

List of Publications

submitted

- BAHR, A., SCHÖNFELD, J., HOFFMANN, J., VOIGT, S., AURAHS, R., KUCERA, M., FLÖGEL, S., JENTZEN, A., GERDES, A., submitted. Comparison of Ba/Ca and $\delta^{18}\text{O}_{\text{WATER}}$ as freshwater proxies: a multi-species core-top study on planktonic foraminifera from the vicinity of the Orinoco River mouth. *Earth and Planetary Science Letters*.
- JUNG, C., KOCH, M., VOIGT, S. FRIEDRICH, O., FRANK, M. submitted. Campanian-Maastrichtian ocean circulation in the tropical Pacific. *Paleoceanography*.

2013

- VOIGT, S., JUNG, C., FRIEDRICH, O., FRANK, M., TESCHNER, C., HOFFMANN, C. accepted. Tectonically restricted deep-ocean circulation at the end of the Cretaceous greenhouse. *Earth and Planetary Science Letters*.
- FISCHER, J., SCHNEIDER, J.W., VOIGT, S., JOACHIMSKI, M.M., TICHOMIROWA, M., TÜTKEN, T., GÖTZE, J., BERNER, U. 2013. Oxygen and strontium isotopes from fossil shark teeth: environmental and ecological implications for Late Palaeozoic European basins. *Chemical Geology*, **342**, 44–62.

2012

- FISCHER, J., VOIGT, S., FRANZ, M., SCHNEIDER, J.W., JOACHIMSKI, M.M., TICHOMIROWA, M., GÖTZE, J., FURRER, H. 2012. Palaeoenvironments of the late Triassic Rhaetian Sea: implications from oxygen and strontium isotopes of hybodont shark teeth. *Palaeogeography Palaeoclimatology Palaeoecology*, **353–355**, 60–72.
- JUNG, C., VOIGT, S. and FRIEDRICH, O. 2012. High-resolution carbon-isotope stratigraphy across the Campanian-Maastrichtian boundary at Shatsky Rise (tropical Pacific). *Cretaceous Research*, **37**, 177-187.
- VOIGT, S., GALE, A.S., JUNG, C. and JENKYN, H.C. 2012. Global correlation of Upper Campanian–Maastrichtian successions using carbon-isotope stratigraphy: development of a new Maastrichtian Timescale. *Newsletters on Stratigraphy*, **45/1**, 25–53.

2011

- FRIEDRICH, O., VOIGT, S., KUHN, T., KOCH, M. 2011. Repeated bottom-water oxygenation during OAE 2: Timing and duration of short-lived benthic foraminiferal repopulation events (Wunstorf, northern Germany). *Journal of Micropaleontology*, **30**, 119-128.
- FISCHER, J., VOIGT, S. SCHNEIDER, J.W., BUCHWITZ, M., VOIGT, S. 2011. A Selachian freshwater fauna from the Triassic of Kyrgyzstan and its implication for Mesozoic shark nurseries. *Journal of Vertebrate Paleontology*, **31/5**, 937-953.
- FLÖGEL, S., WALLMANN, K., POULSEN, C.J., ZHOU, J., OSCHLIES, A., VOIGT, S., KUHN, W. 2011. Simulating the biogeochemical effects of volcanic CO₂ degassing on the oxygen-state of the deep ocean during the Cenomanian/Turonian Anoxic Event (OAE 2). *Earth and Planetary Science Letters*, **305**, 371-384.

2010

- WALASZCZYK, I., WOOD, C.J., LEES, J.A., PERYT, D., VOIGT, S., WIESE, F. 2010. The Salzgitter-Salder Quarry (Lower Saxony, Germany) and Słupia Nadbrzeżna river cliff section (central Poland): a proposed candidate composite Global Boundary Stratotype Section and Point for the base of the Coniacian Stage (Upper Cretaceous). *Acta Geologica Polonica*, **60/4**, 445-477.

- VOIGT, S., FRIEDRICH, O., NORRIS, R. D. & SCHÖNFELD, J. 2010. Campanian – Maastrichtian carbon isotope stratigraphy: shelf–ocean correlation between the European shelf sea and the tropical Pacific Ocean. *Newsletters on Stratigraphy*, **44/1**, 57-72.
- VOIGT, S. & SCHÖNFELD, J. 2010. Cyclostratigraphy of the reference section for the Cretaceous white chalk of northern Germany, Lägerdorf — Krons Moor: a late Campanian – early Maastrichtian orbital time scale. *Palaeogeography Palaeoclimatology Palaeoecology*, **287**, 67-80.

2009

- ZACKE, A., VOIGT, S., GALE, A.S., & JOACHIMSKI, M.M., 2009. Surface water freshening and high-latitude river discharge in the Eocene North Sea. *Journal of the Geological Society*, **166**, 969–980. doi: 10.1144/0016-76492008-068.

2008

- GALE, A. S., VOIGT, S., SAGEMAN, B. B., KENNEDY, W. J. 2008. Eustatic sea-level record for the Cenomanian (Late Cretaceous) – Extension to the Western Interior Basin, USA. *Geology*, **36**(11), 859-862.
- VOIGT, S., 2008. Saline water sinking. *Nature Geoscience*, **1**(7), 423-424.
- VOIGT, S. & WAGREICH, M. (CO-ORDINATORS), SURLYK, F., WALASZCZYK, I., ULIČNÝ, D., ČECH, S., VOIGT, T., WIESE, F., WILMSEN, M., NIEBUHR, B., REICH, M., FUNK, H., MICHALÍK, J., JAGT, J.W.M., FELDER, P. J. & SCHULP, A. 2008. Cretaceous. In: MCCANN, T. (Ed.) *Geology of Central Europe*. Volume 2, Geological Society, London, pp. 923-997, 39 figs.
- VOIGT, T., REICHERTER, K., VON EYNATTEN, H., LITCKE, R., VOIGT, S. & KLEY, J. 2008. Sedimentation during basin inversion. In: LITCKE, R., BEYER, U., GAJEWSKI, D. & NELSKAMP, S. (Eds) *Dynamics of complex sedimentary basins. The example of the Central European Basin System*. Springer, Berlin, Heidelberg, pp. 211-228.
- VOIGT, S., ERBACHER, J., MUTTERLOSE, J., WONIK, T., WESTERHOLD, T., WIESE, F., WILMSEN, M., WEISS, W., 2008. The Cenomanian-Turonian of the Wunstorf section (N-Germany): global stratigraphic reference section and new orbital time scale for Oceanic Anoxic Event 2. *Newsletters on Stratigraphy*, **43/1**, 65-89.
- EKRT, B., KOŠTÁK, M., MAZUCH, M., VOIGT, S., WIESE, F. 2008. New records of teleosts from the Late Turonian (Late Cretaceous) of the Bohemian Cretaceous Basin (Czech Republic). *Cretaceous Research*, **29**, 659-673.

2007

- NIEBUHR, B., HISS, M., KAPLAN, U., TRÖGER, K.-A., VOIGT, S., VOIGT, T., WIESE, F. and WILMSEN, M. 2007. Beitrag zur Stratigraphie von Deutschland: Lithostratigraphie der norddeutschen Oberkreide. *Schriftenreihe der Deutschen Gesellschaft für Geowissenschaften*, H. 55, 136 S., ISBN 978-3-510-49202-2
- FARKAŠ, J., BÖHM, F., WALLMANN, K., BLENKINSOP, J., EISENHAEUER, T., VAN GELDERN, R., MUNNECKE, A., VOIGT, S. and VEIZER, J. 2007. Calcium isotope budget of Phanerozoic oceans: Implications for chemical evolution of seawater and its causative mechanisms. *Geochimica et Cosmochimica Acta*, **71**, 5117-5134.
- VOIGT, S., SUHR, P. & VOIGT, T. 2007. Exkursion E2 Sächsische Kreide. In: Elicki, O. ; Schneider, J. W. (Hrsg.) : *Fossile Ökosysteme : Exkursionsführer zur 77. Jahrestagung der Paläontologischen Gesellschaft*. Wissenschaftliche Mitteilungen, Institut für Geologie, TU Bergakademie Freiberg, S. 49-64.
- ERBACHER, J., MUTTERLOSE, J., WILMSEN, M., WONIK, T. & the WUNSTORF DRILLING SCIENTIFIC PARTY 2007. The Wunstorf Drilling Project: Coring a Global Stratigraphic Reference Section of the

Oceanic Anoxic Event 2. *Scientific Drilling*, **4**, 19-21.

VOIGT, S., AURAG, A., LEIS, F. & KAPLAN, U. 2007. Late Cenomanian to Middle Turonian high-resolution carbon isotope stratigraphy: new data from the Münsterland Cretaceous Basin, Germany. *Earth and Planetary Science Letters*, **253**, 196-210.

2006

WIESE, F. HISS, M. & VOIGT, S. 2006. Salder-Formation. In LithoLex [Online-Datenbank]. Hannover, BGR, Last updated 22.06.2006, Record No. 2008022. Available from:
http://www.bgr.bund.de/DE/Themen/GG__Palaeontol/LithoLex

WIESE, F. HISS, M. & VOIGT, S. 2006. Söhlde-Formation. In LithoLex [Online-Datenbank]. Hannover, BGR, Last updated 22.06.2006, Record No. 2008023. Available from:
http://www.bgr.bund.de/DE/Themen/GG__Palaeontol/LithoLex

VOIGT, S., GALE, A. S. & VOIGT, T. 2006. Sea level change, carbon cycling and palaeoclimate during the Late Cenomanian of northwest Europe; an integrated palaeoenvironmental analysis. *Cretaceous Research*, **27**, 836-858.

2005

GALE, A. S., KENNEDY, W. J., VOIGT, S. & WALASZCZYK, I. 2005. Stratigraphy of the Late Cenomanian-Early Turonian Chalk succession at Eastbourne, Sussex, UK: ammonites, inoceramid bivalves and stable carbon isotopes. *Cretaceous Research*, **26**, 460-487.

2004

VOIGT, S., FLÖGEL, S. & GALE, A. S. 2004. Midlatitude shelf seas in the Cenomanian-Turonian greenhouse world: Temperature evolution and North Atlantic circulation. *Paleoceanography*, **19**, doi:10.1029/2004PA001015.

WIESE, F., ČECH, S., EKRT, B., KOŠTÁK, M., & MAZUCH, M., VOIGT, S. 2004. The Upper Turonian of the Bohemian Cretaceous Basin (Czech Republic) exemplified by the Úpohlavy working quarry: integrated stratigraphy and palaeoceanography of a gateway to the Tethys [Cretaceous Research 25 (2004) 329-352] - Reply. *Cretaceous Research*, **26**, 736-739.

KOŠTÁK, M., ČECH, S., EKRT, B., MAZUCH, M., WIESE, F., VOIGT, S. & WOOD, C. J. 2004. Belemnites of the Bohemian Cretaceous Basin in a global context. *Acta Geologica Polonica*, **54**, 511-533.

WIESE, F., ČECH, S., EKRT, B., KOŠTÁK, M., & MAZUCH, M., VOIGT, S. 2004. The Upper Turonian of the Bohemian Cretaceous Basin (Czech Republic) exemplified by the Úpohlavy working quarry: integrated stratigraphy and palaeoceanography of a gateway to the Tethys. *Cretaceous Research*, **25**, 329-352.

2003

VOIGT, S., WILMSEN, M., MORTIMORE, R. N. & VOIGT, T. 2003. Cenomanian palaeotemperatures derived from the oxygen isotopic composition of brachiopods and belemnites: evaluation of Cretaceous palaeotemperature proxies. *International Journal of Earth Sciences (Geologische Rundschau)*, **92**, 285-299.

2002

WIESE, F. & VOIGT, S. 2002. Late Turonian (Cretaceous) climate cooling in Europe: faunal response and possible causes. *Géobios*, **35**, 65-77.

VOIGT, S. 2002. Tethys. In: *Lexikon der Geowissenschaften*. Spektrum Akademischer Verlag, Heidelberg-Berlin, vol. 5, 174-175.

2001

- EKRT, B., KOŠTÁK, M., MAZUCH, M., VALICECK, J., VOIGT, S. & WIESE, F. 2001. Short note on new records of late Turonian (Upper Cretaceous) marine reptile remains from the Upohlavy quarry (NW Bohemia, Czech Republic). *Bulletin of the Czech Geological Survey*, **76**, 101-106.
- VOIGT, S. & TRAGELEHN, H. 2001. Kreide. In: *Lexikon der Geowissenschaften*. Spektrum Akademischer Verlag, Heidelberg-Berlin, vol. 3, p. 183-185.
- VOIGT, S. 2001. Isotopenstratigraphie. In: ALEXOWSKY, W., SCHNEIDER, J. W., TRÖGER, K.-A. & WOLF, L. (eds) *Geologische Karte des Freistaates Sachsens 1 : 25 000, Erläuterungen zu Blatt 4948 Dresden*. Sächsisches Landesamt für Umwelt und Geologie, Freiberg, 61-64.

2000

- VOIGT, S. 2000. Stable oxygen and carbon isotopes from brachiopods of southern England and northwestern Germany: estimation of Upper Turonian palaeotemperatures. *Geological Magazine*, **137**, 687-703.
- VOIGT, S. 2000. Cenomanian-Turonian composite $\delta^{13}\text{C}$ curve for Western and Central Europe - The role of organic and inorganic carbon fluxes. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **160**, 91-104.
- VOIGT, S. & WIESE, F. 2000. Evidence for Late Cretaceous (late Turonian) climate cooling from oxygen-isotope variations and palaeobiogeographic changes in Western and Central Europe. *Journal of the Geological Society*, **157**, 737-744.

1999

- HAY, W. W., DECONTO, R. M., WOLD, C. N., WILSON, K. M., VOIGT, S., SCHULZ, M., WOLD-ROSSBY, A., DULLO, W.-C., RONO, A. B., BALUKHOVSKY, A. N. & SÖDING, E. 1999. Alternative global Cretaceous paleogeography. In: BARRERA, E. & JOHNSON, C. C. (eds) *Evolution of the Cretaceous Ocean-Climate System*. Boulder, Geological Society of America Special Paper 332, 1-47.
- VOIGT, S., HAY, W. W., HÖFLING, R. & DECONTO, R. M. 1999. Biogeographic distribution of late Early to Late Cretaceous rudist-reefs in the Mediterranean as climate indicators. In: BARRERA, E. & JOHNSON, C. C. (eds) *Evolution of the Cretaceous Ocean-Climate System*. Geological Society of America, Boulder, Colorado, Special Paper 332, 91-103.

1997

- VOIGT, S. 1997. Revision der stratigraphischen Position der Schicht "T" im Mittelturon des Steinbruches Salzgitter-Salder (Niedersachsen). *Freiberger Forschungshefte*, **468**, 273-278.
- VOIGT, S. & HILBRECHT, H. 1997. Late Cretaceous carbon isotope stratigraphy in Europe: Correlation and relations with sea level and sediment stability. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **134**, 39-60.
- VOIGT, S., HORNA, F. & VOIGT, T., 1997, Prof. Dr. Karl-Armin Tröger zur feierlichen Emeritierung und zum 65. Geburtstag. *Freiberger Forschungshefte (Paläontologie, Stratigraphie, Fazies)*, **C 468**, 5-8.

1996

- DULLO, W.-C., HAY, W. W., TRÖGER, K.-A., VOIGT, S., HÖFLING, R. & FRANK, G. 1996. Paleoceanography of the Cretaceous Tethys. *Göttinger Arbeiten zur Geologie und Paläontologie*, **Sb3**, (Global and Regional Controls on Biogenic Sedimentation, II. Cretaceous Sedimentation. Research Reports, 147-150.
- HILBRECHT, H., FRIEG, C., TRÖGER, K.-A., VOIGT, S. & VOIGT, T. 1996. Shallow water facies during the

Cenomanian-Turonian anoxic event: bio-events, isotopes, and sea level in southern Germany. *Cretaceous Research*, **17**, 229-253.

- TRÖGER, K.-A., VOIGT, S. & HILBRECHT, H. 1996. Controlling processes on Late Cretaceous pelagic shelf carbonates - sea level, nutrient cycle and water mass dynamics (Cretaceous Epicontinental Gateway Project CEGAP). *Göttinger Arbeiten zur Geologie und Paläontologie*, **Sb3**, (Global and Regional Controls on Biogenic Sedimentation, II. Cretaceous Sedimentation. Research Reports, 133-137.
- VOIGT, S. 1996. Paläobiogeographie oberkretazischer Inoceramen und Rudisten - Ozeanographische und klimatologische Konsequenzen einer neuen Paläogeographie. *Münchner Geowissenschaftliche Abhandlungen*, Reihe A, **31**, 102, (Dissertation; TU Bergakademie Freiberg, Fakultät für Geowissenschaften, Geotechnik und Bergbau; 122 pp.)

1995

- VOIGT, S. 1995. Palaeobiogeography of early Late Cretaceous inoceramids in the context of a new paleogeography. *Cretaceous Research*, **16**, 343-356.
- VOIGT, S. 1995. Verbreitung humider und arider Klimate der nördlichen Hemisphäre während der Oberkreide. *Berliner geowissenschaftliche Abhandlungen*, **E 16**, 201-205.

1994

- VOIGT, T., VOIGT, S. & TRÖGER, K.-A. 1994. Fazies-Entwicklung einer ertrunkenen Felsküste - die obercenomane Monzonitklippe westlich von Dresden. *Freiberger Forschungshefte*, **C 452**, 23-34.

1993

- STANEK, K.-P. & VOIGT, S. 1993. Model of Meso-Cenozoic evolution of the northwestern Caribbean. *Zentralblatt für Geologie und Paläontologie* 499-511.