

# DR. SEBASTIAN STUMPF

## Curriculum Vitae

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### PERSONAL INFORMATION

- **Date of Birth:** 09 October 1986
  - **Place of Birth:** Berlin-Hellersdorf, Germany
  - **Nationality:** German
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### EDUCATIONAL BACKGROUND

- **2017:** Dissertation in Geology/Palaeontology, University of Greifswald, Germany  
Thesis: 'A synoptic review of the vertebrate fauna from the "Green Series" (Toarcian) of northeastern Germany with descriptions of new taxa: A contribution to the knowledge of Early Jurassic vertebrate palaeobiodiversity patterns'  
Final grading: Magna cum laude
  - **2013–2017:** PhD student, University of Greifswald, Germany
  - **2010–2012:** MSc studies, Geoscience and Environment, University of Greifswald, Germany
  - **2006–2010:** BSc studies, Geology, University of Greifswald, Germany
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### PROFESSIONAL BACKGROUND

- **09/2019–08/2023:** Head of micro-CT facility, Department of Palaeontology, University of Vienna, Austria
  - **09/2017–08/2023:** Postdoctoral fellow and Assistant Professor, Evolutionary Morphology Research Group (EvoMoRG), Department of Palaeontology, University of Vienna, Austria
  - **2017–2019:** Participating member of the IGCP Project Unit 655–Toarcian-Oceanic Anoxic Event: Impact on marine carbon cycle and ecosystems
  - **2015:** Palaeontological excavation, Late Jurassic of Ettling, Bavaria, Germany
  - **2012–2016:** Research assistant, Department of Palaeontology and Historical Geology, Institute of Geography and Geology, University of Greifswald, Germany
  - **2010:** Palaeontological excavation, Middle Eocene of Eckfeld, Rheinland-Pfalz, Germany
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### RESEARCH GRANTS

- **2013–2016:** PhD scholarship of Mecklenburg-Western Pomerania, Germany, € 39.600,-
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### TRAVEL GRANTS

- **2023:** Early-stage Researchers Programme, University of Vienna, 8<sup>th</sup> International Meeting on Mesozoic Fishes and Aquatic Tetrapods, 10–14 July 2023, Stuttgart, Germany, € 790,-
- **2023:** Early-stage Researchers Programme, University of Vienna, 48. Treffen des Arbeitskreises Wirbeltierpaläontologie, 17–19 March 2023, Berlin, Germany, € 480,-
- **2022:** Early-stage Researchers Programme, University of Vienna, 93<sup>rd</sup> Annual Meeting, Paläontologische Gesellschaft, 19–23 September 2022, Stuttgart, Germany, € 500,-
- **2019:** Early-stage Researchers Programme, University of Vienna, 90<sup>th</sup> Annual

	<p>Meeting, Paläontologischen Gesellschaft, 15–18 September 2019, Munich, Germany, € 670.-</p> <ul style="list-style-type: none"> <li>• <b>2019:</b> Early-stage Researchers Programme, University of Vienna, 12<sup>th</sup> International Congress of Vertebrate Morphology (ICVM), 21–25 July 2019, Prague, Czech Republic , € 750.-</li> <li>• <b>2018:</b> Early-stage Researchers Programme, University of Vienna, 5<sup>th</sup> International Paleontological Congress, 09–13 July 2018, Paris, France, € 800,-</li> </ul>
<b>SKILLS</b>	<ul style="list-style-type: none"> <li>• <b>Software:</b> Amira, Drishti, Daphne; Meshlab, Past, R, Mesquite, PAUP, TNT</li> </ul>
<b>EDITORIAL BOARD</b>	<ul style="list-style-type: none"> <li>• Scientific Reports</li> <li>• Diversity, guest editor ‘Evolution and Diversity of Fishes in Deep Time’, 2023 (co-editors: E. Villalobos-Segura &amp; J. Kriwet)</li> </ul>
<b>PEER REVIEW ACTIVITIES</b>	<ul style="list-style-type: none"> <li>• Bollettino della Società Paleontologica Italiana,</li> <li>• Earth Environmental Science Transactions of the Royal Society of Edinburgh</li> <li>• Fossil Record</li> <li>• Frontiers in Ecology and Evolution</li> <li>• Historical Biology</li> <li>• Journal of Vertebrate Paleontology</li> <li>• Neues Jahrbuch für Geologie und Paläontologie, Abhandlungen</li> <li>• Norwegian Journal of Geology</li> <li>• Palaeogeography, Palaeoclimatology, Palaeoecology</li> <li>• Palaeoworld</li> <li>• PeerJ</li> </ul>
<b>MEMBERSHIPS</b>	<ul style="list-style-type: none"> <li>• Society of Vertebrate Paleontology</li> <li>• Paläontologische Gesellschaft</li> <li>• Österreichische Paläontologische Gesellschaft</li> </ul>
<b>SERVICE FOR ACADEMIC SOCIETIES</b>	<ul style="list-style-type: none"> <li>• 2018–2021: Secretary of the Österreichischen Paläontologischen Gesellschaft</li> </ul>
<b>SCIENTIFIC MEETING ORGANISATION</b>	<ul style="list-style-type: none"> <li>• 92<sup>nd</sup> Annual Meeting, Paläontologische Gesellschaft, 27 September–01 October 2021, Vienna, Austria (co-organiser: C. Pfaff, V. Roden, J. Türtscher, J. Wukovits, K.U. Hochhauser, P.L. Jambura &amp; J. Kriwet)</li> <li>• 46. Arbeitskreistreffen Wirbeltierpaläontologie in der Paläontologischen Gesellschaft, 15–17 March 2019, Vienna, Austria (co-organiser: U. Göhlich &amp; J. Kriwet)</li> </ul>
<b>PUBLIC RELATIONS</b>	<ul style="list-style-type: none"> <li>• <b>2023:</b> Public lecture, Wiener Volkshochschulen, Vienna, Austria: Im Kopf eines Dinosauriers</li> <li>• <b>2022:</b> Radio interview, Punkt Eins, Ö1: Was von den Herrschern der Urzeit blieb</li> <li>• <b>2018:</b> Special exhibition, Lange Nacht der Forschung, Vienna, Austria: Als der</li> </ul>

## Riesenhai Megalodon durch Wien schwamm

- 2014: Public lecture, University of Greifswald, Germany, Familien-Universität: Dinosaurier in Norddeutschland
- 2013: Special exhibition, University of Greifswald, Germany: Wissen sammeln. Die digitalisierten Schätze der Universität Greifswald. Sammlungsobjekte der Geologie und Medizingeschichte
- 2011: Special exhibition, 555<sup>th</sup> Anniversary of the University of Greifswald, Germany: Ein Dinosaurier mit dem Namen der Uni Greifswald

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## SUPERVISED THESES

- Holik, J. 2024. On the vertebral anatomy of the European Late Cretaceous ankylosaur, *Struthiosaurus austriacus*. Unpublished bachelor thesis, University of Vienna.
- Novak, F.A. 2023. Resurrecting the dinosaur: New insights into the nodosaurid *Struthiosaurus austriacus* from the Upper Cretaceous of Austria. Unpublished bachelor thesis, University of Vienna.
- Schläffer, F. 2023. Long bone histology of the European Late Cretaceous nodosaurid dinosaur *Struthiosaurus austriacus*. Unpublished master thesis, University of Vienna.
- Philipp, S.A.L. 2021. Dental patterns and jaw morphology of the Campanian ornithischian rhabdodontid dinosaur *Mochlodon suessi*. Unpublished bachelor thesis, University of Vienna.

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## PUBLICATIONS PEER-REVIEWED PUBLICATIONS

### 2024

- Schade, M., Deutschmann, A., Foth, C., Paetzel, C., Püttmann, T., Kenzler, M. & S. Stumpf. In press. **The long and icy journey of Mesozoic marine reptile vertebrae from northern Germany, their provenance and internal structures.** *Palaeontologia Electronica* 27(2): a33. <https://doi.org/10.26879/1313>
- Jambura, P.L., Solonin, S.V., Cooper, S.L.A., Mychko, E.V., Arkhangelsky, M.S., Türtscher, J., Amadori, M., Stumpf, S., Vodorezov, A.V. & J. Kriwet. 2024. **Fossil marine vertebrates (Chondrichthyes, Actinopterygii, Reptilia) from the Late Cretaceous of Akkermanovka (Orenburg Oblast, Southern Urals, Russia).** *Cretaceous Research* 155. <https://doi.org/10.1016/j.cretres.2023.105779>

### 2023

- López-Romero, F.A., Stumpf, S., Kamminga, P., Böhmer, C., Pradel, A., Brazeau, M.D. & J. Kriwet. 2023. **Shark mandible evolution reveals patterns of trophic and habitat-mediated diversification.** *Communications Biology* 6. <https://doi.org/10.1038/s42003-023-04882-3>
- Stumpf, S., Kettler, C., Kindlimann, R., Cuny, G. & J. Kriwet. 2023. **The oldest Gondwanan record of the extinct durophagous chondrichthyan, *Strophodus* from the Bajocian of Morocco.** *Swiss Journal of Palaeontology* 142. <https://doi.org/10.1186/s13358-023-00270-w>
- Villalobos-Segura, E., Stumpf, S., Türtscher, J., Jambura, P.L., Begat, A., López-Romero, F.A., Fischer, J. & J. Kriwet. 2023. **A synoptic review of the cartilaginous fishes (Chondrichthyes: Holocephali, Elasmobranchii) from the Upper Jurassic Konservat-Lagerstätten of southern Germany: taxonomy, diversity and faunal relationships.** *Diversity* 15. <https://doi.org/10.3390/d15030386>

- Jambura, P.L., Villalobos-Segura, E., Türtscher, J., Begat, A., Staggl, M.A., Stumpf, S., Kindlimann, R., Klug, S., Lacombat, F., Pohl, B., Maisey, J.G., Naylor, G.J.P. & J. Kriwet. 2023. Systematics and phylogenetic interrelationships of the enigmatic Late Jurassic shark *Protospinax annectans* Woodward, 1918 with comments on the shark-ray sister group relationship. *Diversity* 15. <https://doi.org/10.3390/d15030311>

## 2022

- Schade, M., Knötschke, N., Hörnig, M.K., Paetzl, C. & S. Stumpf 2022. Neurovascular anatomy of dwarf dinosaur implies precociality in sauropods. *eLife* 11. <https://doi.org/10.7554/eLife.82190>
- Stumpf, S., Meng, S. & J. Kriwet. Diversity patterns of Late Jurassic chondrichthyans: New insights from a historically collected hybodontiform tooth assemblage from Poland. *Diversity* 14(2): 85. <https://doi.org/10.3390/d14020085>
- Schade, M., Stumpf, S., Kriwet, J., Kettler, C. & C. Paff. Neuroanatomy of the nodosaurid *Struthiosaurus austriacus* (Dinosauria: Thyreophora) supports potential ecological differentiations within Ankylosauria. *Scientific Reports* 12, 144. <https://doi.org/10.1038/s41598-021-03599-9>

## 2021

- Feichtinger, I., Ivanov, A.O., Winkler, V., Dojen, C., Kindlimann, R., Kriwet, J., Pfaff, C., Schraut, G. & S. Stumpf. 2021. Scarce ctenacanthiform sharks from the Mississippian of Austria with an analysis of Carboniferous elasmobranch diversity in response to climatic and environmental changes. *Journal of Vertebrate Paleontology* 41(2), e1925902. <https://doi.org/10.1080/02724634.2021.1925902>
- Stumpf, S., Etches, S., Underwood, C.J. & J. Kriwet. 2021. *Durnonovariaodus maiseyi* gen. et sp. nov., a new hybodontiform shark-like chondrichyan from the Upper Jurassic Kimmeridge Clay Formation of England. *PeerJ* 9, e11362. <https://doi.org/10.7717/peerj.11362>
- Jambura, P.L., Stumpf, S. & J. Kriwet. 2021. Skeletal remains of the oldest known pseudocoracid shark *Pseudocorax kindlimanni* sp. nov. (Chondrichthyes, Lamniformes) from the Upper Cretaceous of Lebanon. *Cretaceous Research* 125, 104842. <https://doi.org/10.1016/j.cretres.2021.104842>
- Villalobos-Segura, E., Kriwet, J., Vullo, R., Stumpf, S., Ward, D.J. & C.J. Underwood. 2021. The skeletal remains of the euryhaline sclerorhynchid batoid *Onchopristis* (Elasmobranchii, Batoidea) from the 'mid' Cretaceous and its palaeontological implications. *Zoological Journal of the Linnean Society* 193(2): 746–771. <https://doi.org/10.1093/zoolinnean/zlaa166>
- Stumpf, S., López-Romero, F.A., Kindlimann, R. & J. Kriwet. 2021. A unique hybodontiform skeleton provides novel insights into Mesozoic chondrichthyan life. *Papers in Palaeontology* 7(3): 1479–1505. <https://doi.org/10.1002/spp2.1350>
- Thies, D., Stevens, K & S. Stumpf. 2021. Stomach contents of the Early Jurassic fish †*Lepidotes* Agassiz, 1832 (Actinopterygii, Lepisosteiformes) and their palaeoecological implications. *Historical Biology* 33(6): 868–879. <https://doi.org/10.1080/08912963.2019.1665040>

## 2020

- López-Romero, F.A., Stumpf, S., Paff, C., Marramà, G., Johanson, Z. & J. Kriwet. 2020. Evolutionary trends of the conserved neurocranium shape in angel sharks (Squatiniformes, Elasmobranchii). *Scientific Reports* 10, 12582. <https://doi.org/10.1038/s41598-020-69525-7>
- Jambura, P.L., Türtscher, J., Kindlimann, R., Metscher, B., Pfaff, C., Stumpf, S., Weber, G., & J. Kriwet. 2020. Evolutionary trajectories of tooth histology patterns in

modern sharks (Chondrichthyes, Elasmobranchii). *Journal of Morphology* 236(5): 753–771. <https://doi.org/10.1111/joa.13145>

## 2019

- Jambura, P.L., Kindlimann, R., López-Romero, F.A., R., Marramà, G., Pfaff, C., Stumpf, S., Türtscher, J., Underwood, C.J., Ward, D.J. & J. Kriwet. 2019. Micro-computed tomography imaging reveals the development of a unique tooth mineralization pattern in mackerel sharks (Chondrichthyes; Lamniformes) in deep time. *Scientific Reports* 9, 9652:1–13. <https://doi.org/10.1038/s41598-019-46081-3>
- Stumpf, S. & J. Kriwet. 2019. A new Pliensbachian elasmobranch (Vertebrata, Chondrichthyes) assemblage from Europe, and its contribution to the understanding of late Early Jurassic elasmobranch diversity and distributional patterns. *PalZ* 93:637–658. <https://doi.org/10.1007/s12542-019-00451-4>
- Stumpf, S., Scheer, U. & J. Kriwet. 2019. A new genus and species of extinct ground sharks, †*Diprosopovenator hilperti* gen. et. sp. nov. (Carcharhiniformes, †Pseudoscylorhinidae fam. nov.), from the Late Cretaceous of Germany. *Journal of Vertebrate Paleontology* 39(2). <https://doi.org/10.1080/02724634.2019.1593185>

## 2017

- Stumpf, S., J. Ansorge, C. Pfaff & J. Kriwet. 2017. Early Jurassic diversification of pycnodontiform fishes (Actinopterygii, Neopterygii) after the end-Triassic extinction event: Evidence from a new genus and species, *Grimmenodon aureum*. *Journal of Vertebrate Paleontology* 37(4). <https://doi.org/10.1080/02724634.2017.1344679>
- Maxwell, E. E. & S. Stumpf. 2017. Revision of *Saurorhynchus* (Actinopterygii: Sauroichthyidae) from the Early Jurassic of England and Germany. *European Journal of Taxonomy* 321:1–29. <https://doi.org/10.5852/ejt.2017.321>
- Konwert, M. & S. Stumpf. 2017. Exceptionally preserved Leptolepididae (Actinopterygii, Teleostei) from the late Early Jurassic Fossil-Lagerstätten of Grimen and Dobbertin (Mecklenburg-Western Pomerania). *Zootaxa* 4243:249–296. <https://doi.org/10.11646/zootaxa.4243.2.2>

## 2016

- Stumpf, S. 2016. New information on the marine reptile fauna from the lower Toarcian (Early Jurassic) "Green Series" of North-Eastern Germany. *Jahrbuch für Geologie und Paläontologie, Abhandlungen* 280(1):87–105. <https://doi.org/10.1127/njgpa/2016/0567>

## 2015

- Stumpf, S., J. Ansorge & W. Krempien. 2015. Gravisaurian sauropod remains from the late Early Jurassic (Lower Toarcian) of North-Eastern Germany. *Geobios* 48(3):271–279. <https://doi.org/10.1016/j.geobios.2015.04.001>

## NON-PEER-REVIEWED PUBLICATIONS

- Stumpf, S., Türtscher, J., Pfaff, C., Jambura, P.L. & Kriwet, J. 2021. Abstracts of the 92<sup>nd</sup> Annual Meeting of the Paläontologische Gesellschaft. *Berichte der Geologischen Bundesanstalt* 142, 102 pp.
- Kriwet, J., Göhlich, U.B. & S. Stumpf. 2019. 46. Treffen des Arbeitskreises Wirbeltierpaläontologie in Wien (Österreich). *GMIT* 76:100–101.
- Stumpf, S. & S. Meng. 2013. Verschleppt: Dinosaurier aus Nordostdeutschland. *Biologie in unserer Zeit* 43:362–368. <https://doi.org/10.1002/biuz.201310521>

## CONFERENCE ABSTRACTS

- Maxwell, E.E., Ebert, M., Johnson, M., Stumpf, S., Vincent, P. & S.L.A. Cooper. 2024. [Diversity and stratigraphic ranges of vertebrate faunas in the Toarcian Posidonienschiefer Formation \(Germany\)](#). *Symposium on Toarcian Palaeobiology, Bath, UK.*
- Amadori, M., Villalobos-Segura, E., Begat, A., Jambura, P.L., Türtscher, J., Stumpf, S. & J. Kriwet. 2024. [Reassessment of the "Sea-God" shark \*Phorcyne catulina\* from the Upper Jurassic of Europe](#). *Paleodays XXIV*:118.
- Staggl, M.A., De Gracia, C., López-Romero, F.A., Stumpf, S., Villalobos-Segura, E., Benton, M.J. & J. Kriwet. 2024. [Habitat availability and environmental covariates drive Mesozoic neoselachian diversification: a multi-variate approach](#). *Paleodays XXIV*:111.
- Stumpf, S., Schläffer, F., Novak, F.A., Villalobos-Segura, E., Kettler, C. & J. Kriwet. 2023. [Resurrection of the European Late Cretaceous ankylosaur, \*Struthiosaurus austriacus\* Bunzel, 1871](#). *93<sup>rd</sup> Annual Meeting of the Paläontologische Gesellschaft*: 36.
- Stumpf, S., Türtscher, J., López-Romero, F.A., Jambura, P.L., Villalobos-Segura, E. & J. Kriwet. 2023. [Are there any catsharks in the Jurassic?](#) *8<sup>th</sup> International Meeting on Mesozoic Fishes and Aquatic Tetrapods*: 56.
- Villaolobos-Segura, E., Stumpf, S. & J. Kriwet. 2023. [Reassessment of Late Jurassic elasmobranch fishes](#). *8<sup>th</sup> International Meeting on Mesozoic Fishes and Aquatic Tetrapods*: 57.
- Jambura, P.L., Villalobos-Segura, E., Türtscher, J., Klug, S., Maisey, J.G., Naylor, G.J.P., Staggl, M.A., Stumpf, S. & J. Kriwet. 2022. [Reconciling genetics and morphology: A revised phylogenetic analyses of the enigmatic elasmobranch \*Protospinax annectans\* from the Late Jurassic Lagerstätte of Solnhofen, Germany](#). *82<sup>th</sup> Annual Meeting of the Society of Vertebrate Paleontology*: 189.
- Staggl, M.A., Kriwet, J. & S. Stumpf. 2022. [End of the line: Quantifying the demise of hybodontiform shark-like chondrichthyans](#). *82<sup>th</sup> Annual Meeting of the Society of Vertebrate Paleontology*:314–315.
- Villaolobos-Segura, E., Stumpf, S. & J. Kriwet. 2022. [Reassessment of Late Jurassic elasmobranch fishes](#). *82<sup>th</sup> Annual Meeting of the Society of Vertebrate Paleontology*:335–336.
- Stumpf, S., Villaolobos-Segura, E., Kettler, C., Kindlimann, R. & J. Kriwet. 2022. [Taxonomy and systematic position of the Mesozoic hybodontiform shark-like chondrichthyan \*Strophodus\*](#). *93<sup>rd</sup> Annual Meeting of the Paläontologische Gesellschaft*: 64.
- Schade, M., Stumpf, S., Kriwet, J., Kettler, C. & C. Pfaff. 2021. [Unravelling the biology of the nodosaurid dinosaur \*Struthiosaurus austriacus\* from the Late Cretaceous of Austria](#). *Abstracts of the 92<sup>nd</sup> Annual Meeting of the Paläontologische Gesellschaft. Berichte der Geologischen Bundesanstalt* 142: 80.
- Stumpf, S., Underwood, C.J., Cuny, G. & J. Kriwet. 2021. [Living on the edge – Diversity patterns of hybodontiform shark-like chondrichthyans prior to the biotic turnover at the Jurassic–Cretaceous transition](#). *Abstracts of the 92<sup>nd</sup> Annual Meeting of the Paläontologische Gesellschaft. Berichte der Geologischen Bundesanstalt* 142: 89.
- Jambura, P.L., Kindlimann, R., López-Romero, F.A., R., Marramà, G., Pfaff, C., Stumpf, S., Türtscher, J., Underwood, C.J., Ward, D.J. & J. Kriwet. 2019. [Micro-CT](#)

- imaging reveals the origin of the lamniform sharks. *Abstracts of the 23<sup>th</sup> Annual Conference of the European Elasmobranch Association*: 21
- Stumpf, S., López-Romero, F.A. & J. Kriwet. 2019. On the diversity of Early Jurassic cartilaginous fishes across the Toarcian Oceanic Anoxic Event. *PeerJ Preprints* 7:e27975v1. <https://doi.org/10.7287/peerj.preprints.27975v1>
  - Thies, D., Stevens, K. & S. Stumpf. 2019. Stomach Contents of the Early Jurassic Fish † *Lepidotes AGASSIZ*, 1832 (Actinopterygii, Lepisosteiformes). *Paleo & Life – Abstracts of the 90<sup>th</sup> Annual Meeting of the Paläontologische Gesellschaft*: 144.
  - Stumpf, S., López-Romero, F.A., R. Kindlimann & J. Kriwet. 2019. Of teeth and spines: The riddle of *Strophodus'* (Hybodontiformes, Chondrichthyes) validity. *Paleo & Life – Abstracts of the 90<sup>th</sup> Annual Meeting of the Paläontologische Gesellschaft*: 143.
  - Jambura, P.L., Türtscher, J., Kindlimann, R., Marramà, G., Metscher, B., Pfaff, C., Stumpf, S., Underwood, C.J., Ward, D.J. & J. Kriwet. 2019. Evolutionary trends and the phylogenetic relevance of tooth mineralization patterns in sharks (Chondrichthyes; Elasmobranchii). *Journal of Morphology, Supplement 280 (International Congress of Vertebrate Morphology (ICVM) Abstract Issue)*: 1545.
  - Stumpf, S., López-Romero, F.A., R. Kindlimann & J. Kriwet. 2019. Never change a winning team: the Jurassic skeletal fossil record of †Hybodontiformes reveals new insights into taxonomic diversity and ecomorphological disparity of Mesozoic chondrichthyans. *Journal of Morphology, Supplement 280 (International Congress of Vertebrate Morphology (ICVM) Abstract Issue)*: 226.
  - Stumpf, S., Scheer, U. & J. Kriwet. 2018. What is a catshark? On the taxonomy and systematics of Mesozoic Carcharhiniformes (Elasmobranchii). *111<sup>th</sup> Annual Meeting of the German Zoological Society, Abstracts*: 292.
  - Stumpf, S. & J. Kriwet. 2018. Fine-scale diversity analysis of Jurassic Chondrichthyes disproves competition between Jurassic elasmobranch and hybodontiform fishes. *5<sup>th</sup> International Paleontological Congress, Abstract volume*: 125.
  - Stumpf, S. & J. Kriwet. 2018. New information on the diversity of Early Jurassic neoselachian sharks and rays and implications for a post-Pliensbachian neoselachian distributional turnover. *19. Jahrestagung Gesellschaft für Biologische Systematik, Abstract volume*: 50.
  - Stumpf, S. & M. Konwert. 2016. New information on the ichthyofauna from the late Early Jurassic Fossil-Lagerstätten of Grimmen and Dobbertin, NE Germany. *Fossils: Key to evolution, stratigraphy and palaeoenvironments*: 151.
  - Stumpf, S., M. Schade & C. Kettler. 2016. A second skeleton of a rhomaleosaurid plesiosaur from the Toarcian of Holzmaden. *Fossils: Key to evolution, stratigraphy and palaeoenvironments*: 150.
  - Stumpf, S. 2015. Vertebrate remains from the shallow-marine Early Jurassic (Lower Toarcian) "Green Series" clay of Grimmen, Western Pomerania, NE Germany. *ZfB-Scriptum, Veröffentlichungen des Zentrums für Biodokumentation* 4:52.
  - Stumpf, S. 2011. Plesiosaur remains from the Liassic clay pit of Klein-Lehmhagen near Grimmen, NE Germany. *Beiträge zur Paläontologie* 32:78.

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#### ATTENDED CONFERENCES

- 49. Arbeitskreistreffen Wirbeltierpaläontologie, Kiel, Germany, 2024  
Presentation: *What, if anything, is Hybodus?* (co-authors: Kettler, C., Cuny, G. & J. Kriwet)

- 94<sup>th</sup> Annual Meeting, Paläontologische Gesellschaft, Jena, Germany, 2023  
Poster: [Resurrection of the European Late Cretaceous ankylosaur, \*Struthiosaurus austriacus\* Bunzel, 1871](#) (co-authors: Schläffer, F., Novak, F.A., Villalobos-Segura, E., Kettler, C. & J. Kriwet)
- 8<sup>th</sup> International Meeting on Mesozoic Fishes and Aquatic Tetrapods, Stuttgart, Germany, 2023  
Presentation: [Are there any catsharks in the Jurassic?](#) (co-authors: Türtscher, J., López-Romero, F.A., Jambura, P.L., Villalobos-Segura, E. & J. Kriwet)
- 48. Arbeitskreistreffen Wirbeltierpaläontologie, Berlin, Germany, 2023  
Poster: [A unique shark with throat barbels from the Late Jurassic Solnhofen Archipelago](#) (co-authors: Türtscher, J., López-Romero, F.A., Jambura, P.L. & J. Kriwet)
- 93<sup>rd</sup> Annual Meeting, Paläontologische Gesellschaft, Stuttgart, Germany, 2022  
Presentation: [Taxonomy and systematic position of the Mesozoic hybodontiform shark-like chondrichthyan \*Strophodus\*](#) (co-authors: Villalobos-Segura, E., Kettler, C., Kindlimann, R. & J. Kriwet)
- 47. Arbeitskreistreffen Wirbeltierpaläontologie, Mainz, Germany, 2022  
Poster: [Revisiting \*Hybodus fraasi\* from the Solnhofen Archipelago based on photogrammetry](#) (co-authors: Kettler, C. & J. Kriwet)
- 92<sup>nd</sup> Annual Meeting, Paläontologische Gesellschaft, Vienna, Austria, 2021  
Presentation: [Living on the edge – Diversity patterns of hybodontiform shark-like chondrichthyans prior to the biotic turnover at the Jurassic–Cretaceous transition](#) (co-authors: C.J. Underwood, G. Cuny & J. Kriwet)
- 90<sup>th</sup> Annual Meeting, Paläontologische Gesellschaft, Munich, Germany, 2019  
Presentation: [Of teeth and spines: The riddle of \*Strophodus'\* \(Hybodontiformes, Chondrichthyes\) validity](#) (co-authors: López-Romero, F.A., Kindliman, R. & J. Kriwet)
- 3<sup>rd</sup> International Workshop on the Toarcian Oceanic Anoxic Event, Erlangen, Germany, 2019  
Presentation: [On the diversity of Early Jurassic cartilaginous fishes across the Toarcian Oceanic Anoxic Event](#) (co-authors: López-Romero, F.A. & J. Kriwet)
- 12<sup>th</sup> International Congress of Vertebrate Morphology (ICVM), Prague, Czech Republic, 2019  
Presentation: [Never change a winning team: the Jurassic skeletal fossil record of †Hybodontiformes reveals new insights into taxonomic diversity and ecomorphological disparity of Mesozoic chondrichthyans](#) (co-authors: López-Romero, F.A., Kindlimann, R. & J. Kriwet)
- 111<sup>th</sup> Annual Meeting, Deutsche Zoologische Gesellschaft, Greifswald, Germany, 2018  
Presentation: [What is a catshark? On the taxonomy and systematics of Mesozoic Carcharhiniformes \(Elasmobranchii\)](#) (co-authors: Scheer, U. & J. Kriwet)
- 5<sup>th</sup> International Paleontological Congress, Paris, France, 2018  
Presentation: [Fine-scale diversity analysis of Jurassic Chondrichthyes disproves competition between Jurassic elasmobranch and hybodontiform fishes](#) (co-author: J. Kriwet)

- 45. Arbeitskreistreffen Wirbeltierpaläontologie, Magdeburg, Germany, 2018  
Presentation: [New information on the diversity of Jurassic cartilaginous fishes](#)  
(co-author: J. Kriwet)
- 19<sup>th</sup> Annual Meeting, Gesellschaft für Biologische Systematik, Vienna, Austria, 2018  
Presentation: [New information on the diversity of Early Jurassic neoselachian sharks and rays and implications for a post-Pliensbachian neoselachian distributional turnover](#) (co-author: J. Kriwet)
- 44. Arbeitskreistreffen Wirbeltierpaläontologie, Münster, Germany, 2017  
Presentation: [Zur Diversität unterjurassischer pycnodontiformer Fische \(Actinopterygii, Neopterygii\)](#) (co-authors: Ansorge, J., Pfaff, C. & J. Kriwet)  
Presentation: [Revision von \*Saurorhynchus\* \(Actinopterygii, Saurichthyidae\) aus dem Unterjura von England und Deutschland](#) (co-author: E.E. Maxwell)
- 87<sup>th</sup> Annual Meeting, Paläontologische Gesellschaft, Dresden, Germany, 2016  
Poster: [A second skeleton of a rhomaleosaurid plesiosaur from the Toarcian of Holzmaden](#) (co-authors: Schade, M. & C. Kettler)  
Poster: [New information on the ichthyofaunal from the late Early Jurassic Fossil-Lagerstätten of Grimmen and Dobbertin, NE Germany](#) (co-author: M. Konwert).
- 43. Arbeitskreistreffen Wirbeltierpaläontologie, Thallichtenberg, Germany, 2016  
Presentation: [Weichtierhaltung bei \*Leptolepis\* \(Actinopterygii, Teleostei\) aus Grimmen und Dobbertin, NE Deutschland](#) (co-author: Konwert, M.)
- 86<sup>th</sup> Annual Meeting, Paläontologische Gesellschaft, Schiffweiler, Germany, 2015  
Presentation: [Vertebrate remains from the shallow-marine Early Jurassic \(Lower Toarcian\) "Green Series" clay of Grimmen, NE Germany.](#)
- 42. Arbeitskreistreffen Wirbeltierpaläontologie, Ahrensburg, Germany, 2015  
Presentation: [Wirbeltierreste aus dem Unteren Toarcium \(Unterer Jura\) von Grimmen, Nordostdeutschland.](#)
- 82<sup>nd</sup> Annual Meeting, Paläontologische Gesellschaft, Vienna, Austria, 2011  
Poster: [Plesiosaur remains from the Liassic clay pit of Klein-Lehmhagen near Grimmen, NE Germany.](#)

## COURSES HELD

### 2023S

- Paläobiodiversität\*
- Evolution and Diversity Research

### 2022W

- Individuelles Forschungsprojekt Geologie, Paläontologie und Geobiologie

### 2022S

- Paläobiodiversität\*
- Evolution and Diversity Research
- Individuelles Forschungsprojekt Geologie, Paläontologie und Geobiologie
- Vertebrate Evolution

### 2021W

- Individuelles Forschungsprojekt Geologie, Paläontologie und Geobiologie

### 2021S

- Paläobiodiversität\*
- Vertebrate Evolution
- Topics in Palaeontology

- Evolution and Diversity Research
- 2019W**
- Paläontologische Arbeitsmethoden–Labor\*
  - Methoden der Paläobiologie
- 2019S**
- Paläobiodiversität\*
  - Vertebrate Evolution
  - Vergleichende Morphologie und Evolution basaler Vertebraten
- 2018W**
- Paläontologische Arbeitsmethoden–Labor\*
- 2018S**
- Vertebrate Evolution
- \*BSc-Kurse
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## MEDIA

- 21.05.2024, [Falter](#): Auch Krähen, Tauben und Spatzen sind Dinosaurier
  - 28.04.2024. [NZZ](#): Raubdinosaurier hatten in Wirklichkeit Lippen
  - 22.04.2024, [ORF](#): Österreichs Dino war viel größer als gedacht
  - 21.02.2024, [Falter](#): Knochenarbeit. Vor 200 Jahren wurde der erste Dinosaurier entdeckt. Wo steht die Paläontologie heute?
  - 19.10.2023, [Profil](#): Küsse von T-Rex: Ein Best-of der Dinosaurier-Forschung
  - 18.04.2023, [Der Standard](#): Die Kiefer von Tiefseehaien sind überraschend vielseitig
  - 21.12.2022, [Der Standard](#): *Europasaurus* war ein Inselzwerg und Nestflüchter
  - 20.01.2022, [CNN](#): ‘Living fortress’ dinosaur was lonesome, sluggish and hard of hearing
  - 18.01.2022, [Ö1 Radiointerview](#): Was von den Herrschern der Urzeit blieb
  - 12.01.2022, [Der Standard](#): Österreichs einziger Dino ging im Bummelschritt
  - 13.04.2021, [PeerJblog](#), Author Interview: Palaeontologists have identified a new 150-million-year-old hybodontiform shark-like chondrichthyan
  - 12.04.2021, [The Express](#): Ancient shark species discovered on England's coast prowled the seas 150 million years ago
  - 12.04.2021, [Der Standard](#): Überreste eines bisher unbekannten Urzeithais entdeckt
  - 11.04.2021, [ORF](#): 150 Mio. Jahre alter Urzeithai entdeckt
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