle, J.; Gaytán, G.; Castorani, M.; Cat, L.; Cavanaugh, K.; Chambers, J.; Cooper, R.; Arafeh-Dalmau, N.; Dawson, T.; De La Vega Pérez, A.; Dimento, J.; Guerrero, S.; Edwards, M.; Ennen, J.; Estrada-Medina, H.; Fierro-Estrada, N.; Gadsden, H.; Galina-Tessaro, P.; Gibbons, P.; Goode, E.; Gorris, M.; Harmon, T.; Hecht, S.; Heredia Fragoso, M.; Hernández-Solano, A.; Hernández-Cortés, D.; Hernández-Carmona, G.; Hillard, S.; Huey, R.; Hufford, M.; Jenerette, G.; Jiménez-Osornio, J.; López-Nava, K.; Lara Reséndiz, R.; Leslie, H.; López-Feldman, A.; Luja, V.; Méndez, N.; Mautz, W.; Medellín-Azuara, J.; Meléndez-Torres, C.; De La Cruz, F.; Micheli, F.; Miles, D.; Montagner, G.; Montaño-Moctezuma, G.; **Müller, J.**; Oliva, P.; Ortinez Álvarez, J.; Ortiz-Partida, J.; Palleiro-Nayar, J.; Páramo Figueroa, V.; Parnell, P.; Raimondi, P.; Ramírez-Valdez, A.; Randerson, J.; Reed, D.; Riquelme, M.; Torres, T.; Rosen, P.; Ross-Ibarra, J.; Sánchez-Cordero, V.; Sandoval-Solis, S.; Santos, J.; Sawers, R.; Sinervo, B.; Sites, J.; Sosa-Nishizaki, O.; Stanton, T.; Stapp, J.; Stewart, J.; Torre, J.; Torres-Moye, G.; Treseder, K.; Valdez-Villavicencio, J.; Valle Jiménez, F.; Vaughn, M.; Welton, L.; Westphal, M.; Woolrich-Piña, G.; Yunez-Naude, A.; Zertuche-González, J.; Taylor, J. (2018). Harnessing cross-border resources to confront climate change. *Environmental Science & Policy, 87*: 128-132. DOI: [10.1016/j.envsci.2018.01.001](https://doi.org/10.1016/j.envsci.2018.01.001)

Amelin, Y.; Koefoed, P.; Iizuka, T.; **Fernandes, V**.; Huyskens, M.; Yin, Q.; Irving, A. (2018). U-Pb, Rb-Sr and Ar-Ar systematics of the ungrouped achondrites Northwest Africa 6704 and Northwest Africa 6693. *Geochimica et Cosmochimica Acta, 245*: 628-642. DOI: [10.1016/j.gca.2018.09.021](https://doi.org/10.1016/j.gca.2018.09.021)

**Amson, E.**; Billet, G.; De Muizon, C. (2018). 3D models related to the publication: Evolutionary Adaptation to Aquatic Lifestyle in Extinct Sloths Can Lead to Systemic Alteration of Bone Structure.. *MorphoMuseuM*: e64. DOI: [10.18563/journal.m3.64](https://doi.org/10.18563/journal.m3.64" \t "_blank)

**Amson, E.**; Billet, G.; De Muizon, C. (2018). Evolutionary adaptation to aquatic lifestyle in extinct sloths can lead to systemic alteration of bone structure. *Proceedings of the Royal Society B: Biological Sciences, 285 (1878)*: 1-9. DOI: [10.1098/rspb.2018.0270](https://doi.org/10.1098/rspb.2018.0270" \t "_blank)

Anichini, M.; Lehmann, G.; **Frommolt, K.-H.** (2018). To compete or not to compete: bushcricket song plasticity reveals male body condition and rival distance. *Animal Behaviour, 142*: 59-68. DOI: [10.1016/j.anbehav.2018.05.022](https://doi.org/10.1016/j.anbehav.2018.05.022" \t "_blank)

Apfelbeck, B.; Haussmann, M.; Boner, W.; Flinks, H.; Griffiths, K.; Illera, J.; **Mortega, K.**; Sisson, Z.; Smiddy, P.; Helm, B. (2018). Divergent patterns of telomere shortening in tropical compared to temperate stonechats. *Ecology and Evolution, 9 (1)*: 511-521. DOI: [10.1002/ece3.4769](https://doi.org/10.1002/ece3.4769" \t "_blank)

Araújo, R.; Fernandez, V.; Rabbitt, R.; Ekdale, E.; Antunes, M.; Castanhinha, R.; **Fröbisch, J.**; Martins, R. (2018). Endothiodon cf. bathystoma (Synapsida: Dicynodontia) bony labyrinth anatomy, variation and body mass estimates. *PLOS ONE, 13 (3)*: e0189883. DOI: [10.1371/journal.pone.0189883](https://doi.org/10.1371/journal.pone.0189883)

Arlt, T.; Wieder, F.; **Ritsche, I.**; Hilger, A.; Kardjilov, N.; Fahlke, J.; **Hampe, O.**; Manke, I. (2018). Röntgen- und Neutronentomographie am knöchernen Innenohr der Bartenwale. *Materials Testing, 60 (2)*: 173-178. DOI: [10.3139/120.111129](https://doi.org/10.3139/120.111129)

**Asad, S.**; Wilting, A.; **Rödel, M.-O.** (2018). Naja sumatrana (Sumatran Spitting Cobra) Diet. *Herpetological Review, 49 (1)*: 134-135

Bailey, R.; Molleman, F.; Vasseur, C.; Woas, S.; Prinzing, A. (2018). Large body size constrains dispersal assembly of communities even across short distances. *Scientific Reports, 8*: 1-12. DOI: [10.1038/s41598-018-29042-0](https://doi.org/10.1038/s41598-018-29042-0" \t "_blank)

Beermann, J.; Westbury, M.; Hofreiter, M.; **Hilgers, L.**; Deister, F.; Neumann, H.; Raupach, M. (2018). Cryptic species in a well-known habitat: applying taxonomics to the amphipod genus Epimeria (Crustacea, Peracarida). *Scientific Reports, 8*: 1-26. DOI: [10.1038/s41598-018-25225-x](https://doi.org/10.1038/s41598-018-25225-x" \t "_blank)

**Bendel, E.**; **Kammerer, C.**; Kardjilov, N.; Fernandez, V.; **Fröbisch, J.** (2018). Cranial anatomy of the gorgonopsian Cynariops robustus based on CT-reconstruction. *PLOS ONE, 13 (11)*: e0207367. DOI: [10.1371/journal.pone.0207367](https://doi.org/10.1371/journal.pone.0207367" \t "_blank)

**Bickelmann, C.**; Frota-Lima, G.; Triepel, S.; Kawaguchi, A.; Schneider, I.; **Fröbisch, N.** (2018). Noncanonical Hox, Etv4, and Gli3 gene activities give insight into unique limb patterning in salamanders. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 330 (3)*: 138-147. DOI: [10.1002/jez.b.22798](https://doi.org/10.1002/jez.b.22798)

**Bickelmann, C.**; Tsuji, L. (2018). A case study of developmental palaeontology in Stereosternum tumidum (Mesosauridae, Parareptilia). *Fossil Record, 21 (1)*: 109-118. DOI: [10.5194/fr-21-109-2018](https://doi.org/10.5194/fr-21-109-2018)

Bidzilya, O.; **Mey, W.** (2018). Review of the genus Tricerophora Janse, 1958 (Lepidoptera, Gelechiidae) with description of six new species. *Deutsche Entomologische Zeitschrift, 65 (1)*: 81-98. DOI: [10.3897/dez.65.25747](https://doi.org/10.3897/dez.65.25747" \t "_blank)

Blanco, F.; Gómez Cano, A.; Cantalapiedra, J.; Domingo, M.; Domingo, L.; Menéndez, I.; Flynn, L.; Hernández Fernández, M. (2018). Differential responses of Miocene rodent metacommunities to global climatic changes were mediated by environmental context. *Scientific Reports, 8 (2502)*: 1-12. DOI: [10.1038/s41598-018-20900-5](https://doi.org/10.1038/s41598-018-20900-5" \t "_blank)

**Blankers, T.**; Vilaça, S.; **Waurick, I.**; Gray, D.; Hennig, R.; Mazzoni, C.; **Mayer, F.**; Berdan, E. (2018). Demography and selection shape transcriptomic divergence in field crickets. *Evolution, 72 (3)*: 553-567. DOI: [10.1111/evo.13435](https://doi.org/10.1111/evo.13435)

Blondel, C.; Rowan, J.; Merceron, G.; **Bibi, F.**; Negash, E.; Barr, W.; Boisserie, J. (2018). Feeding ecology of Tragelaphini (Bovidae) from the Shungura Formation, Omo Valley, Ethiopia: Contribution of dental wear analyses. *Palaeogeography, Palaeoclimatology, Palaeoecology, 496*: 103-120. DOI: [10.1016/j.palaeo.2018.01.027](https://doi.org/10.1016/j.palaeo.2018.01.027" \t "_blank)

Böhmer, C.; **Amson, E.**; Arnold, P.; Van Heteren, A.; Nyakatura, J. (2018). Homeotic transformations reflect departure from the mammalian ‘rule of seven’ cervical vertebrae in sloths: inferences on the Hox code and morphological modularity of the mammalian neck. *BMC Evolutionary Biology, 18*: 1-11. DOI: [10.1186/s12862-018-1202-5](https://doi.org/10.1186/s12862-018-1202-5)

Böndel, K.; Nosenko, T.; **Stephan, W.** (2018). Signatures of natural selection in abiotic stress-responsive genes of Solanum chilense. *Royal Society Open Science, 5 (1)*: 171-198. DOI: [10.1098/rsos.171198](https://doi.org/10.1098/rsos.171198" \t "_blank)

Borghini, A.; Ferrero, S.; Wunder, B.; Laurent, O.; O’Brien, P.; Ziemann, M. (2018). Granitoid melt inclusions in orogenic peridotite and the origin of garnet clinopyroxenite. *Geology, 46 (11)*: 1007-1010. DOI: [10.1130/g45316.1](https://doi.org/10.1130/g45316.1)

Braeckevelt, E.; Heiland, S.; **Schliep, R.**; Sukopp, U.; Trautmann, S.; Züghart, W. (2018). Indikatoren zu Auswirkungen des Klimawandels auf die biologische Vielfalt: Stand und Perspektiven am Beispiel von Meereszooplankton und Vögeln in Deutschland. *Natur und Landschaft, 93 (12)*: 538-544. DOI: [10.17433/12.2018.50153641](https://doi.org/10.17433/12.2018.50153641)

Brix, S.; Lörz, A.; Jazdzewska, A.; Hughes, L.; Tandberg, A.; Pabis, K.; Stransky, B.; Krapp-Schickel, T.; Sorbe, J.; Hendrycks, E.; Vader, W.; Frutos, I.; Horton, T.; Jazdzewski, K.; Peart, R.; Beermann, J.; **Coleman, O.**; Buhl-Mortensen, L.; Corbari, L.; Havermans, C.; Tato, R.; Jimenez Campean, A. (2018). Amphipod family distributions around Iceland. *ZooKeys (731)*: 1-53. DOI: [10.3897/zookeys.731.19854](https://doi.org/10.3897/zookeys.731.19854" \t "_blank)

**Brocklehurst, N.** (2018). An examination of the impact of Olson’s extinction on tetrapods from Texas. *PeerJ, 6*: e4767. DOI: [10.7717/peerj.4767](https://doi.org/10.7717/peerj.4767" \t "_blank)

**Brocklehurst, N.**; Day, M.; **Fröbisch, J.** (2018). Accounting for differences in species frequency distributions when calculating beta diversity in the fossil record. *Methods in Ecology and Evolution, 9 (6)*: 1409-1420. DOI: [10.1111/2041-210x.13007](https://doi.org/10.1111/2041-210x.13007)

**Brocklehurst, N.**; Dunne, E.; Cashmore, D.; Frӧbisch, J. (2018). Physical and environmental drivers of Paleozoic tetrapod dispersal across Pangaea. *Nature Communications, 9*: 1-12. DOI: [10.1038/s41467-018-07623-x](https://doi.org/10.1038/s41467-018-07623-x)

**Brocklehurst, N.**; **Fröbisch, J.** (2018). A reexamination of Milosaurus mccordi, and the evolution of large body size in Carboniferous synapsids. *Journal of Vertebrate Paleontology*: 1-10. DOI: [10.1080/02724634.2018.1508026](https://doi.org/10.1080/02724634.2018.1508026" \t "_blank)

**Brocklehurst, N.**; **Fröbisch, J.** (2018). The Definition of Bioregions in Palaeontological Studies of Diversity and Biogeography Affects Interpretations: Palaeozoic Tetrapods as a Case Study. *Frontiers in Earth Science, 6*: 200-228. DOI: [10.3389/feart.2018.00200](https://doi.org/10.3389/feart.2018.00200" \t "_blank)

Brosse, M.; Bucher, H.; Baud, A.; Frisk, Å.; Goudemand, N.; Hagdorn, H.; Nützel, A.; **Ware, D.**; Hautmann, M. (2018). New data from Oman indicate benthic high biomass productivity coupled with low taxonomic diversity in the aftermath of the Permian-Triassic Boundary mass extinction. *Lethaia, 52 (2)*: 165-187. DOI: [10.1111/let.12281](https://doi.org/10.1111/let.12281" \t "_blank)

Bulnes, V.; **Grau, J.**; Carbayo, F. (2018). A new Chilean genus and species of land planarian (Platyhelminthes: Tricladida, Geoplaninae) with cephalic retractor muscle and adenodactyl. *Journal of Natural History*: 2553-2566. DOI: [10.1080/00222933.2018.1538468](https://doi.org/10.1080/00222933.2018.1538468" \t "_blank)

Cancian De Araujo, B.; Schmidt, S.; Schmidt, O.; **Von Rintelen, T.**; Kilmaskossu, A.; Panjaitan, R.; Balke, M. (2018). From field courses to DNA barcoding data release for West Papua - making specimens and identifications from university courses more sustainable. *Biodiversity Data Journal, 6*: e25237. DOI: [10.3897/bdj.6.e25237](https://doi.org/10.3897/bdj.6.e25237)

Cantalapiedra, J.; Domingo, M.; Domingo, L. (2018). Multi-scale interplays of biotic and abiotic drivers shape mammalian sub-continental diversity over millions of years. *Scientific Reports, 8*: 1-8. DOI: [10.1038/s41598-018-31699-6](https://doi.org/10.1038/s41598-018-31699-6)

Cassens, B.; **Ripperger, S.**; Hierold, M.; **Mayer, F.**; Kapitza, R. (2018). Automated Encounter Detection for Animal-Borne Sensor Nodes.. *Proceedings of the 2017 International Conference on Embedded Wireless Systems and Networks*

Chitimia-Dobler, L.; Pfeffer, T.; **Dunlop, J.** (2018). Haemaphysalis cretacea a nymph of a new species of hard tick in Burmese amber. *Parasitology, 145 (11)*: 1440-1451. DOI: [10.1017/s0031182018000537](https://doi.org/10.1017/s0031182018000537)

Citton, P.; Fabbi, S.; Cipriani, A.; **Jansen, M.**; **Romano, M.** (2018). Hybodont dentition from the Upper Jurassic of Monte Nerone Pelagic Carbonate Platform (Umbria-Marche Apennine, Italy) and its ecological implications. *Geological Journal, 54 (1)*: 278-290. DOI: [10.1002/gj.3174](https://doi.org/10.1002/gj.3174)

Cocca, W.; Rosa, G.; Andreone, F.; Aprea, G.; Bergò, P.; Mattioli, F.; Mercurio, V.; Randrianirina, J.; Rosado, D.; Vences, M.; Crottini, A. (2018). The herpetofauna (Amphibia, Crocodylia, Squamata, Testudines) of the Isalo Massif, Southwest Madagascar: combining morphological, molecular and museum data. *Salamandra, 54 (3)*: 178-200

**Coiffard, C.**; Mohr, B. (2018). Cretaceous tropical Alismatales in Africa: diversity, climate and evolution. *Botanical Journal of the Linnean Society, 188 (2)*: 117-131. DOI: [10.1093/botlinnean/boy045](https://doi.org/10.1093/botlinnean/boy045" \t "_blank)

**Coleman, O.** (2018). Shadings in digital taxonomic drawings. *Zoosystematics and Evolution, 94 (2)*: 529-533. DOI: [10.3897/zse.94.28624](https://doi.org/10.3897/zse.94.28624" \t "_blank)

Dai, X.; Song, H.; Brayard, A.; **Ware, D.** (2018). A new Griesbachian–Dienerian (Induan, Early Triassic) ammonoid fauna from Gujiao, South China. *Journal of Paleontology*: 48-71. DOI: [10.1017/jpa.2018.46](https://doi.org/10.1017/jpa.2018.46)

Da Silva, F.; Fabre, A.; Savriama, Y.; Ollonen, J.; **Mahlow, K.**; Herrel, A.; **Müller, J.**; Di-Poï, N. (2018). The ecological origins of snakes as revealed by skull evolution. *Nature Communications, 9*: 1-11. DOI: [10.1038/s41467-017-02788-3](https://doi.org/10.1038/s41467-017-02788-3)

David B., L.; Johan, R.; Dorina, L.; Patrick, D.; Klump, J. (2018). Raritas: a program for counting high diversity categorical data with highly unequal abundances. *PeerJ, 6*: e5453. DOI: [10.7717/peerj.5453](https://doi.org/10.7717/peerj.5453" \t "_blank)

Day, M.; Benson, R.; **Kammerer, C.**; Rubidge, B. (2018). Evolutionary rates of mid-Permian tetrapods from South Africa and the role of temporal resolution in turnover reconstruction. *Paleobiology, 44 (3)*: 347-367. DOI: [10.1017/pab.2018.17](https://doi.org/10.1017/pab.2018.17" \t "_blank)

**Díez Díaz, V.**; Garcia, G.; Pereda-Suberbiola, X.; Jentgen-Ceschino, B.; Stein, K.; Godefroit, P.; Valentin, X. (2018). The titanosaurian dinosaur Atsinganosaurus velauciensis (Sauropoda) from the Upper Cretaceous of southern France: New material, phylogenetic affinities, and palaeobiogeographical implications. *Cretaceous Research, 91*: 429-456. DOI: [10.1016/j.cretres.2018.06.015](https://doi.org/10.1016/j.cretres.2018.06.015" \t "_blank)

**Dittrich, C.**; Rodríguez, A.; Segev, O.; Drakulić, S.; Feldhaar, H.; Vences, M.; **Rödel, M.-O.** (2018). Temporal migration patterns and mating tactics influence size-assortative mating in Rana temporaria. *Behavioral Ecology, 29 (2)*: 418-428. DOI: [10.1093/beheco/arx188](https://doi.org/10.1093/beheco/arx188" \t "_blank)

Doležálková-Kaštánková, M.; Pruvost, N.; **Plötner, J.**; Reyer, H.; Janko, K.; Choleva, L. (2018). All-male hybrids of a tetrapod Pelophylax esculentus share its origin and genetics of maintenance. *Biology of Sex Differences, 9 (13)*: 1-11. DOI: [10.1186/s13293-018-0172-z](https://doi.org/10.1186/s13293-018-0172-z" \t "_blank)

Doumbia, J.; **Sandberger-Loua, L.**; **Rödel, M.-O.** (2018). The tadpoles of all five species of the West African frog family Odontobatrachidae (Amphibia, Anura). *Alytes*: 63-92

**Dubke, M.**; Hipsley, C.; **Müller, J.** (2018). Comparative skull osteology and preliminary systematic revision of the African lizard genus Heliobolus (Squamata: Lacertidae). *African Journal of Herpetology, 67 (2)*: 1-38. DOI: [10.1080/21564574.2017.1422153](https://doi.org/10.1080/21564574.2017.1422153" \t "_blank)

Duda, N.; Nowak, T.; Hartmann, M.; Schadhauser, M.; Cassens, B.; Wägemann, P.; Nabeel, M.; **Ripperger, S.**; Herbst, S.; Meyer-Wegener, K.; **Mayer, F.**; Dressler, F.; Schröder-Preikschat, W.; Kapitza, R.; Robert, J.; Thielecke, J.; Weigel, R.; Köplin, A. (2018). BATS: Adaptive Ultra Low Power Sensor Network for Animal Tracking. *Sensors, 18 (10)*: 3343. DOI: [10.3390/s18103343](https://doi.org/10.3390/s18103343)

Dunhill, A.; Foster, W.; Azaele, S.; Sciberras, J.; Twitchett, R. (2018). Modelling determinants of extinction across two Mesozoic hyperthermal events. *Proceedings of the Royal Society B: Biological Sciences, 285 (1889)*: 20180404. DOI: [10.1098/rspb.2018.0404](https://doi.org/10.1098/rspb.2018.0404" \t "_blank)

**Dunlop, J.**; Frahnert, K.; Mąkol, J. (2018). A giant mite in Cretaceous Burmese amber. *Fossil Record, 21 (2)*: 285-290. DOI: [10.5194/fr-21-285-2018](https://doi.org/10.5194/fr-21-285-2018)

**Dunlop, J.**; Kotthoff, U.; Hammel, J.; Ahrens, J.; Harms, D. (2018). Arachnids in Bitterfeld amber: A unique fauna of fossils from the heart of Europe or simply old friends?. *Evolutionary Systematics, 2 (1)*: 31-44. DOI: [10.3897/evolsyst.2.22581](https://doi.org/10.3897/evolsyst.2.22581" \t "_blank)

**Dunlop, J.**; Selden, P.; Pfeffer, T.; Chitimia-Dobler, L. (2018). A Burmese amber tick wrapped in spider silk. *Cretaceous Research, 90*: 136-141. DOI: [10.1016/j.cretres.2018.04.013](https://doi.org/10.1016/j.cretres.2018.04.013)

**Dunlop, J.**; Siyam, M.; Kovařík, F. (2018). Smaller orders of arachnids in Sudan: a literature review.. *Arachnology, 17 (9)*: 449-457

**Dunlop, J.**; Walter, D.; Kontschán, J. (2018). A putative fossil sejid mite (Parasitiformes: Mesostigmata) in Baltic amber re-identified as an anystine (Acariformes: Prostigmata). *Acarologia, 58 (3)*: 665-672. DOI: [10.24349/acarologia/20184263](https://doi.org/10.24349/acarologia/20184263)

Dunne, E.; Close, R.; Button, D.; **Brocklehurst, N.**; Cashmore, D.; Lloyd, G.; Butler, R. (2018). Diversity change during the rise of tetrapods and the impact of the ‘Carboniferous rainforest collapse’. *Proceedings of the Royal Society B: Biological Sciences, 285 (1872)*: 20172730. DOI: [10.1098/rspb.2017.2730](https://doi.org/10.1098/rspb.2017.2730" \t "_blank)

**Eldon, B.**; Freund, F. (2018). Genealogical Properties of Subsamples in Highly Fecund Populations. *Journal of Statistical Physics, 172 (1)*: 175-207. DOI: [10.1007/s10955-018-2013-1](https://doi.org/10.1007/s10955-018-2013-1)

**Eldon, B.**; **Stephan, W.** (2018). Evolution of highly fecund haploid populations. *Theoretical Population Biology, 119*: 48-56. DOI: [10.1016/j.tpb.2017.10.002](https://doi.org/10.1016/j.tpb.2017.10.002)

**Ferner, K.** (2018). Skin structure in newborn marsupials with focus on cutaneous gas exchange. *Journal of Anatomy, 233 (3)*: 311-327. DOI: [10.1111/joa.12843](https://doi.org/10.1111/joa.12843)

**Ferrero, S**.; Angel, R. (2018). Micropetrology: Are Inclusions Grains of Truth?. *Journal of Petrology, 59 (9)*: 1671–1700. DOI: [10.1093/petrology/egy075](https://doi.org/10.1093/petrology/egy075" \t "_blank)

**Ferrero, S.;** Godard, G.; Palmeri, R.; Wunder, B.; Cesare, B. (2018). Partial melting of ultramafic granulites from Dronning Maud Land, Antarctica: Constraints from melt inclusions and thermodynamic modeling. *American Mineralogist, 103 (4)*: 610-622. DOI: [10.2138/am-2018-6214](https://doi.org/10.2138/am-2018-6214" \t "_blank)

**Ferrero, S.;** O’Brien, P.; Borghini, A.; Wunder, B.; Wälle, M.; Günter, C.; Ziemann, M. (2018). A treasure chest full of nanogranitoids: an archive to investigate crustal melting in the Bohemian Massif. *Special Publications*: SP478.19. DOI: [10.1144/sp478.19](https://doi.org/10.1144/sp478.19" \t "_blank)

**Foster, W.**; Lehrmann, D.; Yu, M.; Ji, L.; Martindale, R. (2018). Persistent Environmental Stress Delayed the Recovery of Marine Communities in the Aftermath of the Latest Permian Mass Extinction. *Paleoceanography and Paleoclimatology, 33 (4)*: 338-353. DOI: [10.1002/2018pa003328](https://doi.org/10.1002/2018pa003328)

Frantz, L.; Rudzinski, A.; Nugraha, A.; Evin, A.; Burton, J.; Hulme-Beaman, A.; Linderholm, A.; Barnett, R.; Vega, R.; Irving-Pease, E.; Haile, J.; Allen, R.; Leus, K.; Shephard, J.; Hillyer, M.; Gillemot, S.; Van Den Hurk, J.; Ogle, S.; Atofanei, C.; Thomas, M.; Johansson, F.; Mustari, A.; Williams, J.; Mohamad, K.; Damayanti, C.; Wiryadi, I.; Obbles, D.; Mona, S.; Day, H.; Yasin, M.; Meker, S.; Mcguire, J.; Evans, B.; **Von Rintelen, T.**; Ho, S.; Searle, J.; Kitchener, A.; Macdonald, A.; Shaw, D.; Hall, R.; Galbusera, P.; Larson, G. (2018). Synchronous diversification of Sulawesi's iconic artiodactyls driven by recent geological events. *Proceedings of the Royal Society B: Biological Sciences, 258 (1876)*: 20172566. DOI: [10.1098/rspb.2017.2566](https://doi.org/10.1098/rspb.2017.2566" \t "_blank)

Frey, L.; Rücklin, M.; **Korn, D.**; Klug, C. (2018). Late Devonian and Early Carboniferous alpha diversity, ecospace occupation, vertebrate assemblages and bio-events of southeastern Morocco. *Palaeogeography, Palaeoclimatology, Palaeoecology, 496*: 1-17. DOI: [10.1016/j.palaeo.2017.12.028](https://doi.org/10.1016/j.palaeo.2017.12.028" \t "_blank)

Gebhard, U.; Lindner, M.; Lude, A.; Möller, A.; **Moormann, A.**; Retzlaff-Fürst, C.; Scheersoi, A.; Wilde, M. (2018). Neue Arbeitsgruppe „Außerschulisches Biologielernen“ ‐ Biologiedidaktik. *Biologie in unserer Zeit, 48 (1)*: 18-19. DOI: [10.1002/biuz.201870109](https://doi.org/10.1002/biuz.201870109" \t "_blank)

**Geschke, J.**; Cazelles, K.; Bartomeus, I. (2018). rcites: An R package to access the CITES Speciesplus database. *Journal of Open Source Software*: 1091. DOI: [10.21105/joss.01091](https://doi.org/10.21105/joss.01091" \t "_blank)

Gilasian, E.; **Ziegler, J.**; Parchami-Araghi, M. (2018). Review of the genus Trichactia Stein (Diptera: Tachinidae) in the Palaearctic Region, with the description of a new species from Iran and the East Mediterranean. *Zootaxa, 4526 (2)*: 207-220. DOI: [10.11646/zootaxa.4526.2.6](https://doi.org/10.11646/zootaxa.4526.2.6" \t "_blank)

**Grau, J.**; Hackl, T.; Koepfli, K.; Hofreiter, M. (2018). Improving draft genome contiguity with reference-derived in silico mate-pair libraries. *GigaScience, 7 (5)*: 1-6. DOI: [10.1093/gigascience/giy029](https://doi.org/10.1093/gigascience/giy029" \t "_blank)

Grözinger, F.; Feldhaar, H.; Thein, J.; **Rödel, M.-O.** (2018). Testing the impact of environmental conditions and matriline on tadpole developmental traits in the european common frog, rana temporaria, in the field. *Salamandra, 54 (3)*: 201-209

**Günther, R.**; Richards, S.; Tjaturadi, B. (2018). Two new frog species from the Foja Mountains in north­ western New Guinea (Amphibia, Anura, Micro hylidae). *Vertebrate Zoology, 68 (2)*: 109-122

**Hamann, C.**; Bläsing, S.; **Hecht, L.**; Schäffer, S.; Deutsch, A.; Osterholz, J.; Lexow, B. (2018). The reaction of carbonates in contact with laser-generated, superheated silicate melts: Constraining impact metamorphism of carbonate-bearing target rocks. *Meteoritics & Planetary Science, 53 (8)*: 1644-1686. DOI: [10.1111/maps.13133](https://doi.org/10.1111/maps.13133" \t "_blank)

**Hamann, C.**; Fazio, A.; Ebert, M.; **Hecht, L.**; Wirth, R.; Folco, L.; Deutsch, A.; **Reimold, U**. (2018). Silicate liquid immiscibility in impact melts. *Meteoritics & Planetary Science, 53 (8)*: 1594-1632. DOI: [10.1111/maps.12907](https://doi.org/10.1111/maps.12907" \t "_blank)

**Haridy, Y.** (2018). Histological analysis of post-eruption tooth wear adaptations, and ontogenetic changes in tooth implantation in the acrodontan squamate Pogona vitticeps. *PeerJ*: e5923. DOI: [10.7717/peerj.5923](https://doi.org/10.7717/peerj.5923)

Hecker, S.; Bonney, R.; Haklay, M.; Hölker, F.; Hofer, H.; **Goebel, C.**; **Gold, M.**; Makuch, Z.; Ponti, M.; Richter, A.; Robinson, L.; Iglesias, J.; Owen, R.; Peltola, T.; Sforzi, A.; Shirk, J.; **Vogel, J.**; **Vohland, K.**; Witt, T.; Bonn, A. (2018). Innovation in Citizen Science – Perspectives on Science-Policy Advances. *Citizen Science: Theory and Practice, 3 (1)*: 1-14. DOI: [10.5334/cstp.114](https://doi.org/10.5334/cstp.114)

Heikkilä, M.; Brown, J.; Baixeras, J.; **Mey, W.**; Kozlov, M. (2018). Re-examining the rare and the lost: a review of fossil Tortricidae (Lepidoptera). *Zootaxa, 4394 (1)*: 41-61. DOI: [10.11646/zootaxa.4394.1.2](https://doi.org/10.11646/zootaxa.4394.1.2" \t "_blank)

Heiland, S.; Bartz, R.; **Schliep, R.**; **Schäffler, L.**; Dziock, S.; Radtke, L.; Trautmann, S.; Kowarik, I.; Dziock, F.; Sudfeldt, C.; Sukopp, U. (2018). Indikatoren zur Darstellung von Auswirkungen des Klimawandels auf die biologische Vielfalt in Deutschland. *Natur und Landschaft, 93 (1)*: 2-13. DOI: [10.17433/1.2018.50153533.2-13](https://doi.org/10.17433/1.2018.50153533.2-13)

Heindel, K.; **Foster, W.**; Richoz, S.; Birgel, D.; Roden, V.; Baud, A.; Brandner, R.; Krystyn, L.; Mohtat, T.; Koşun, E.; Twitchett, R.; Reitner, J.; Peckmann, J. (2018). The formation of microbial-metazoan bioherms and biostromes following the latest Permian mass extinction. *Gondwana Research, 61*: 187-202. DOI: [10.1016/j.gr.2018.05.007](https://doi.org/10.1016/j.gr.2018.05.007" \t "_blank)

Herbig, H.; Salamon, M.; Amler, M.; Buchholz, P.; **Korn, D.**; Luppold, F.; Menning, M.; Nesbor, H.; Schneider, J.; **Schultka, S.**; Weller, H.; Weyer, D.; Wrede, V. (2018). Das Karbon in der Stratigraphischen Tabelle von Deutschland 2016 ‐ The Carboniferous in the Stratigraphic Table of Germany 2016. *Zeitschrift der Deutschen Gesellschaft für Geowissenschaften, 168 (4)*: 483-502. DOI: [10.1127/zdgg/2017/0133](https://doi.org/10.1127/zdgg/2017/0133" \t "_blank)

**Hilgers, L.**; Hartmann, S.; Hofreiter, M.; **Von Rintelen, T.** (2018). Novel Genes, Ancient Genes, and Gene Co-Option Contributed to the Genetic Basis of the Radula, a Molluscan Innovation. *Molecular Biology and Evolution, 35 (7)*: 1638-1652. DOI: [10.1093/molbev/msy052](https://doi.org/10.1093/molbev/msy052)

**Hofmann, R.**; **Tietje, M.**; **Aberhan, M.** (2018). Diversity partitioning in Phanerozoic benthic marine communities. *Proceedings of the National Academy of Sciences, 116*: 201814487. DOI: [10.1073/pnas.1814487116](https://doi.org/10.1073/pnas.1814487116" \t "_blank)

Holwerda, F.; **Díez Díaz, V.**; Blanco, A.; Montie, R.; Reumer, J. (2018). Late Cretaceous sauropod tooth morphotypes may provide supporting evidence for faunal connections between North Africa and Southern Europe. *PeerJ*: e5925. DOI: [10.7717/peerj.5925](https://doi.org/10.7717/peerj.5925" \t "_blank)

Iannuzzi, R.; Neregato, R.; Cisneros, J.; Angielczyk, K.; Rößler, R.; Rohn, R.; Marsicano, C.; **Fröbisch, J.**; Fairchild, T.; Smith, R.; Kurzawe, F.; Richter, M.; Langer, M.; Tavares, T.; Kammerer, C.; Conceição, D.; Pardo, J.; Roesler, G. (2018). Re-evaluation of the Permian macrofossils from the Parnaíba Basin: biostratigraphic, palaeoenvironmental and palaeogeographical implications. *Special Publications, 472*: 223-249. DOI: [10.1144/sp472.14](https://doi.org/10.1144/sp472.14)

Jahnke, C.; Wannous, M.; Troeger, U.; **Falk, M.**; **Struck, U.** (2018). Impact of seawater intrusion and disposal of desalinization brines on groundwater quality in El Gouna, Egypt, Red Sea Area. Process analyses by means of chemical and isotopic signatures. *Applied Geochemistry, 100*: 64-76. DOI: [10.1016/j.apgeochem.2018.11.001](https://doi.org/10.1016/j.apgeochem.2018.11.001)

Jensen, J.; Payseur, B.; **Stephan, W.**; Aquadro, C.; Lynch, M.; Charlesworth, D.; Charlesworth, B. (2018). The importance of the Neutral Theory in 1968 and 50 years on: A response to Kern and Hahn 2018 ‐ COMMENTARY. *Evolution, 73 (1)*: 111-114. DOI: [10.1111/evo.13650](https://doi.org/10.1111/evo.13650)

Jepson, J.; Khramov, A.; **Ohl, M.** (2018). New Mesomantispinae (Insecta: Neuroptera: Mantispidae) from the Jurassic of Karatau, Kazakhstan. *Zootaxa, 4402 (3)*: 563. DOI: [10.11646/zootaxa.4402.3.9](https://doi.org/10.11646/zootaxa.4402.3.9)

Jepson, J.; Khramov, A.; **Ohl, M.** (2018). A substitute name for a genus of fossil mantispid (Insecta: Neuroptera: Mesomantispinae) from the Jurassic of Kazakhstan. *Zootaxa, 4455 (2)*: 400. DOI: [10.11646/zootaxa.4455.2.10](https://doi.org/10.11646/zootaxa.4455.2.10" \t "_blank)

Jung, T.; **Coleman, O.**; Kim, J.; Yoon, S. (2018). First records of the uristid lysianassoids from Korean waters: redescription of Anonyx abei Takekawa & Ishimaru, 2001 and description of Anonyx exilipes sp. n. (Crustacea, Amphipoda, Uristidae). *ZooKeys, 733*: 99-117. DOI: [10.3897/zookeys.733.22021](https://doi.org/10.3897/zookeys.733.22021)

Kaeter, D.; Ziemann, M.; Böttger, U.; Weber, I.; **Hecht, L.**; Voropaev, S.; Korochantsev, A.; Kocherov, A. (2018). The Chelyabinsk meteorite: New insights from a comprehensive electron microscopy and Raman spectroscopy study with evidence for graphite in olivine of ordinary chondrites. *Meteoritics & Planetary Science, 53 (3)*: 416-432. DOI: [10.1111/maps.13027](https://doi.org/10.1111/maps.13027)

Kajihara, H.; Tamura, K.; **Yamasaki, H.** (2018). Interstitial hoplonemertean Ototyphlonemertes norenburgi (Nemertea: Monostilifera) from Okinawa, Japan.. *Fauna Ryukyuana*: 1-3

**Kaufmann, F.**; Vukmanovic, Z.; Holness, M.; **Hecht, L.** (2018). Orthopyroxene oikocrysts in the MG1 chromitite layer of the Bushveld Complex: implications for cumulate formation and recrystallisation. *Contributions to Mineralogy and Petrology, 173 (2)*: 1-20. DOI: [10.1007/s00410-018-1441-x](https://doi.org/10.1007/s00410-018-1441-x)

Kaya, F.; **Bibi, F.**; Žliobaitė, I.; Eronen, J.; Hui, T.; Fortelius, M. (2018). The rise and fall of the Old World savannah fauna and the origins of the African savannah biome. *Nature Ecology & Evolution, 2*: 241-246. DOI: [10.1038/s41559-017-0414-1](https://doi.org/10.1038/s41559-017-0414-1" \t "_blank)

Kenkmann, T.; Deutsch, A.; Thoma, K.; Ebert, M.; Poelchau, M.; Buhl, E.; Carl, E.; Danilewsky, A.; Dresen, G.; Dufresne, A.; Durr, N.; Ehm, L.; Grosse, C.; Gulde, M.; **Güldemeister, N.**; **Hamann, C.**; **Hecht, L.**; Hiermaier, S.; Hoerth, T.; Kowitz, A.; Langenhorst, F.; Lexow, B.; Liermann, H.; **Luther, R.**; Mansfeld, U.; Moser, D.; Raith, M.; Reimold, W.; Sauer, M.; Schäfer, F.; **Schmitt, R.**; Sommer, F.; Wilk, J.; Winkler, R.; **Wünnemann, K.** (2018). Experimental impact cratering: A summary of the major results of the MEMIN research unit. *Meteoritics & Planetary Science, 53 (8)*: 1543-1568. DOI: [10.1111/maps.13048](https://doi.org/10.1111/maps.13048)

Kiessling, W.; **Schobben, M.**; Ghaderi, A.; Hairapetian, V.; **Leda, L.**; **Korn, D.** (2018). Pre–mass extinction decline of latest Permian ammonoids. *Geology, 46 (3)*: 283-286. DOI: [10.1130/g39866.1](https://doi.org/10.1130/g39866.1" \t "_blank)

Klug, C.; Samankassou, E.; Pohle, A.; De Baets, K.; Franchi, F.; **Korn, D.** (2018). Oases of biodiversity: Early Devonian palaeoecology at Hamar Laghdad, Morocco. *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen, 290 (1-3)*: 9-48. DOI: [10.1127/njgpa/2018/0772](https://doi.org/10.1127/njgpa/2018/0772" \t "_blank)

Kocian, M.; **Schülke, M.** (2018). New species and records of Ischnosoma Stephens (Coleoptera: Staphylinidae: Tachyporinae) from Nepal. *Zootaxa, 4442 (4)*: 501. DOI: [10.11646/zootaxa.4442.4.1](https://doi.org/10.11646/zootaxa.4442.4.1)

**Korn, D.**; Bockwinkel, J.; Ebbighausen, V. (2018). Middle Famennian (Late Devonian) ammonoids from the Anti-Atlas of Morocco. 4. Costaclymenia. *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen, 289 (1)*: 35-41. DOI: [10.1127/njgpa/2018/0748](https://doi.org/10.1127/njgpa/2018/0748)

**Korn, D.**; Price, J. (2018). The genus Sellaclymenia in Europe (Ammonoidea, Late Devonian). *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen, 288 (2)*: 227-233. DOI: [10.1127/njgpa/2018/0735](https://doi.org/10.1127/njgpa/2018/0735)

**Korn, D.**; Price, J.; Weyer, D. (2018). The genus Costaclymenia in Europe (Ammonoidea, Late Devonian). *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen, 287 (3)*: 249-260. DOI: [10.1127/njgpa/2018/0716](https://doi.org/10.1127/njgpa/2018/0716)

**Korn, D.**; Price, J.; Weyer, D. (2018). Case 3759–Conservation of Costaclymenia Schindewolf, 1920 and Costaclymeniidae Ruzhencev, 1957 by proposed designation of a neotype for Goniatites binodosus Münster, 1832 (Mollusca, Cephalopoda, Ammonoidea). *The Bulletin of Zoological Nomenclature, 75 (1)*: 142-145. DOI: [10.21805/bzn.v75.a030](https://doi.org/10.21805/bzn.v75.a030)

Kossovaya, O.; Weyer, D. (2018). Lopingian corals from the Omolon Massif (Eastern Siberia), the northernmost Permian boreal Rugosa community. *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen, 287 (2)*: 167-194. DOI: [10.1127/njgpa/2018/0711](https://doi.org/10.1127/njgpa/2018/0711)

Kouamé, N.; Tohe, B.; Assemian, N.; Gourene, G.; **Rödel, M.-O.** (2018). Spatio-temporal distribution of five species of West African leaf-litter frogs. *Salamandra, 54 (1)*: 21-29

Kpan, T.; Kouamé, N.; Barej, M.; Adeba, P.; **Emmrich, M.**; Ofori-Boateng, C.; **Rödel, M.-O.** (2018). A new Puddle Frog, genus Phrynobatrachus (Amphibia: Anura: Phrynobatrachidae), from the eastern part of the Upper Guinea ‐ biodiversity hotspot, West Africa. *Zootaxa, 4388 (2)*: 221. DOI: [10.11646/zootaxa.4388.2.5](https://doi.org/10.11646/zootaxa.4388.2.5" \t "_blank)

**Lasseck, M.** (2018). Machines vs. Human Experts: Contribution to the ExpertLifeCLEF 2018 Plant Identification Task. *CEUR Workshop Proceedings*: 1-6

Lautenschlager, S.; Ferreira, G.; **Werneburg, I.** (2018). Sensory Evolution and Ecology of Early Turtles Revealed by Digital Endocranial Reconstructions. *Frontiers in Ecology and Evolution, 6 (7)*: 1-16. DOI: [10.3389/fevo.2018.00007](https://doi.org/10.3389/fevo.2018.00007" \t "_blank)

Leroy, S.; Chalié, F.; Wesselingh, F.; Sanjani, M.; Lahijani, H.; Athersuch, J.; **Struck, U.**; Plunkett, G.; Reimer, P.; Habibi, P.; Kabiri, K.; Haghani, S.; Naderi Beni, A.; Arpe, K. (2018). Multi-proxy indicators in a Pontocaspian system: a depth transect of surface sediment in the SE Caspian Sea. *Geologica Belgica, 21 (3-4)*: 143. DOI: [10.20341/gb.2018.008](https://doi.org/10.20341/gb.2018.008)

**Lippert, I.** (2018). On Not Muddling Lunches and Flights. *Science and Technology Studies, 31 (4)*: 52-74. DOI: [10.23987/sts.66209](https://doi.org/10.23987/sts.66209" \t "_blank)

**Lippert, I.**; Verran, H. (2018). After Numbers? Innovations in Science and Technology Studies’ Analytics of Numbers and Numbering. *Science and Technology Studies, 31 (4)*: 2-12. DOI: [10.23987/sts.76416](https://doi.org/10.23987/sts.76416)

Liu, H.; Russell, S.; **Vogel, J.**; Schneider, H. (2018). Inferring the potential of plastid DNA-based identification of derived ferns: a case study on the Asplenium trichomanes aggregate in Europe. *Plant Systematics and Evolution, 304 (8)*: 1009–1022. DOI: [10.1007/s00606-018-1529-9](https://doi.org/10.1007/s00606-018-1529-9)

Liu, J.; Lerosey-Aubril, R.; Steiner, M.; **Dunlop, J.**; Shu, D.; Paterson, J. (2018). Origin of raptorial feeding in juvenile euarthropods revealed by a Cambrian radiodontan. *National Science Review, 5 (6)*: 863-869. DOI: 10.1093/nsr/nwy057

Liu, J.; Steiner, M.; **Dunlop, J.**; Shu, D. (2018). Microbial decay analysis challenges interpretation of putative organ systems in Cambrian fuxianhuiids. *Proceedings of the Royal Society B: Biological Sciences, 285 (1876)*: 1-10. DOI: [10.1098/rspb.2018.0051](https://doi.org/10.1098/rspb.2018.0051" \t "_blank)

Lowe, E.; Garm, A.; **Ullrich-Lüter, E.**; Cuomo, C.; Arnone, M. (2018). The crowns have eyes: multiple opsins found in the eyes of the crown-of-thorns starfish Acanthaster planci. *BMC Evolutionary Biology, 18*: 1-12. DOI: [10.1186/s12862-018-1276-0](https://doi.org/10.1186/s12862-018-1276-0)

Lukhaup, C.; Eprilurahman, R.; **Von Rintelen, T.** (2018). Two new species of crayfish of the genus Cherax from Indonesian New Guinea (Crustacea, Decapoda, Parastacidae). *ZooKeys*: 89-116. DOI: [10.3897/zookeys.769.26095](https://doi.org/10.3897/zookeys.769.26095)

Lukic-Walther, M.; **Brocklehurst, N.**; Kammerer, C.; **Fröbisch, J.** (2018). Diversity patterns of nonmammalian cynodonts (Synapsida, Therapsida) and the impact of taxonomic practice and research history on diversity estimates. *Paleobiology*: 1-14. DOI: [10.1017/pab.2018.38](https://doi.org/10.1017/pab.2018.38)

**Luther, R.**; Zhu, M.; Collins, G.; **Wünnemann, K.** (2018). Effect of target properties and impact velocity on ejection dynamics and ejecta deposition. *Meteoritics & Planetary Science, 53 (8)*: 1705-1732. DOI: [10.1111/maps.13143](https://doi.org/10.1111/maps.13143" \t "_blank)

Lu, X.; Wang, B.; **Ohl, M.**; Liu, X. (2018). The first green lacewing (Insecta: Neuroptera: Chrysopidae) from the mid-Cretaceous amber of Myanmar. *Zootaxa, 4399 (4)*: 563–570. DOI: [10.11646/zootaxa.4399.4.6](https://doi.org/10.11646/zootaxa.4399.4.6" \t "_blank)

**Macdougall, M.**; Modesto, S.; **Brocklehurst, N.**; **Verrière, A.**; Reisz, R.; **Fröbisch, J.** (2018). Commentary: A Reassessment of the Taxonomic Position of Mesosaurs, and a Surprising Phylogeny of Early Amniotes. *Frontiers in Earth Science, 6*: 1-5. DOI: [10.3389/feart.2018.00099](https://doi.org/10.3389/feart.2018.00099)

Mageski, M.; **Varela, S.**; Roper, J. (2018). Consequences of dispersal limitation and habitat fragmentation for the Brazilian heart-tongued frogs (Phyllodytes spp.). *Austral Ecology, 43 (5)*: 547-557. DOI: [10.1111/aec.12591](https://doi.org/10.1111/aec.12591" \t "_blank)

Mannion, P.; Upchurch, P.; **Schwarz, D.**; Wings, O. (2018). Taxonomic affinities of the putative titanosaurs from the Late Jurassic Tendaguru Formation of Tanzania: phylogenetic and biogeographic implications for eusauropod dinosaur evolution. *Zoological Journal of the Linnean Society*: 784-909. DOI: [10.1093/zoolinnean/zly068](https://doi.org/10.1093/zoolinnean/zly068)

Menning, M.; Glodny, J.; Brocke, R.; Jansen, U.; Schindler, E.; Weyer, D. (2018). Die Devon-Zeitskala der Stratigraphischen Tabelle von Deutschland 2016 (STD 2016). *Zeitschrift der Deutschen Gesellschaft für Geowissenschaften*: 465-482. DOI: [10.1127/zdgg/2017/0151](https://doi.org/10.1127/zdgg/2017/0151)

**Mey, W.** (2018). Oinophila v-flava (Haworth, 1828) und Blastobasis desertarum (Wollaston, 1858): Dauergäste in einem Berliner Gartenbaubetrieb (Lepidoptera, Tineidae, Blastobasidae). *Märkische Entomologische Nachrichten (1)*: 79-86.

**Mey, W.** (2018). Dukearbela translucens gen. nov., spec. nov. – a remarkable taxon from South Africa. *Metamorphosis*: 11 – 13

**Mey, W.** (2018). Vansoniella chirindensis gen. n., sp. n. – an unusual taxon with translucent wings from Zimbabwe (Lepidoptera, Limacodidae). *Deutsche Entomologische Zeitschrift, 65 (1)*: 75-80. DOI: [10.3897/dez.65.23538](https://doi.org/10.3897/dez.65.23538)

**Mey, W.**; Ospina-Torres, R. (2018). Contribution to the Trichoptera fauna of the river La Vieja, Bogotá, Colombia (Insecta: Trichoptera). *Zootaxa, 4504 (1)*: 23-40. DOI: [10.11646/zootaxa.4504.1.2](https://doi.org/10.11646/zootaxa.4504.1.2)

**Mey, W.**; Wichard, W.; Müller, P.; Ross, E.; Ross, A. (2018). New taxa of Tarachoptera from Burmese amber (Insecta, Amphiesmenoptera). *Cretaceous Research, 90*: 154-162. DOI: [10.1016/j.cretres.2018.04.006](https://doi.org/10.1016/j.cretres.2018.04.006)

**Mey, W.**; Wichard, W.; Ross, E.; Ross, A. (2018). On the systematic position of a highly derived amphiesmenopteran insect from Burmese amber (Insecta, Amphiesmenoptera). *Earth and Environmental Science Transactions of The Royal Society of Edinburgh, 107 (2-3)*: 249-254. DOI: [10.1017/s1755691017000330](https://doi.org/10.1017/s1755691017000330" \t "_blank)

Mielke, M.; Wölfer, J.; Arnold, P.; Van Heteren, A.; **Amson, E.**; Nyakatura, J. (2018). Trabecular architecture in the sciuromorph femoral head: allometry and functional adaptation. *Zoological Letters, 4*: 1-11. DOI: [10.1186/s40851-018-0093-z](https://doi.org/10.1186/s40851-018-0093-z" \t "_blank)

**Mohr-Westheide, T.**; **Greshake, A.**; Wirth, R.; Reimold, W. (2018). Transmission electron microscopy of impact-generated platinum group element alloys from Barberton spherule layers: New clues to their formation. *Meteoritics & Planetary Science, 53 (7)*: 1516-1536. DOI: [10.1111/maps.13109](https://doi.org/10.1111/maps.13109)

Montañez-Rivera, I.; Nyakatura, J.; **Amson, E.** (2018). Bone cortical compactness in ‘tree sloths’ reflects convergent evolution. *Journal of Anatomy, 233 (5)*: 1-12. DOI: [10.1111/joa.12873](https://doi.org/10.1111/joa.12873" \t "_blank)

Morales, J.; Peláez-Campomanes, P.; Pérez, P.; Alberdi, M.; Azanza, B.; Pickford, M.; Ríos, M.; Sanisidro, O.; Alcalde, G.; Cantalapiedra, J.; Fraile, S.; García-Yelo, B.; Gómez-Cano, A.; Hernández-Ballarín, V.; Oliver, A.; Cantero, E.; Valenciano, A.; Montoya, P. (2018). Neogene Mammal Sites in Molina de Aragón (Guadalajara, Spain): Correlation to Other Karstic Sites of the Iberian Chain, and their Geoheritage Values. *Geoheritage, 10 (3)*: 353-362. DOI: [10.1007/s12371-018-0294-z](https://doi.org/10.1007/s12371-018-0294-z)

Moreau, J.; Kohout, T.; **Wünnemann, K.** (2018). Melting efficiency of troilite-iron assemblages in shock-darkening: Insight from numerical modeling. *Physics of the Earth and Planetary Interiors, 282*: 25-38. DOI: [10.1016/j.pepi.2018.06.006](https://doi.org/10.1016/j.pepi.2018.06.006" \t "_blank)

**Müller, J.**; Roberts, E.; Naylor, E.; Stevens, N. (2018). A Fossil Gekkotan (Squamata) from the Late Oligocene Nsungwe Formation, Rukwa Rift Basin, Tanzania. *Journal of Herpetology, 52 (2)*: 223-227. DOI: [10.1670/17-123](https://doi.org/10.1670/17-123" \t "_blank)

Ndongo, P.; **Von Rintelen, T.**; Albrecht, C.; Tamesse, J.; Cumberlidge, N. (2018). Lost species in Cameroon: rediscovery of the endangered freshwater crab, Louisea balssi (Bott, 1959) (Brachyura: Potamonautidae), with notes on its ecology and conservation. *Zootaxa, 4394 (3)*: 407–416. DOI: [10.11646/zootaxa.4394.3.6](https://doi.org/10.11646/zootaxa.4394.3.6)

**Neumann, C.**; Girod, P. (2018). Weitschataster intermedius gen. et sp. nov., a goniasterid starfish (Echinodermata: Asteroidea) from the Upper Cretaceous of Germany. *PalZ, 92 (3)*: 425-433. DOI: [10.1007/s12542-018-0404-x](https://doi.org/10.1007/s12542-018-0404-x)

**Neumann, C.**; **Hampe, O.** (2018). Eggs for breakfast? Analysis of a probable mosasaur biting trace on the Cretaceous echinoid Echinocorys ovata Leske, 1778. *Fossil Record, 21 (1)*: 55-66. DOI: [10.5194/fr-21-55-2018](https://doi.org/10.5194/fr-21-55-2018)

Nojiri, T.; **Werneburg, I.**; Son, N.; Tu, V.; Sasaki, T.; Maekawa, Y.; Koyabu, D. (2018). Prenatal cranial bone development of Thomas's horseshoe bat (Rhinolophus thomasi): with special reference to petrosal morphology. *Journal of Morphology, 279 (6)*: 809-827. DOI: [10.1002/jmor.20813](https://doi.org/10.1002/jmor.20813" \t "_blank)

Nopper, J.; Riemann, J.; Brinkmann, K.; **Rödel, M.-O.**; Ganzhorn, J. (2018). Differences in land cover – biodiversity relationships complicate the assignment of conservation values in human-used landscapes. *Ecological Indicators, 90*: 112-119. DOI: [10.1016/j.ecolind.2018.02.004](https://doi.org/10.1016/j.ecolind.2018.02.004)

Nützel, A.; **Ware, D.**; Bucher, H.; Hautmann, M.; Roohi, G.; Ur-Rehman, K.; Yaseen, A. (2018). An Early Triassic (Dienerian) microgastropod assemblage from the Salt Range, Pakistan and its implication for gastropod recovery from the end-Permian mass extinction. *Bulletin of Geosciences, 93 (1)*: 56-70. DOI: [10.3140/bull.geosci.1682](https://doi.org/10.3140/bull.geosci.1682" \t "_blank)

Ofori-Boateng, C.; Leaché, A.; Obeng-Kankam, B.; Kouamé, N.; Hillers, A.; **Rödel, M.-O.** (2018). A new species of Puddle Frog, genus Phrynobatrachus (Amphibia: Anura: Phrynobatrachidae) from Ghana. *Zootaxa, 4374 (4)*: 565–578. DOI: [10.11646/zootaxa.4374.4.6](https://doi.org/10.11646/zootaxa.4374.4.6)

Ollonen, J.; Da Silva, F.; **Mahlow, K.**; Di-Poï, N. (2018). Skull Development, Ossification Pattern, and Adult Shape in the Emerging Lizard Model Organism Pogona vitticeps: A Comparative Analysis With Other Squamates. *Frontiers in Physiology, 9 (278)*: 1-26. DOI: [10.3389/fphys.2018.00278](https://doi.org/10.3389/fphys.2018.00278)

Ospina-Torres, R.; **Mey, W.**; Jaime-Murcia, P. (2018). Two new orthoclad species from Colombian Andes (Diptera: Chironomidae). *Zootaxa, 4472 (2)*: 385. DOI: [10.11646/zootaxa.4472.2.11](https://doi.org/10.11646/zootaxa.4472.2.11" \t "_blank)

**Petersen, M.**; **Glöckler, F.**; Kiessling, W.; Döring, M.; Fichtmüller, D.; Laphakorn, L.; **Baltruschat, B.**; **Hoffmann, J.** (2018). History and development of ABCDEFG: a data standard for geosciences. *Fossil Record, 21 (1)*: 47-53. DOI: [10.5194/fr-21-47-2018](https://doi.org/10.5194/fr-21-47-2018)

**Pimiento, C.**; Tang, K.; Zamora, S.; Klug, C.; Sánchez-Villagra, M. (2018). Assessing canalisation of intraspecific variation on a macroevolutionary scale: the case of crinoid arms through the Phanerozoic. *PeerJ, 6*: e4899. DOI: [10.7717/peerj.4899](https://doi.org/10.7717/peerj.4899" \t "_blank)

Portillo, F.; Branch, W.; Conradie, W.; **Rödel, M.-O.**; **Penner, J.**; Barej, M.; Kusamba, C.; Muninga, W.; Aristote, M.; Bauer, A.; Trape, J.; Nagy, Z.; Carlino, P.; Pauwels, O.; Menegon, M.; Burger, M.; Mazuch, T.; Jackson, K.; Hughes, D.; Behangana, M.; Zassi-Boulou, A.; Greenbaum, E. (2018). Phylogeny and biogeography of the African burrowing snake subfamily Aparallactinae (Squamata: Lamprophiidae). *Molecular Phylogenetics and Evolution, 127*: 288-303. DOI: [10.1016/j.ympev.2018.03.019](https://doi.org/10.1016/j.ympev.2018.03.019" \t "_blank)

Prieur, N.; Rolf, T.; **Wünnemann, K.**; Werner, S. (2018). Formation of Simple Impact Craters in Layered Targets: Implications for Lunar Crater Morphology and Regolith Thickness. *Journal of Geophysical Research: Planets, 123 (6)*: 1555-1578. DOI: [10.1029/2017je005463](https://doi.org/10.1029/2017je005463" \t "_blank)

Quicke, D.; **Koch, F.**; Broad, G.; Bennett, A.; Van Noort, S.; Hebert, P.; Butcher, B. (2018). A new species of Rhytimorpha Szépligeti (Hymenoptera: Braconidae: Braconinae) from Israel. *Zoology in the Middle East, 64 (3)*: 1-9. DOI: [10.1080/09397140.2018.1470301](https://doi.org/10.1080/09397140.2018.1470301)

Ramming, M.; **Korn, D.**; **Klein, C.**; Klug, C. (2018). Morphology of the Early Jurassic Arietitidae and the effects of syn vivo serpulid infestations. *Fossil Record, 21 (1)*: 67-77. DOI: [10.5194/fr-21-67-2018](https://doi.org/10.5194/fr-21-67-2018" \t "_blank)

**Ramm, T.**; Cantalapiedra, J.; Wagner, P.; **Penner, J.**; **Rödel, M.-O.**; **Müller, J.** (2018). Divergent trends in functional and phylogenetic structure in reptile communities across Africa. *Nature Communications, 9 (4697)*: 1-10. DOI: [10.1038/s41467-018-07107-y](https://doi.org/10.1038/s41467-018-07107-y)

**Renaudie, J.**; Drews, E.; Böhne, S. (2018). The Paleocene record of marine diatoms in deep-sea sediments. *Fossil Record, 21 (2)*: 183-205. DOI: [10.5194/fr-21-183-2018](https://doi.org/10.5194/fr-21-183-2018)

Repstock, A.; **Heuer, F.**; Im, J.; Hübner, M.; Schulz, B.; Breitkreuz, C.; Gilbricht, S.; Fischer, F.; Lapp, M. (2018). A Late Paleozoic Snake River-type ignimbrite (Planitz vitrophyre) in the Chemnitz Basin, Germany: Textural and compositional evidence for complex magma evolution in an intraplate setting. *Journal of Volcanology and Geothermal Research*: 35-49. DOI: [10.1016/j.jvolgeores.2018.11.010](https://doi.org/10.1016/j.jvolgeores.2018.11.010" \t "_blank)

Richter, R.; Wessolek, D. (2018). Prototyping the future, reviving the past: Observations of two museums and their shared workshop approaches in the making. *Journal of Peer Production (12)*: 14-16

Ritsche, I.; Fahlke, J.; Wieder, F.; Hilger, A.; Manke, I.; **Hampe, O.** (2018). Relationships of cochlear coiling shape and hearing frequencies in cetaceans, and the occurrence of infrasonic hearing in Miocene Mysticeti. *Fossil Record, 21 (1)*: 33-45. DOI: [10.5194/fr-21-33-2018](https://doi.org/10.5194/fr-21-33-2018)

**Romano, M.**; **Brocklehurst, N.**; Manni, R.; Nicosia, U. (2018). Multiphase morphospace saturation in cyrtocrinid crinoids. *Lethaia, 51 (4)*: 538-546. DOI: [10.1111/let.12276](https://doi.org/10.1111/let.12276" \t "_blank)

**Rozzi, R.** (2018). Space-time patterns of body size variation in island bovids: The key role of predatory release. *Journal of Biogeography, 45 (5)*: 1196-1207. DOI: [10.1111/jbi.13197](https://doi.org/10.1111/jbi.13197" \t "_blank)

Rudolph, K.; **Coleman, O.**; Mamos, T.; Grabowski, M. (2018). Description and post-glacial demography of Gammarus jazdzewskii sp. nov. (Crustacea: Amphipoda) from Central Europe. *Systematics and Biodiversity, 16 (6)*: 587-603. DOI: [10.1080/14772000.2018.1470118](https://doi.org/10.1080/14772000.2018.1470118" \t "_blank)

**Sandberger-Loua, L.**; Doumbia, J.; **Rödel, M.-O.** (2018). The West African giant squeaker, Arthroleptis krokosua Ernst, Agyei & Rödel, 2008 (Amphibia: Anura: Arthroleptidae) recorded in Guinea. *Herpetology Notes, 11*: 271-273

**Sandberger-Loua, L.**; **Rödel, M.-O.**; Feldhaar, H. (2018). Gene-flow in the clouds: landscape genetics of a viviparous, montane grassland toad in the tropics. *Conservation Genetics, 19 (1)*: 169-180. DOI: [10.1007/s10592-017-1029-4](https://doi.org/10.1007/s10592-017-1029-4)

Sann, M.; Niehuis, O.; Peters, R.; Mayer, C.; Kozlov, A.; Podsiadlowski, L.; Bank, S.; Meusemann, K.; Misof, B.; Bleidorn, C.; **Ohl, M.** (2018). Phylogenomic analysis of Apoidea sheds new light on the sister group of bees. *BMC Evolutionary Biology, 18 (71)*: 1-15. DOI: [10.1186/s12862-018-1155-8](https://doi.org/10.1186/s12862-018-1155-8)

Santos, J.; Ferreira, R.; Millar, I.; **Hoch, H.** (2018). Conservation status and complementary description of Confuga persephone (Cixiidae): should this species be considered Threatened?. *New Zealand Journal of Zoology, 46 (1)*: 1-13. DOI: [10.1080/03014223.2018.1488751](https://doi.org/10.1080/03014223.2018.1488751)

Schannor, M.; Veksler, I.; **Hecht, L.**; Harris, C.; Romer, R.; Manyeruke, T. (2018). Small-scale Sr and O isotope variations through the UG2 in the eastern Bushveld Complex: The role of crustal fluids. *Chemical Geology, 485*: 100-112. DOI: [10.1016/j.chemgeo.2018.03.040](https://doi.org/10.1016/j.chemgeo.2018.03.040)

Schiller, M.; Bizzarro, M.; Fernandes, V. (2018). Isotopic evolution of the protoplanetary disk and the building blocks of Earth and the Moon. *Nature, 555*: 507-510. DOI: [10.1038/nature25990](https://doi.org/10.1038/nature25990)

**Schliep, R.**; Walz, U.; Sukopp, U.; Heiland, S. (2018). Indicators on the Impacts of Climate Change on Biodiversity in Germany - Data Driven or Meeting Political Needs?. *Sustainability, 10 (11)*: 3959. DOI: [10.3390/su10113959](https://doi.org/10.3390/su10113959)

**Schlüter, N.** (2018). Re-description of the lectotype of “Spatangus cortestudinarium Goldfuss, 1829” (Late Cretaceous) and its implications for the phylogeography of Micraster (Spatangoida, Echinoidea). *PalZ, 92 (3)*: 435-442. DOI: [10.1007/s12542-017-0392-2](https://doi.org/10.1007/s12542-017-0392-2)

Schoch, R.; **Witzmann, F.** (2018). Morphology of the Late Carboniferous temnospondyl Limnogyrinus elegans, and the evolutionary history of the Micromelerpetidae. *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen, 289 (3)*: 293-310. DOI: [10.1127/njgpa/2018/0762](https://doi.org/10.1127/njgpa/2018/0762)

**Siegert, S.**; **Hecht, L.** (2018). Heterogeneity of melts in impact deposits and implications for their origin (Ries suevite, Germany). *Meteoritics & Planetary Science*: 1-39. DOI: [10.1111/maps.13210](https://doi.org/10.1111/maps.13210)

Simon, E.; **Lüter, C.**; Logan, A.; Mottequin, B. (2018). Recent thecideide brachiopods (Thecideida, Thecideoidea) from northern Sulawesi (Indonesia) with discovery of a new Thecidellina species (Thecidellinidae). *Zootaxa, 4526 (4)*: 481-515. DOI: [10.11646/zootaxa.4526.4.4](https://doi.org/10.11646/zootaxa.4526.4.4)

Sinervo, B.; Miles, D.; Wu, Y.; Méndez-De La Cruz, F.; **Kirchhof, S.**; Qi, Y. (2018). Climate change, thermal niches, extinction risk and maternal-effect rescue of toad-headed lizards, Phrynocephalus, in thermal extremes of the Arabian Peninsula to the Qinghai-Tibetan Plateau. *Integrative Zoology, 13 (4)*: 450-470. DOI: [10.1111/1749-4877.12315](https://doi.org/10.1111/1749-4877.12315" \t "_blank)

Siyam, M.; **Dunlop, J.**; Jäger, P. (2018). Further spider records from the Republic of the Sudan. *Arachnology, 17 (6)*: 317–322

Snyman, L.; Sole, C.; **Ohl, M.** (2018). A revision of and keys to the genera of the Mantispinae of the Oriental and Palearctic regions (Neuroptera: Mantispidae). *Zootaxa, 4450 (5)*: 501. DOI: [10.11646/zootaxa.4450.5.1](https://doi.org/10.11646/zootaxa.4450.5.1)

Song, Z.; Malenovský, I.; Chen, J.; Deckert, J.; Liang, A. (2018). Taxonomic review of the planthopper genus Orthopagus (Hemiptera, Fulgoromorpha, Dictyopharidae), with descriptions of two new species. *Zoosystematics and Evolution, 94 (2)*: 369-391. DOI: [10.3897/zse.94.26859](https://doi.org/10.3897/zse.94.26859)

Sookias, R.; Passmore, S.; Atkinson, Q. (2018). Deep cultural ancestry and human development indicators across nation states. *Royal Society Open Science, 5 (4)*: 171411. DOI: [10.1098/rsos.171411](https://doi.org/10.1098/rsos.171411)

Stelbrink, B.; **Von Rintelen, T.**; Albrecht, C.; Clewing, C.; Naga, P. (2018). Forgotten for decades: Lake Lanao and the genetic assessment of its mollusc diversity. *Hydrobiologia*: 1-19. DOI: [10.1007/s10750-018-3666-0](https://doi.org/10.1007/s10750-018-3666-0" \t "_blank)

Strauß, L.; Faustino De Lima, R.; Riesbeck, F.; **Rödel, M.-O.** (2018). São Tomé Island Endemic Treefrogs (Hyperolius spp.) and Land-Use Intensification: A Tale of Hope and Caution. *Tropical Conservation Science, 11*: 1-14. DOI: [10.1177/1940082918776434](https://doi.org/10.1177/1940082918776434)

**Sturm, U.**; **Moormann, A.**; **Faber, A.** (2018). Mobile learning in environmental citizen science: An initial survey of current practice in Germany. *it - Information Technology, 60 (1)*: 3-9. DOI: [10.1515/itit-2017-0021](https://doi.org/10.1515/itit-2017-0021" \t "_blank)

Sudar, M.; Novak, M.; **Korn, D.**; Jovanović, D. (2018). Conodont biostratigraphy and microfacies of the Late Devonian to Mississippian Milivojevića Kamenjar section (Družetić, NW Serbia). *Bulletin of Geosciences, 93 (2)*: 163-183. DOI: [10.3140/bull.geosci.1690](https://doi.org/10.3140/bull.geosci.1690" \t "_blank)

**Sumner-Rooney, L.**; Rahman, I.; Sigwart, J.; **Ullrich-Lüter, E.** (2018). Whole-body photoreceptor networks are independent of ‘lenses’ in brittle stars. *Proceedings of the Royal Society B: Biological Sciences, 285 (1871)*: 20172590. DOI: [10.1098/rspb.2017.2590](https://doi.org/10.1098/rspb.2017.2590" \t "_blank)

**Sumner-Rooney, L.**; Sigwart, J. (2018). Do chitons have a brain? New evidence for diversity and complexity in the polyplacophoran central nervous system. *Journal of Morphology, 279 (7)*: 936-949. DOI: [10.1002/jmor.20823](https://doi.org/10.1002/jmor.20823" \t "_blank)

Thomson, S.; Pyle, R.; Ahyong, S.; Alonso-Zarazaga, M.; Ammirati, J.; Araya, J.; Ascher, J.; Audisio, T.; Azevedo-Santos, V.; Bailly, N.; Baker, W.; Balke, M.; Barclay, M.; Barrett, R.; Benine, R.; Bickerstaff, J.; Bouchard, P.; Bour, R.; Bourgoin, T.; Boyko, C.; Breure, A.; Brothers, D.; Byng, J.; Campbell, D.; Ceríaco, L.; Cernák, I.; Cerretti, P.; Chang, C.; Cho, S.; Copus, J.; Costello, M.; Cseh, A.; Csuzdi, C.; Culham, A.; D’Elía, G.; D’Udekem D’Acoz, C.; Daneliya, M.; Dekker, R.; Dickinson, E.; Dickinson, T.; Van Dijk, P.; Dijkstra, K.; Dima, B.; Dmitriev, D.; Duistermaat, L.; Dumbacher, J.; Eiserhardt, W.; Ekrem, T.; Evenhuis, N.; Faille, A.; Fernández-Triana, J.; Fiesler, E.; Fishbein, M.; Fordham, B.; Freitas, A.; Friol, N.; Fritz, U.; Frøslev, T.; Funk, V.; Gaimari, S.; Garbino, G.; Garraffoni, A.; Geml, J.; Gill, A.; Gray, A.; Grazziotin, F.; Greenslade, P.; Gutiérrez, E.; Harvey, M.; Hazevoet, C.; He, K.; He, X.; Helfer, S.; Helgen, K.; Van Heteren, A.; Hita Garcia, F.; Holstein, N.; Horváth, M.; Hovenkamp, P.; Hwang, W.; Hyvönen, J.; Islam, M.; Iverson, J.; Ivie, M.; Jaafar, Z.; Jackson, M.; Jayat, J.; Johnson, N.; Kaiser, H.; Klitgård, B.; Knapp, D.; Kojima, J.; Kõljalg, U.; Kontschán, J.; Krell, F.; Krisai-Greilhuber, I.; Kullander, S.; Latella, L.; Lattke, J.; Lencioni, V.; Lewis, G.; Lhano, M.; Lujan, N.; Luksenburg, J.; Mariaux, J.; Marinho-Filho, J.; Marshall, C.; Mate, J.; Mcdonough, M.; Michel, E.; Miranda, V.; Mitroiu, M.; Molinari, J.; Monks, S.; Moore, A.; Moratelli, R.; Murányi, D.; Nakano, T.; Nikolaeva, S.; Noyes, J.; **Ohl, M.**; Oleas, N.; Orrell, T.; Páll-Gergely, B.; Pape, T.; Papp, V.; Parenti, L.; Patterson, D.; Pavlinov, I.; Pine, R.; Poczai, P.; Prado, J.; Prathapan, D.; Rabeler, R.; Randall, J.; Rheindt, F.; Rhodin, A.; Rodríguez, S.; Rogers, D.; Roque, F.; Rowe, K.; Ruedas, L.; Salazar-Bravo, J.; Salvador, R.; Sangster, G.; Sarmiento, C.; Schigel, D.; Schmidt, S.; Schueler, F.; Segers, H.; Snow, N.; Souza-Dias, P.; Stals, R.; Stenroos, S.; Stone, R.; Sturm, C.; Štys, P.; Teta, P.; Thomas, D.; Timm, R.; Tindall, B.; Todd, J.; Triebel, D.; Valdecasas, A.; Vizzini, A.; Vorontsova, M.; De Vos, J.; Wagner, P.; Watling, L.; Weakley, A.; Welter-Schultes, F.; Whitmore, D.; Wilding, N.; Will, K.; Williams, J.; Wilson, K.; Winston, J.; Wüster, W.; Yanega, D.; Yeates, D.; Zaher, H.; Zhang, G.; Zhang, Z.; Zhou, H. (2018). Formal Comment: Taxonomy based on science is necessary for global conservation. *PLOS Biology, 16 (3)*: e2005075. DOI: [10.1371/journal.pbio.2005075](https://doi.org/10.1371/journal.pbio.2005075" \t "_blank)

**Tietje, M.**; **Rödel, M.-O.** (2018). Evaluating the predicted extinction risk of living amphibian species with the fossil record. *Ecology Letters, 21 (8)*: 1135-1142. DOI: [10.1111/ele.13080](https://doi.org/10.1111/ele.13080" \t "_blank)

Uno, K.; Rivals, F.; **Bibi, F.**; Pante, M.; Njau, J.; De La Torre, I. (2018). Large mammal diets and paleoecology across the Oldowan–Acheulean transition at Olduvai Gorge, Tanzania from stable isotope and tooth wear analyses. *Journal of Human Evolution, 120*: 76-91. DOI: [10.1016/j.jhevol.2018.01.002](https://doi.org/10.1016/j.jhevol.2018.01.002)

Uozumi, R.; **Yamasaki, H.**; Hirose, E. (2018). Mangrove forests may serve as stable environments for the meiobenthic Echinoderes komatsui (Kinorhyncha: Cyclorhagida): distribution patterns and population dynamics in a subtropical estuary. *Marine Biology Research, 14 (3)*: 321-333. DOI: [10.1080/17451000.2017.1408916](https://doi.org/10.1080/17451000.2017.1408916)

**Valente, L.**; Phillimore, A.; Etienne, R. (2018). Using molecular phylogenies in island biogeography: it's about time. *Ecography, 41 (10)*: 1684-1686. DOI: [10.1111/ecog.03503](https://doi.org/10.1111/ecog.03503" \t "_blank)

Vanburen, C.; Norman, D.; **Fröbisch, N.** (2018). Examining the relationship between sexual dimorphism in skin anatomy and body size in the white-lipped treefrog, Litoria infrafrenata (Anura: Hylidae). *Zoological Journal of the Linnean Society, XX*: 1-10. DOI: [10.1093/zoolinnean/zly070](https://doi.org/10.1093/zoolinnean/zly070)

Van Der Vos, W.; Stein, K.; Di-Poï, N.; **Bickelmann, C.** (2018). Ontogeny of Hemidactylus (Gekkota, Squamata) with emphasis on the limbs. *Zoosystematics and Evolution, 94 (1)*: 195-209. DOI: [10.3897/zse.94.22289](https://doi.org/10.3897/zse.94.22289)

**Varela, S.** (2018). Paleoecología, analizando la cuarta dimensión de la biodiversidad. *Ecosistemas, 27 (1)*: 1-4. DOI: [10.7818/ecos.1552](https://doi.org/10.7818/ecos.1552)

Veitschegger, K.; Kolb, C.; **Amson, E.**; Sánchez-Villagra, M. (2018). Longevity and life history of cave bears – a review and novel data from tooth cementum and relative emergence of permanent dentition. *Historical Biology, 31 (4)*: 510-516. DOI: [10.1080/08912963.2018.1441293](https://doi.org/10.1080/08912963.2018.1441293" \t "_blank)

Veitschegger, K.; Kolb, C.; **Amson, E.**; Scheyer, T.; Sánchez-Villagra, M. (2018). Palaeohistology and life history evolution in cave bears, Ursus spelaeus sensu lato. *PLOS ONE, 13 (11)*: e0206791. DOI: [10.1371/journal.pone.0206791](https://doi.org/10.1371/journal.pone.0206791)

Veksler, I.; Sedunova, A.; Darin, A.; Anosova, M.; Reid, D.; **Kaufmann, F.**; Hecht, L.; Trumbull, R. (2018). Chemical and Textural Re-equilibration in the UG2 Chromitite Layer of the Bushveld Complex, South Africa. *Journal of Petrology, 59 (6)*: 1193-1216. DOI: [10.1093/petrology/egy058](https://doi.org/10.1093/petrology/egy058" \t "_blank)

Voeten, D.; Reich, T.; Araújo, R.; Scheyer, T. (2018). Synchrotron microtomography of a Nothosaurus marchicus skull informs on nothosaurian physiology and neurosensory adaptations in early Sauropterygia. *PLOS ONE, 13 (1)*: e0188509. DOI: [10.1371/journal.pone.0188509](https://doi.org/10.1371/journal.pone.0188509)

**Walton, S.;** **Korn, D.** (2018). An ecomorphospace for the Ammonoidea. *Paleobiology, 44 (2)*: 273-289. DOI: [10.1017/pab.2017.33](https://doi.org/10.1017/pab.2017.33)

Wang, B.; **Dunlop, J.**; Selden, P.; Garwood, R.; Shear, W.; Müller, P.; Lei, X. (2018). Cretaceous arachnid Chimerarachne yingi gen. et sp. nov. illuminates spider origins. *Nature Ecology & Evolution, 2*: 614-622. DOI: [10.1038/s41559-017-0449-3](https://doi.org/10.1038/s41559-017-0449-3)

Wang, D.; Ling, H.; **Struck, U.**; Zhu, X.; Zhu, M.; He, T.; Yang, B.; Gamper, A.; Shields, G. (2018). Coupling of ocean redox and animal evolution during the Ediacaran-Cambrian transition. *Nature Communications, 9*: 1-8. DOI: [10.1038/s41467-018-04980-5](https://doi.org/10.1038/s41467-018-04980-5)

Wang, D.; Ling, H.; **Struck, U.**; Zhu, X.; Zhu, M.; He, T.; Yang, B.; Gamper, A.; Shields, G. (2018). Publisher Correction: Coupling of ocean redox and animal evolution during the Ediacaran-Cambrian transition. *Nature Communications, 9*. DOI: [10.1038/s41467-018-05540-7](https://doi.org/10.1038/s41467-018-05540-7)

Wang, Q.; **Korn, D.**; Nemyrovska, T.; Qi, Y. (2018). The Wenne river bank section - an excellent section for the Viséan-Serpukhovian boundary based on conodonts and ammonoids (Mississippian; Rhenish Mountains, Germany). *Newsletters on Stratigraphy, 51 (4)*: 427-444. DOI: [10.1127/nos/2018/0440](https://doi.org/10.1127/nos/2018/0440)

Wang, Q.; Nemyrovska, T.; **Korn, D.** (2018). Correlation of conodont and ammonoid successions across the Viséan-Serpukhovian boundary - A review of occurrences in the South Urals, Cantabrian Mountains, western Ireland and the Rhenish Mountains. *Palaeoworld, 27 (3)*: 309-321. DOI: [10.1016/j.palwor.2018.04.006](https://doi.org/10.1016/j.palwor.2018.04.006" \t "_blank)

**Ware, D.**; Bucher, H. (2018). Dienerian (Early Triassic) ammonoids and the Early Triassic biotic recovery: a review. *Fossils and Strata Series*: 1-9. DOI: [10.1002/9781119522812.ch1](https://doi.org/10.1002/9781119522812.ch1).

 **Ware, D.**; Bucher, H.; Brühwiler, T.; Krystyn, L. (2018). Dienerian (Early Triassic) ammonoids from Spiti, Himachal Pradesh, India. *Fossils and Strata Series*: 177-241. DOI: [10.1002/9781119522812.ch3](https://doi.org/10.1002/9781119522812.ch3)

**Ware, D.**; Bucher, H.; Brühwiler, T.; Schneebeli-Hermann, E.; Hochuli, P.; Roohi, G.; Ur-Rehman, K.; Yaseen, A. (2018). Griesbachian and Dienerian (Early Triassic) ammonoids from the Salt Range, Pakistan. *Fossils and Strata Series*: 11-175. DOI: [10.1002/9781119522812.ch2](https://doi.org/10.1002/9781119522812.ch2)

Weber, B.; González-Guzmán, R.; Manjarrez-Juárez, R.; Cisneros De León, A.; Martens, U.; Solari, L.; **Hecht, L.**; Valencia, V. (2018). Late Mesoproterozoic to Early Paleozoic history of metamorphic basement from the southeastern Chiapas Massif Complex, Mexico, and implications for the evolution of NW Gondwana. *Lithos, 300-301*: 177-199. DOI: [10.1016/j.lithos.2017.12.009](https://doi.org/10.1016/j.lithos.2017.12.009)

Wegerer, M.; De Baets, K.; **Korn, D.** (2018). Quantitative analysis of suture lines in Carboniferous ammonoids. *Fossil Record, 21 (2)*: 223-236. DOI: [10.5194/fr-21-223-2018](https://doi.org/10.5194/fr-21-223-2018" \t "_blank)

**Weißpflug, M.** (2018). A Natural History for the 21st century ‐ Rethinking the Anthropocene Narrative with Arendt and Adorno. *The Anthropocene Debate and Political Science*: 15-30

**Wetzel, F.**; Bingham, H.; Groom, Q.; Haase, P.; Kõljalg, U.; Kuhlmann, M.; Martin, C.; Penev, L.; Robertson, T.; Saarenmaa, H.; Schmeller, D.; Stoll, S.; Tonkin, J.; **Häuser, C.** (2018). Unlocking biodiversity data: Prioritization and filling the gaps in biodiversity observation data in Europe. *Biological Conservation, 221*: 78-85. DOI: [10.1016/j.biocon.2017.12.024](https://doi.org/10.1016/j.biocon.2017.12.024)

**Wetzel, F.**; Schmeller, D.; Bingham, H.; Groom, Q.; Haase, P.; Kõljalg, U.; Kuhlmann, M.; Martin, C.; Penev, L.; Robertson, T.; Saarenmaa, H.; Stoll, S.; Tonkin, J.; **Häuser, C.** (2018). Real gaps in European bird monitoring: A reply to Voříšek et al.. *Biological Conservation, 225*: 247-248. DOI: [10.1016/j.biocon.2018.07.002](https://doi.org/10.1016/j.biocon.2018.07.002).

Wichard, W.; **Neumann, C.**; **Werneburg, I.** (2018). New long-horned caddisflies in Eocene Baltic amber (Insecta, Trichoptera). *PalZ, 92 (3)*: 387-394. DOI: [10.1007/s12542-017-0394-0](https://doi.org/10.1007/s12542-017-0394-0)

Wilde, L.; **Günther, L.**; **Mayer, F.**; **Knörnschild, M.**; Nagy, M. (2018). Thermoregulatory Requirements Shape Mating Opportunities of Male Proboscis Bats. *Frontiers in Ecology and Evolution, 6*: 1-14. DOI: [10.3389/fevo.2018.00199](https://doi.org/10.3389/fevo.2018.00199" \t "_blank)

Wilk, J.; **Hamann, C.**; Fazio, A.; **Luther, R.**; **Hecht, L.**; Langenhorst, F.; Kenkmann, T. (2018). Petrographic investigation of shatter cone melt films recovered from MEMIN impact experiments in sandstone and iSALE modeling of their formation boundary conditions. *Meteoritics & Planetary Science, 53 (8)*: 1569-1593. DOI: [10.1111/maps.13179](https://doi.org/10.1111/maps.13179)

Winkler, R.; **Luther, R.**; Poelchau, M.; **Wünnemann, K.**; Kenkmann, T. (2018). Subsurface deformation of experimental hypervelocity impacts in quartzite and marble targets. *Meteoritics & Planetary Science, 53 (8)*: 1733-1755. DOI: [10.1111/maps.13080](https://doi.org/10.1111/maps.13080)

Wisshak, M.; **Neumann, C.** (2018). Large dendrinids meet giant clam: the bioerosion trace fossil Neodendrina carnelia igen. et isp. n. in a Tridacna shell from Pleistocene–Holocene coral reef deposits, Red Sea, Egypt. *Fossil Record, 21 (1)*: 1-9. DOI: [10.5194/fr-21-1-2018](https://doi.org/10.5194/fr-21-1-2018" \t "_blank)

**Witzmann, F.** (2018). Mini-series: palaeopathology - a fresh look at ancient diseases in the fossil record. *Journal of Zoology, 304 (1)*: 1-2. DOI: [10.1111/jzo.12522](https://doi.org/10.1111/jzo.12522)

**Yamasaki, H.**; Grzelak, K.; Sørensen, M.; **Neuhaus, B.**; George, K. (2018). Echinoderes pterus sp. n. showing a geographically and bathymetrically wide distribution pattern on seamounts and on the deep-sea floor in the Arctic Ocean, Atlantic Ocean, and the Mediterranean Sea (Kinorhyncha, Cyclorhagida). *ZooKeys, 771*: 15-40. DOI: [10.3897/zookeys.771.25534](https://doi.org/10.3897/zookeys.771.25534" \t "_blank)

**Yamasaki, H.**; **Neuhaus, B.**; George, K. (2018). New species of Echinoderes (Kinorhyncha: Cyclorhagida) from Mediterranean seamounts and from the deep-sea floor in the Northeast Atlantic Ocean, including notes on two undescribed species. *Zootaxa, 4387 (3)*: 541-566. DOI: [10.11646/zootaxa.4387.3.8](https://doi.org/10.11646/zootaxa.4387.3.8" \t "_blank)

**Yamasaki, H.**; **Neuhaus, B.**; George, K. (2018). Three new species of Echinoderidae (Kinorhyncha: Cyclorhagida) from two seamounts and the adjacent deep-sea floor in the Northeast Atlantic Ocean. *CBM - Cahiers de Biologie Marine, 59 (1)*: 79-106. DOI: [10.21411/CBM.A.124081A9](https://doi.org/10.21411/CBM.A.124081A9)

Yaryhin, O.; **Werneburg, I.** (2018). Tracing the developmental origin of a lizard skull: Chondrocranial architecture, heterochrony, and variation in lacertids. *Journal of Morphology, 279 (8)*: 1058-1087. DOI: [10.1002/jmor.20832](https://doi.org/10.1002/jmor.20832" \t "_blank)

Zhang, Q.; **Mey, W.**; Ansorge, J.; Starkey, T.; Mcdonald, L.; Mcnamara, M.; Jarzembowski, E.; Wichard, W.; Kelly, R.; Ren, X.; Chen, J.; Zhang, H.; Wang, B. (2018). Fossil scales illuminate the early evolution of lepidopterans and structural colors. *Science Advances, 4 (4)*: e1700988. DOI: [10.1126/sciadv.1700988](https://doi.org/10.1126/sciadv.1700988).

**Wissenschaftliche Artikel in anderen Fachzeitschriften | Scientific articles in other journals**

**Bauche, M.** (2018). Cuban Corals in East Berlin’s Natural History Museum, 1967–74 ‐ A History of Nondiplomacy. *Representations, 141 (1)*: 3-19. DOI: [10.1525/rep.2018.141.1.3](https://doi.org/10.1525/rep.2018.141.1.3)

**Hartung, V.** (2018). Wanzenfunde (Insecta: Heteroptera) aus Nordhessen anlässlich des 43. Treffens der „Arbeitsgruppe Mitteleuropäischer Heteropterologen“ im August 2017. *Philippia, 17 (3)*: 219-264

Haug, J.; Haug, C.; **Neumann, C.**; Sombke, A.; Hörnig, M. (2018). Early post-embryonic polyxenidan millipedes from Saxonian amber (Eocene). *Bulletin of Geosciences, 93 (1)*: 1-11. DOI: [10.3140/bull.geosci.1646](https://doi.org/10.3140/bull.geosci.1646" \t "_blank)

Klug, C.; **Korn, D.**; Aigner, T.; Erbacher, J. (2018). Editorial: Jobst Wendt, the northern African Devonian sediments and their carbonate build-ups. *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen, 290 (1-3)*: 1-7. DOI: [10.1127/njgpa/2018/0766](https://doi.org/10.1127/njgpa/2018/0766" \t "_blank)

Lorenz, J.; **Schmitt, R.**; Völker, A. (2018). The underground Manganese and Iron Mine „Heinrich” between Eichenberg and Sailauf, Spessart, Germany – subsequently the “Marga” mine on Barite ‐ Die untertägige Mangan- und Eisenerzgrube „Heinrich“ zwischen Eichenberg und Sailauf im Spessart – später die Grube „Marga“ auf Schwerspat. *Jahresberichte und Mitteilungen des Oberrheinischen Geologischen Vereins, 100*: 483-508. DOI: [10.1127/jmogv/100/0014](https://doi.org/10.1127/jmogv/100/0014)

**Mey, W.** (2018). Tinodes ankrimensis n. sp. – eine neue Köcherfliege aus Marokko (Trichoptera, Psychomyiidae).. *Entomologische Nachrichten und Berichte (3)*: 191-192.

 **Mey, W.**; Ospina-Torres, R. (2018). Inventorying Lepidoptera (Insecta) in the Páramo of Colombia – first results.. *Mitteilungen der Deutschen Gesellschaft für allgemeine und angewandte Entomologie 21, 21*: 299-302

**Müller, J.**; **Bickelmann, C.**; Sobral, G. (2018). The Evolution and Fossil History of Sensory Perception in Amniote Vertebrates. *Annual Review of Earth and Planetary Sciences, 46*: 495-519. DOI: [10.1146/annurev-earth-082517-010120](https://doi.org/10.1146/annurev-earth-082517-010120" \t "_blank)

Pati, J.; Reimold, W.; Hauser, N. (2018). Comment on “Anatomy of impactites and shocked zircon grains from Dhala reveals Paleoproterozoic meteorite impact in the Archean basement rocks of Central India” by Li et al., 2018, Gondwana Research, 54, 81–101. *Gondwana Research, 60*: 81–101. DOI: [10.1016/j.gr.2018.03.019](https://doi.org/10.1016/j.gr.2018.03.019)

**Plötner, J.** (2018). Conservation status and threats to the pool frog (Pelophylax lessonae) in Germany ‐ Zur Bestandssituation und Gefährdung des Kleinen Wasserfroschs (Pelophylax lessonae) in Deutschland. *Zeitschrift für Feldherpetologie*: 23-44

**Reimold, W.**; Hauser, N.; Hansen, B.; Thirlwall, M.; Hoffmann, M. (2018). Reply to “Comments on “The impact pseudotachylitic breccia controversy: Insights from first isotope analysis of Vredefort impact-generated melt rocks” by Reimold et al. 2017 (GCA 214, 266–282)” by A.A. Garde and M.B. Klausen (GCA 233, 187–190). *Geochimica et Cosmochimica Acta, 240*: 331-332. DOI: [10.1016/j.gca.2018.08.016](https://doi.org/10.1016/j.gca.2018.08.016)

**Strauß, A.** (2018). Temporäres Objektlabor – Bericht über das Beschaffen von Basalt. *Cluster-Zeitung. Exzellenzcluster der Humboldt-Universität Berlin Bild-Wissen-Gestaltung, 248*: 4-6

**Yamasaki, H.**; Durucan, F. (2018). Echinoderes antalyaensis sp. nov. (Cyclorhagida: Kinorhyncha) from Antalya, Turkey, Levantine Sea, Eastern Mediterranean Sea. *Species Diversity, 23 (2)*: 193-207. DOI: [10.12782/specdiv.23.193](https://doi.org/10.12782/specdiv.23.193).

**Monografien | Monographs**

**Fachwissenschaftliche Monografien/ Academic books**

Carrillo, J.; **Amson, E.**; Jaramillo, C.; Sánchez, R.; Quiroz, L.; Cuartas, C.; Rincón, A.; Sánchez-Villagra, M. (2018). The Neogene Record of Northern South American Native Ungulates. Washington: Smithsonian Institution. [elektronische Version]. DOI: [10.5479/si.1943-6688.101](https://doi.org/10.5479/si.1943-6688.101)

**Deckert, J.**; Burghardt, G. (2018). Rote Liste und Gesamtartenliste der Wanzen (Heteroptera) von Berlin. Berlin: Universitätsverlag der TU Berlin. [elektronische Version]. DOI: [10.14279/depositonce-6690](https://doi.org/10.14279/depositonce-6690)

Ernst, H.; **Hampe, O.** (2018). Fossile Fische weltweit : die Welt der prähistorischen Fische und ihr Spiegelbild in der Philatelie ‐ Fossil fishes worldwide : the world of prehistoric fishes and their reflection in philately. München: Verlag Dr. Friedrich Pfeil.

**Hampe, O.** (2018). Conodonten. Mikropaläontologische Thematik in der Philatelie. Norderstedt: GRIN Verlag

**Jetzkowitz, J.** (2018). Co-Evolution of Nature and Society ‐ Foundations for Interdisciplinary Sustainability Studies. Cham: Springer International Publishing. [elektronische Version]. DOI: 10.1007/978-3-319-96652-6

**Populärwissenschaftliche Monografien | Popular scientific books**

**Ohl, M.** (2018). Stachel und Staat: Eine leidenschaftliche Naturgeschichte von Bienen, Wespen und Ameisen. München: Droemer Verlag.

**Ohl, M.** (2018). The Art of Naming. Berlin: MIT Press.

**Sammelwerke | Edited Books (Herausgeberschaft| Editorship**

Hecker, S.; Haklay, M.; Bowser, A.; Makuch, Z.; **Vogel, J.**; Bonn, A. (2018). Citizen Science ‐ Innovation in Open Science, Society and Policy. UCL Press. [elektronische Version]. DOI: [10.14324/111.9781787352339](https://doi.org/10.14324/111.9781787352339" \t "_blank)

Klug, C.; **Korn, D.** (2018). Palaeontology of the Devonian of Hamar Laghdad: Special Volume Honouring Jobst Wendt. Stuttgart: Schweizerbart Science Publishers

**Nadim, T.**; Wagner, N. (2018). The Influencing Machine. Berlin : Neue Gesellschaft für Bildende Kunst (Verlag)

**Vennen, M.**; **Stoecker, H.**; Tamborini, M.; **Heumann, I.** (2018). Dinosaurierfragmente ‐ Zur Geschichte der Tendaguru-Expedition und ihrer Objekte, 1906-2017. Göttingen: Wallstein Verlag

**Sammelbandbeiträge | Contribution to edited books**

Bonn, A.; Hecker, S.; Bowser, A.; Makuch, Z.; **Vogel, J.**; Haklay, M. (2018). Citizen science to foster innovation in open science, society and policy. In: Susanne Hecker, Muki Haklay, Anne Bowser, Zen Makuch, Johannes Vogel, Aletta Bonn (eds.) *Citizen Science: Innovation in Open Science, Society and Policy*. London: UCL Press (pp. 465-484)

Bonnet, P.; Goëau, H.; Hang, S.; **Lasseck, M.**; Šulc, M.; Malécot, V.; Jauzein, P.; Melet, J.; You, C.; Joly, A. (2018). Plant Identification: Experts vs. Machines in the Era of Deep Learning. In: Alexis Joly, Stefanos Vrochidis, Kostas Karatzas, Ari Karppinen, Pierre Bonnet (eds.) *Multimedia Tools and Applications for Environmental & Biodiversity Informatics*. Cham, Schweiz: Springer International Publishing (pp. 131-149). DOI: [10.1007/978-3-319-76445-0\_8](https://doi.org/10.1007/978-3-319-76445-0_8)

**Giere, P.**; **Bartsch, P.**; **Quaisser, C.** (2018). BERLIN: From Humboldt to HVac -The Zoological Collections of the Museum für Naturkunde Leibniz Institute for Evolution and Biodiversity Science in Berlin. In: Lothar A. Beck (eds.) *Zoological Collections of Germany*. Cham, Schweiz: Springer International Publishing (pp. 89-122). DOI: [10.1007/978-3-319-44321-8\_10](https://doi.org/10.1007/978-3-319-44321-8_10" \t "_blank)

**Greshake, A.**; Fritz, J. (2018). Meteorites. In: Angelo Pio Rossi, Stephan Van Gasselt (eds.) *Planetary Geology*. Cham, Schweiz: Springer International Publishing (pp. 103-121). DOI: [10.1007/978-3-319-65179-8](https://doi.org/10.1007/978-3-319-65179-8)

Hecker, S.; Haklay, M.; Bowser, A.; Makuch, Z.; **Vogel, J.**; Bonn, A. (2018). Innovation in open science, society and policy – setting the agenda for citizen science. In: Susanne Hecker, Muki Haklay, Anne Bowser, Zen Makuch, Johannes Vogel, Aletta Bonn (eds.) *Citizen Science: Innovation in Open Science, Society and Policy*. London: UCL Press (pp. 40-62)

**Lasseck, M.** (2018). Audio-based Bird Species Identification with Deep Convolutional Neural Networks. In: Mark D. Plumbley, Christian Kroos, Juan P. Bello, Gaël Richard, Daniel P. W. Ellis, Annamaria Mesaros (eds.) *Proceedings of the Detection and Classification of Acoustic Scenes and Events 2018 Workshop (DCASE2018)*. Avignon, France: Tampere University of Technology (pp. 143-147)

Löhne, C.; **Giere, P.**; Neumann, D. (2018). Legal and Ethical Challenges: From Collection Management to Access and Benefit-Sharing. In: Lothar A. Beck (eds.) *Zoological Collections of Germany*. Springer: Springer International Publishing (pp. 37-47). DOI: [10.1007/978-3-319-44321-8\_5](https://doi.org/10.1007/978-3-319-44321-8_5)

Lorenz, J.; Geyer, G.; Okrusch, M.; **Schmitt, R.** (2018). Die Geologie des Baufelds: Kristallingesteine, Zechstein-Sedimente, Bröckelschiefer, Buntsandstein, hydrothermale Gangmineralisationen und quartäre Sedimente - Eine Dokumentation. In: Lorenz, J. (eds.) *Mitteilungen des Naturwissenschaftlichen Museums Aschaffenburg*. Ashaffenburg: Naturwissenschaftlicher Verein Aschaffenburg e.V. (pp. 34-167)

Luna, S.; **Gold, M.**; Albert, A.; Ceccaroni, L.; Claramunt, B.; Danylo, O.; Haklay, M.; Kottmann, R.; Kyba, C.; Piera, J.; Radicchi, A.; Schade, S.; **Sturm, U.** (2018). Developing Mobile Applications for Environmental and Biodiversity Citizen Science: Considerations and Recommendations. In: Alexis Joly, Stefanos Vrochidis, Kostas Karatzas, Ari Karppinen, Pierre Bonnet (eds.) *Multimedia Tools and Applications for Environmental & Biodiversity Informatics*. Cham, Schweiz: Springer International Publishing (pp. 9-30). DOI: [10.1007/978-3-319-76445-0\_2](https://doi.org/10.1007/978-3-319-76445-0_2" \t "_blank)

Mahr, D.; **Göbel, C.**; Irwin, A.; **Vohland, K.** (2018). Watching or being watched: Enhancing productive discussion between the citizen sciences, the social sciences and the humanities. In: Susanne Hecker, Muki Haklay, Anne Bowser, Zen Makuch, Johannes Vogel, Aletta Bonn (eds.) *Citizen Science: Innovation in Open Science, Society and Policy*. London: UCL Press (pp. 99-109)

**Moldrzyk, U.**; **Gallé, L.** (2018). Research and Open Questions—A Modern Concept Behind Berlins T. rex Presentation of Tristan Otto. In: Lothar A. Beck, Ulrich Joger (eds.) *Paleontological Collections of Germany, Austria and Switzerland.*. Cham: Springer International Publishing (pp. 1-14). DOI: [10.1007/978-3-319-77401-5\_1](https://doi.org/10.1007/978-3-319-77401-5_1)

Mumm, C.; **Knörnschild, M.** (2018). Mustelid Communication. In: Jennifer Vonk, Todd Shackelford (eds.) *Encyclopedia of Animal Cognition and Behavior*. Cham: Springer International Publishing (pp. 1-11). DOI: [10.1007/978-3-319-47829-6\_1191-1](https://doi.org/10.1007/978-3-319-47829-6_1191-1)

**Nadim, T.** (2018). c u soon humans need to sleep now so many conversations today thx. In: Tahani Nadim And Neli Wagner (eds.) *The Influencing Machine*. Berlin: Neue Gesellschaft für Bildende Kunst (Verlag) (pp. 72-81)

**Nadim, T.** (2018). The sourball of every revolution: who picks up the garbage on Monday morning? ‐ The Influencing Machine. In: Tahani Nadim, Neli Wagner (eds.) *The Influencing Machine*. Berlin: Neue Gesellschaft für Bildende Kunst (Verlag) (pp. 24-37)

**Nadim, T.** (2018). IBM Watson is the Donald Trump of the AI industry. In: Tahani Nadim And Neli Wagner (eds.) *The Influencing Machine*. Berlin: Neue Gesellschaft für Bildende Kunst (pp. 204-213)

**Nadim, T.** (2018). (The end of) labour?. In: Tahani Nadim And Neli Wagner (eds.) *The Influencing Machine*. Berlin: Neue Gesellschaft für Bildende Kunst (pp. 274-285)

**Nadim, T.** (2018). Friends with books. In: Samuel Moore (eds.) *The Commons and Care*. Birmingham: Post Office Press and Rope Press; Mattering Press (pp. 26-31)

**Nadim, T.** (2018). Haunting seedy connections. In: Celia Lury, Rachel Fensham, Alexandra Heller-Nicholas, Sybille Lammes, Angela Last, Mike Michael, Emma Uprichard (eds.) *Routledge Handbook of Interdisciplinary Research Methods*. London ; New York: Routledge Taylor & Francis Group (pp. 239-247)

**Neumann, C.**; **Schultka, S.**; **Witzmann, F.** (2018). BERLIN: The Palaeontological Collections of the Museum für Naturkunde Berlin. In: Lothar A. Beck, Ulrich Joger (eds.) *Paleontological Collections of Germany, Austria and Switzerland.*. Cham: Springer International Publishing (pp. 39-56). DOI: [10.1007/978-3-319-77401-5\_5](https://doi.org/10.1007/978-3-319-77401-5_5" \t "_blank)

**Reimold, W**.; Hauser, N.; Crósta, A. (2018). The Impact Record of Southwest Gondwana. In: (eds.) *Geology of Southwest Gondwana*. Regional Geology Reviews: Springer International Publishing (pp. 677-688). DOI: [10.1007/978-3-319-68920-3\_24](https://doi.org/10.1007/978-3-319-68920-3_24" \t "_blank)

Richter, A.; Dörler, D.; Hecker, S.; Heigl, F.; **Pettibone, L.**; Sanz, F.; **Vohland, K.**; Bonn, A. (2018). Capacity building in citizen science. In: Susanne Hecker, Muki Haklay, Anne Bowser, Zen Makuch, Johannes Vogel, Aletta Bonn (eds.) *Citizen Science: Innovation in Open Science, Society and Policy*. London: UCL Press (pp. 269-283)

**Schobben, M.**; **Heuer, F.**; **Tietje, M.**; Ghaderi, A.; **Korn, D.**; Korte, C.; Wignall, P. (2018). Chemostratigraphy Across the Permian‐Triassic Boundary ‐ The Effect of Sampling Strategies on Carbonate Carbon Isotope Stratigraphic Markers. In: Alcides N. Sial, Claudio Gaucher, Muthuvairavasamy Ramkumar, Valderez Pinto Ferreira (eds.) *Chemostratigraphy Across Major Chronological Boundaries*. Hoboken: Wiley (pp. 159-181). DOI: [10.1002/9781119382508.ch9](https://doi.org/10.1002/9781119382508.ch9" \t "_blank)

Sforzi, A.; Tweddle, J.; **Vogel, J.**; Lois, G.; Wägele, W.; Lakeman-Fraser, P.; Makuch, Z.; **Vohland, K.** (2018). Citizen science and the role of natural history museums. In: Susanne Hecker, Muki Haklay, Anne Bowser, Zen Makuch, Johannes Vogel, Aletta Bonn (eds.) *Citizen Science: Innovation in Open Science, Society and Policy*. London: UCL Press (pp. 429-444)

**Vohland, K.**; **Diekämper, J.**; **Moormann, A.**; Nettke, T.; **Rössig, W.** (2018). Genome Editing als Gegenstand öffentlicher Betrachtung - Herausforderungen für Forschung, Vermittlung und Partizipation. In: Susanne Müller, Henning Rosenau (eds.) *Stammzellen - iPS-Zellen - Genomeditierung. Stem Cells - iPS Cells - Genome Editing*. Baden-Baden: Nomos (pp. 299-312)

**Vohland, K.**; **Göbel, C.**; Shirk, J.; Oliver, J. (2018). Preface. In: Susanne Hecker, Muki Haklay, Anne Bowser, Zen Makuch, Johannes Vogel, Aletta Bonn (eds.) *Citizen Science: Innovation in Open Science, Society and Policy*. London: UCL Press (pp. 1-6)

**Weißpflug, M.** (2018). Dissens, Freiheit und die Literatur ‐ Rancière und Arendt im Widerstreit. In: Thomas Linpinsel, Il-Tschung Lim (eds.) *Gleichheit, Politik und Polizei: Jacques Rancière und die Sozialwissenschaften*. Wiesbaden: Springer VS, Wiesbaden (pp. 217-229). DOI: [10.1007/978-3-658-20670-3\_11](https://doi.org/10.1007/978-3-658-20670-3_11)

Zeller, U.; **Ferner, K.**; Göttert, T.; Starik, N. (2018). Eutherians: Placental Mammals. In: Michael K. Skinner (eds.) *Encyclopedia of Reproduction*. San Diego: Elsevier (pp. 617-624). DOI: [10.1016/b978-0-12-809633-8.20608-0](https://doi.org/10.1016/b978-0-12-809633-8.20608-0" \t "_blank)

**Positionspapiere | Position papers**

Andreozzi, S.; Bertero, M.; Deketelaere, K.; Ayris, P.; Edmond, J.; Epure, M.; Garfinkel, M.; Hirvikoski, T.; Poutanen, K.; Kleiner, M.; Kuster, S.; Koch, W.; Kristiansen, E.; Leonelli, S.; Lossau, N.; Luyben, K.; Mabe, M.; Carpenter, P.; Maccallum, C.; Peters, P.; Manola, N.; Méndez Rodríguez, E.; Rossel, C.; Scott, M.; Cotter, S.; Sundgren, J.; Vignoli, M.; **Vogel, J.**; **Weißpflug, M.**; Wood, J. (2018). OSPP-REC ‐ Open Science Policy Platform Recommendations. . DOI: [10.2777/958647](https://doi.org/10.2777/958647" \t "_blank)

Bertero, M.; Epure, M.; Garfinkel, M.; Kristiansen, E.; Méndez Rodríguez, E.; **Vohland, K.**; **Weißpflug, M.**; Wood, J.; Wyler, D. (2018). Recommendations of the OSPP on Citizen Science.

**Populärwissenschaftliche Beiträge | popular scientific articles**

**Hermannstädter, A.** (2018). Kunst/Natur. *Gesammelte Sammler. Ein Projekt von Mark Dion & Christine Heidemann*: 12-13

**Von Rintelen, K.**; **Arida, E.**; **Von Rintelen, T.** (2018). Artenvielfalt Indonesiens entdecken – Berlin und Bogor forschen gemeinsam seit über 15 Jahren. *Booklet Buntes Berlin Indonesien*: 10-12

**Wünnemann, K.** (2018). Strahlenkrater im Labor. *Physik Journal (11)*: 26-27

**Konferenzbeiträge | Conference papers**

**Aberhan, M.**; **Piazza, V.**; Duarte, L. (2018). Ecological change within assemblages of brachiopods and molluscs across the Early Toarcian (Early Jurassic) extinction event in the Lusitanian Basin, Portugal. In: (eds.) *Paleontolgía Mexicana Nùmero Especial*. : (pp. 3-4)

Antell, G.; Kiessling, W.; **Aberhan, M.**; Saupe, E. (2018). Geographic distributions of benthic invertebrate species are diversity-dependent across the Phanerozoic. In: (eds.) *5th International Palaeontological Congress, Abstract Book*. Paris: (pp. 571)

Devaere, L.; **Korn, D.**; Ghaderi, A.; Karimi Bavandpour, A. (2018). The Cambrian explosion in Iran: new insights from small shelly fossils of the Ediacaran-Cambrian transition in the Soltanieh and Alborz Mountains. In: (eds.) . : (pp. 287)

Devaere, L.; Korn, D.; Ghaderi, A.; Karimi Bavandpour, A. (2018). The Cambrian explosion in Iran: new insights from small shelly fossils of the Ediacaran-Cambrian transition in the Soltanieh and Alborz Mountains. In: (eds.) *5th International Palaeontological Congress - Paris, 9th-13th July 2018*. : (pp. 287)

Foster, W.; **Aberhan, M.**; Mutti, M. (2018). The role of ocean acidification during the latest Permian mass extinction event. In: (eds.) *5th International Palaeontological Congress, Abstract Book*. Paris: (pp. 543)

**Geschke, J.** (2018). Biodiversitätsmonitoring in Deutschland: Aktuelle Entwicklungen und Herausforderungen. In: Horst Korn, Harald Dünnfelder, Rainer Schliep (eds.) . : (pp. ). DOI: [10.19217/skr497](https://doi.org/10.19217/skr497" \t "_blank)

**Giere, P.**; Binder, H.; Pohl, R. (2018). Catching up with Archives - Disaster Preparedness and the Protection of Cultural Heritage in Berlin Museums. In: (eds.) *Biodiversity Information Science and Standards*. : Pensoft Publishers (pp. e26337). DOI: [10.3897/biss.2.26337](https://doi.org/10.3897/biss.2.26337" \t "_blank)

**Gliwa, J**.; Crasquin, S.; Forel, M.; **Schobben, M.**; **Korn**, D. (2018). Ostracod fauna of the Aras Valley section (NW - Iran) indicates sustained oxygenated conditions during the end - Permian mass ex. In: (eds.) *61st Annual Meeting of the Palaeontological Association, London 2017*. : (pp. )

Hairapetian, V.; **Heuer, F.**; **Korn, D.** (2018). A Late Viséan (Early Carboniferous) chondrichthyan assemblage from a neptunian dyke of Rösenbeck (Rhenish Mountains, Germany). In: (eds.) . : (pp. ).

**Hofmann, R.**; **Tietje, M.**; **Aberhan, M.** (2018). Diversity partitioning in benthic marine ecosystems throughout the Phanerozoic. In: (eds.) *GeoBonn 2018, Book of Abstracts*. Bonn: (pp. 213)

Kenkmann, T.; Winkler, R.; Poelchau, M.; Wirth, R.; **Luther, R.**; Schäfer, F. (2018). Impact-Induced Twinning in Calcite as Revealed by MEMIN Experiments with Marble. In: (eds.) . 81st Annual Meeting of The Meteoritical Society 2018; ( LPI Contrib . No . 2067)

Kiessling, W.; Schobben, M.; Ghaderi, A.; Hairapetian, V.; Leda, L.; **Korn, D.** (2018). Pre-mass extinction decline of latest Permian ammonoids. In: (eds.) *Münstersche Forschungen zur Geologie und Paläontologie*. : (pp. 64)

Klug, C.; Frey, L.; Pohle, A.; De Baets, K.; **Korn, D.**; Bockwinkel, J.; Ebbighausen, V. (2018). Palaeozoic evolution of cephalopod mouthparts.. In: (eds.) *Münstersche Forschungen zur Geologie und Paläontologie*. : (pp. 64)

Klug, C.; Samankassou, E.; Pohle, A.; Zapalski, M.; **Korn, D.** (2018). Couscous ai frutti di mare – Early Devonian palaeoecology of the Moroccan mudmound locality Hamar Laghdad. In: (eds.) *5th International Palaeontological Congress - Paris, 9th-13th July 2018*. : (pp. 518)

**Korn, D.**; Bockwinkel, J.; Ebbighausen, V. (2018). Stratigraphy and biogeography of middle and late Famennian ammonoids from the Anti-Atlas of Morocco and the Saoura Valley of Algeria. In: (eds.) *Münstersche Forschungen zur Geologie und Paläontologie*. : (pp. 66-67).

**Lasseck, M.** (2018). Acoustic Bird Detection with Deep Convolutional Neural Networks. In: Plumbley, M. D., Kroos, C., Bello, J. P., Richard, G., Ellis, D. P. W., & Mesaros, A. (eds.) *Proceedings of the Detection and Classification of Acoustic Scenes and Events 2018 Workshop (DCASE2018)*. : Tampere University of Technology (pp. 143-147)

Lipka, M.; Böttcher, M.; Wu, Z.; Sültenfuß, J.; Jenner, A.; Westphal, J.; Dellwig, O.; Escher, P.; Schmiedinger, I.; Winde, V.; **Struck, U.** (2018). Ferruginous groundwaters as a source of P, Fe, and DIC for coastal waters of the southern Baltic Sea: (Isotope) hydrobiogeochemistry and the role of an iron curtain. In: (eds.) *E3S Web Conference*. E3S Web of Conferences 54, 00019 (2018): (pp. 1-5). DOI: [10.1051/e3sconf/20185400019](https://doi.org/10.1051/e3sconf/20185400019" \t "_blank).

**Luther, R.**; **Wünnemann, K.** (2018). Influence of Target Properties on Ejecta Scaling Relationships. In: (eds.) *EPSC Abstracts*. : European Planetary Science Congress 2018 (pp. EPSC2018-139)

Macklin, J.; Englund, M.; **Glöckler, F.**; Heikkinen, M.; **Hoffmann, J.**; Newton, K.; Ronquist, F. (2018). General introduction to DINA. In: (eds.) *Biodiversity Information Science and Standards*. : (pp. e25646). DOI: [10.3897/biss.2.25646](https://doi.org/10.3897/biss.2.25646" \t "_blank)

Martindale, R.; Marroquín, S.; Them Il, T.; Gill, B.; Caruthers, A.; **Aberhan, M.**; Maxwell, E.; Knoll, A. (2018). The Ya Ha Tinda Lagerstätte: a newly documented Pliensbachian-Toarcian (Early Jurassic, ca. 183 Ma) fossil Konservat-Lagerstätte from Alberta, Canada. In: (eds.) *5th International Palaeontological Congress, Abstract Book*. Paris: (pp. 491)

Padovan, S.; Breuer, D.; **Manske, L.**; **Martellato, E.**; Plesa, A.; **Ruedas, T.**; Schwinger, S.; Tosi, N. (2018). The South-Pole Aitken basin formation and its effects on the melting activity in the lunar mantle. In: (eds.) . European Planetary Science Congress 2018: (pp. EPSC2018-755)

**Piazza, V.**; **Aberhan, M.** (2018). Trends in body size of brachiopods and bivalves across the Early Toarcian (Early Jurassic) extinction event in the NW-Tethys. In: (eds.) *Crossing the Palaeontological-Ecological Gap (CPEG), Abstracts*. Leeds: (pp. 11-12).

**Piazza, V.**; **Aberhan, M.** (2018). Selectivity of temperature-related stresses towards brachiopods across the Early Toarcian (Early Jurassic) extinction event in Neo-Tethys. In: (eds.) *Permophiles*. : (pp. 87-88)

**Piazza, V.**; **Aberhan, M.**; Duarte, L. (2018). Trends in body size of benthic marine macroinvertebrates across the Early Toarcian (Early Jurassic) extinction event in the Lusitanian Basin, Portugal. In: (eds.) *Paleontolgía Mexicana Nùmero Especial*. : (pp. 138-139)

**Rössig, W.**; Herlo, B.; **Moormann, A.**; **Diekämper, J.**; **Jahn, L.**; **Faber, A.** (2018). Visitor Participation: An Instrument for Enhancing Scientific Literacy. In: Odilla Finlayson, Eilish Mcloughlin, Sibel Erduran And Peter Childs (eds.) *Research, Practice and Collaboration in Science Education. Proceedings of the ESERA 2017 Conference*. Dublin: European Science Education Research Association (pp. 1002-1014)

**Ruedas, T.**; Breuer, D. (2018). Synthetic geophysical observables from martian mantle convection models, with application to InSight. In: (eds.) . European Planetary Science Congress 2018: (pp. EPSC2018-851)

**Ware, D.**; **Korn, D.**; Brayard, A.; Monnet, C. (2018). Preliminary results of a morphometric analysis of Permo-Triassic ammonoid suture lines: morphogenetic and phylogenetic implications during a diversity bottleneck. In: (eds.) *5th International Palaeontological Congress - Paris, 9th-13th July 2018*. : (pp. 130)

**Ziegler, D.**; **Vohland, K.**; **Knapp, V.**; Mühlenbein, F. (2018). Evaluating citizen science in practice. In: (eds.) *Austrian Citizen Science Conference 2018*. : (pp. 98-101). DOI: [10.3389/978-2-88945-587-4](https://doi.org/10.3389/978-2-88945-587-4" \t "_blank).

**Konferenzposter | Conference poster**

Kiessling, W.; Reddin, C.; **Aberhan, M.**; De Beats, K.; **Gliwa, J.**; Kocsis, A.; **Piazza, V.**; Rita, P.; Sun, Y.; Poertner, H. (2018). Research group poster: Temperature-related stresses as a unifying principle in ancient extinctions (TERSANE). In: (eds.) *5th International Palaeontological Congress, Abstract Book*. Paris: (pp. 565)

**Paß, S.**; **Glöckler, F.**; **Hoffmann, J.** (2018). Wissenschaftliches Publizieren am Museum für Naturkunde Berlin. In: Open-Access-Tage 2018 : Graz. DOI: [10.5281/zenodo.1410374](https://doi.org/10.5281/zenodo.1410374" \t "_blank)

**Ruedas, T.**; Breuer, D. (2018). Synthetic geophysical observables from martian mantle convection models, with application to impact signatures. In: 7th Joint Workshop on High Pressure, Planetary and Plasma Physics

**Weißpflug, M.**; **Paß, S.** (2018). Open for Nature - Open-Science-Aktivitäten am Museum für Naturkunde Berlin. In: Open-Access-Tage 2018 : Graz. DOI: [10.5281/zenodo.1410370](https://doi.org/10.5281/zenodo.1410370).

**Berichte und Diskusionspapiere | Reports and discussion papers**

**Geschke, J.**; **Sommerwerk, N.**; **Vohland, K.**; **Schliep, R.** (2018). Nationales Biodiversitätsmonitoring: Vernetzung ehrenamtlicher und akademischer Biodiversitätsforschung in Deutschland ‐ Kurzbericht zum Workshop am 11./12. Dezember 2018 in Berlin. : 1-18

**Geschke, J.**; **Vohland, K.** (2018). Die Vernetzung der deutschen Biodiversitätsforschung: Eine soziale Netzwerkanalyse aus Perspektive von NeFo. : 55. DOI: [10.7479/9zqs-aaa6](https://doi.org/10.7479/9zqs-aaa6)

**Geschke, J.**; **Vohland, K.**; Mascarenhas, A. (2018). Biodiversitätsdatenintegration – Wo stehen wir? ‐ Kurzbericht zum NeFo-GEOEssential-Workshop zur Biodiversitätsdatenintegration. : 9

**Giere, P.**; John, M. (2018). Kulturgutschutz praktisch: Notfallplanung im Dienste des Sammlungserhaltes ‐ Ein Bericht zum 18. Treffen der AG Kuratoren. *GfBS Newsletter*: 49-52.

Hammer, C.; **Faber, A.** (2018). Im Bündnis stark ‐ Kooperationsprojekt mit Bildungseinrichtungen im Berliner Stadtteil Wedding. . DOI: [10.7479/p7hs-z7jk](https://doi.org/10.7479/p7hs-z7jk)

Hammer, C.; **Faber, A.** (2018). Im Bündnis stark ‐ Kooperationsprojekt mit Bildungseinrichtungen im Berliner Stadtteil Wedding. . DOI: [10.7479/p7hs-z/jk](https://doi.org/10.7479/p7hs-z/jk).

**Hartung, V.** (2018). Wanzen vom GEO-Tag der Natur am 17./18. Juni 2017 – Artenvielfalt auf dem UNESCO-Welterbe Zollverein. *Heteropteron, 51*: 8-13

**Patzschke, E.**; **Schmitt, S.**; **Wiedemann, J.** (2018). Verwertung digitaler Inhalte an Museen ‐ Handreichung (Teil I): Strategische Verwertung digitaler Inhalte an Museen.

**Patzschke, E.**; **Schmitt, S.**; **Wiedemann, J.** (2018). Verwertung digitaler Inhalte an Museen ‐ Dokumentation (Teil III): Projektergebnisse aus dem Museum für Naturkunde Berlin, Teilprojekt Natur.

**Patzschke, E.**; **Schmitt, S.**; **Wiedemann, J.** (2018). Verwertung digitaler Inhalte an Museen ‐ Handreichung (Teil I): Strategische Verwertung digitaler Inhalte an Museen.

**Rössig, W.**; **Jahn, L.**; **Faber, A.**; Herlo, B.; Humm, A.; Kirchhoff, A. (2018). Partizipation im Forschungsmuseum ‐ Handreichung 2018. . DOI: [10.7479/9hdr-88pb](https://doi.org/10.7479/9hdr-88pb)

**Schliep, R.**; **Geschke, J.**; **Vohland, K.** (2018). Deutsche Wissenschaftler\*innen und der Weltbiodiversitätsrat IPBES: zwischen Begeisterung und Frustration. . DOI: [10.7479/kf0s-meda](https://doi.org/10.7479/kf0s-meda" \t "_blank)

**Schliep, R.**; **Vohland, K.** (2018). German Experts’ Experiences of Participating in IPBES ‐ Results from an online survey in June/July 2016. : 36

**Sturm, U.**; Schade, S.; Ceccaroni, L.; **Gold, M.**; Kyba, C.; Claramunt, B.; Haklay, M.; Kasperowski, D.; Albert, A.; Piera, J.; Brier, J.; Kullenberg, C.; Luna, S. (2018). Defining principles for mobile apps and platforms development in citizen science. *Research Ideas and Outcomes, 4*: e23394. DOI: [10.3897/rio.4.e23394](https://doi.org/10.3897/rio.4.e23394" \t "_blank)

**Vogel, J.**; **Junker, S.** (2018). Geschäftsbericht 2017. : 1-15. DOI: [10.7479/eps3-4e89](https://doi.org/10.7479/eps3-4e89)

**Vohland, K.**; **Schliep, R.**; Jonas, G. (2018). Digitale Sequenz Information (DSI) ‐ NeFo-Faktenblatt zur Vorbereitung auf SBSTTA-22 im Juli 2018

**Wiedemann, J.**; **Patzschke, E.**; **Schmitt, S.** (2018). Verwertung digitaler Inhalte an Museen ‐ Handreichung (Teil I): Strategische Verwertung digitaler Inhalte an Museen

**Ausstellungskataloge | Exhibition catalogs**

**Bartsch, P.**; **Damaschun, F.**; Domning, B.; **Dunlop, J.**; **Faber, A.**; Fox, P.; Glaubrecht, M.; **Greshake, A.**; Haese, A.; **Hampe, O.**; **Hoch, H.**; Kenkmann, T.; Kiessling, W.; **Leue, D.**; **Lüter, C.**; Matzke, D.; **Moldrzyk, U.**; **Reimold, W.U.**; Remes, K.; **Schmitt, R.**; Scholz, H.; Schultka, S.; **Schwarz, D.**; Spieler, M.; **Steiner, G.**; Unwin, D. (2018). Museum für Naturkunde - The exhibition. Berlin: Museum für Naturkunde Berlin

**Bartsch, P.**; **Damaschun, F.**; Domning, B.; **Dunlop, J.**; **Faber, A.**; Fox, P.; Glaubrecht, M.; **Greshake, A.**; Haese, A.; **Hampe, O.**; **Hoch, H.**; Kenkmann, T.; Kiessling, W.; **Leue, D.**; **Lüter, C.**; Matzke, D.; **Moldrzyk, U.**; Reimold, W.; Remes, K.; **Schmitt, R.**; Scholz, H.; **Schultka, S.**; **Schwarz, D.**; Spieler, M.; **Steiner, G.**; Unwin, D. (2018). Museum für Naturkunde - Die Ausstellung. Berlin: Museum für Naturkunde Berlin.