



Mali Karatau 2011, Kazakhstan

Dorothee Hippler, Dipl. Geol. Dr. phil.-nat.
Institute of Applied Geosciences
Graz University of Technology
Rechbauerstr. 12
A – 8010 Graz

Education

Nov. 2004 Dissertation, University of Bern (CH), Institute of Geosciences, “Assessing the potential of calcium isotope thermometry in tropical and polar oceans”
Feb. 2001 Diploma in Geology/Palaeontology, Albert-Ludwigs-University Freiburg i. Br. (D), Institute of Geology and Palaeontology, “Sedimentology, Palaeoecology and Geochemistry of the Upper Cretaceous El Molino Formation, Sucre (Bolivia)”

Career History

Since Oct. 2013 Research Associate and Lecturer (“Professorinnenlaufbahnstelle”), Graz University of Technology, Institute of Applied Geosciences
Feb. 2011-Sept. 2013 Research Associate (DFG – “Eigene Stelle”), Technical University Berlin (D), Institute of Applied Geosciences
May 2009-Feb. 2011 Research Associate, Technical University Berlin (D), Institute of Applied Geosciences
May 2005-Jan. 2009 Post-doctoral Research Fellow, VU Amsterdam (NL), Institute of Sedimentology and Marine Geology
Dec. 2004-Feb. 2005 Post-doctoral Research Fellow, Univ. of Bern (CH), Institute of Geosciences
April 2001-Nov. 2004 Research and Teaching Assistant, Univ. of Bern (CH), Institute of Geosciences

Research interests

- Biominerals (e.g. of mollusks, foraminifera) and authigenic mineral phases as archives of depositional- and environmental conditions, as well as ocean chemistry
- Biomineralization
- Precambrium-Cambrian Boundary
- Interactions between geo-, hydro- and biosphere
- Marine element cycles – e.g. phosphorus, calcium, silica

- Sediment- and marine geochemistry: trace elements, REE, non-traditional stable isotopes (e.g. Ca, Mg and Si)

Awards

2012 - 2013 Selected participant of the 9th turn of the ProFiL-programme of Berlin's universities for excellent young female researchers (ProFiL – Professionalisierung für Frauen in Forschung & Lehre: Mentoring – Training – Networking) (<http://www.profil-programm.de/>).

Fieldwork and research cruises

April 2012 Hubei Province, Südchina (DFG-FOR 736)
 Sept. 2011 Mali und Bolshoi Karatau, Kasachstan (DFG-FOR 736)
 Mai 2011 Yunnan Province, Südchina (DFG-FOR 736)
 Okt. 2007 RV Littorina: Kieler Förde und Ostsee, IfM-Geomar, Kiel
 Febr. 2007 RV Haithabu: Kieler Förde und Ostsee, IfM-Geomar und Landesamt für Natur und Umwelt, Kiel
 Okt. 2006 RV Arca: Nordsee (Friesische Front), IMARES und NIOZ, Niederlande
 Dez. 2005 Perachora Halbinsel, Golf von Korinth, Griechenland
 Mai 2002 RV Sonne: Karibische See und Florida Straits (SO164 RASTA/GOLDFLOSS), IfM-Geomar, Kiel
 Nov. 2000 RV Meteor: Kanarische Inseln und Nordatlantik (M43-1 DECOS), IfM-Geomar, Kiel
 August 1998 Cordillera Oriental, Bolivien
 Sept 1997 „Swiss Dino Project“ Kartierprojekt zu den oberjurassischen Dinosaurierfährten der Nordschweiz, Moutier, Schweiz

Selected Referee Activities for Scientific Journals

- Geochimica et Cosmochimica Acta
- Chemical Geology
- Geo-Marine Letters
- Journal of Experimental Biology and Ecology

Memberships

- Deutscher Hochschulverband
- Geochemical Society
- Geological Society of America

Publications

D. Hippler, R. Witbaard, H. M. v. Aken, D. Buhl, A. Immenhauser (2013) Exploring the calcium isotope signature of *Arctica islandica* as an environmental proxy using laboratory- and field-cultured specimens. *Palaeogeography, Palaeoclimatology, Palaeoecology* 373, 75-87.

- D. Hippler, N. Hu, M. Steiner, G. Scholtz, G. Franz (2012) Experimental mineralization of crustacean eggs: new implications for the fossilization of Precambrian-Cambrian embryos. *Biogeosciences* 9, 1765-1775, doi: 10.5194/bg-9-1765-2012.
- S. Saraiva, J. v. d. Meer, S. A. L. M. Kooijman, R. Witbaard, C. J. M. Philippart, D. Hippler, R. Parker (2012) Validation of a Dynamic Energy Budget (DEB) model for the blue mussel *Mytilus edulis*. *Marine Ecology Progress Series* 463, 141-158.
- K. von Allmen, T. F. Nägler, T. Pettke, D. Hippler, E. Griesshaber, A. Logan, A. Eisenhauer, E. Samankassou (2010) Stable isotope profiles (Ca, O, C) through modern brachiopod shells of *T. septentrionalis* and *G. vitreus*: Implications for calcium isotope paleo-ocean chemistry. *Chemical Geology* 269, 210-219.
- D. Hippler, D. Buhl, R. Witbaard, D. K. Richter, A. Immenhauser (2009) Towards a better understanding of magnesium-isotope ratios from marine skeletal carbonates. *Geochimica et Cosmochimica Acta* 73 (1), 90-100.
- D. Hippler, R. Kozdon, K. F. Darling, A. Eisenhauer, T. F. Nägler (2009) Calcium isotopic composition of high-latitude proxy carrier *Neogloboquadrina pachyderma* (sin.). *Biogeosciences* 6, 1-14.
- M. H. Klünder, D. Hippler, R. Witbaard, A. Immenhauser, D. Frei (2008) Laser ablation analysis of bivalve shells – archives of environmental information. *Geological Survey of Denmark and Greenland Bulletin* 15, 89-92.
- D. Fleitmann, S. J. Burns, A. Mangini, M. Mudelsee, J. D. Kramers, I. Villa, U. Neff, A. A. Al-Subbary, A. Büttner, D. Hippler, A. Matter (2007) Holocene ITCZ and Indian monsoon dynamics recorded in stalagmites from Oman and Yemen (Socotra). *Quaternary Science Reviews* 26, 170-188.
- D. Hippler, A. Eisenhauer, T. F. Nägler (2006) Tropical SST history inferred from Ca isotope thermometry over the last 140ka. *Geochimica et Cosmochimica Acta* 70, 90-100.
- A. Immenhauser, T. F. Nägler, T. Steuber, D. Hippler (2005) A critical assessment of mollusk $^{18}\text{O}/^{16}\text{O}$, Mg/Ca, and $^{44}\text{Ca}/^{40}\text{Ca}$ ratios as proxies for Cretaceous seawater temperature seasonality. *Palaeogeography, Palaeoclimatology, Palaeoecology* 215, 221-237.
- A. Eisenhauer, T. F. Nägler, P. Stille, J. Kramers, N. Gussone, J. Fietzke, B. Bock, F. Böhm, D. Hippler, A. D. Schmitt (2004) Proposal for international agreement on Ca notation resulting from discussions at workshops on stable isotope measurements held in Davos (Goldschmidt 2002) and Nice (EGS-AGU-EUG 2003). *Geostandard Newsletters* 28, 149-151.
- D. Hippler, A.-D. Schmitt, N. Gussone, A. Heuser, P. Stille, A. Eisenhauer, T. F. Nägler (2003) Ca isotopic composition of various standards and seawater. *Geostandard Newsletters* 27, 13-19.
- C. A. Meyer, D. Hippler, M. G. Lockley (2001) The Late Cretaceous ichnofacies of Bolivia - facts and implications. VII Int. Symp. Mesoz. Terrest. Ecosyst., *A. P. A. Publicación Especial* 7, 133-138.

Abstract and Conference Contributions

- D. Hippler, G. Franz, M. Steiner (2013) The onset of phosphate biomineralization – New insights from the Ediacaran-Cambrian fossil record of the Yangtze Platform, South China. Abstract EAB-T10, 12th Int. Symposium on Biomineralization, Freiberg, Germany.
- N. Biedermann, D. Hippler, A. Klügel, G. Franz (2013) REE-determination in apatite by LA-ICP-MS from Precambrian phosphorites (Yangtze Platform, South China). IGSC 2013, Berlin, Germany.
- X. Sun, C. Heubeck, M. Steiner, J. Maletz, D. Hippler (2012) Sedimentary environment of the Precambrian-Cambrian transition in the Meishucun area, South China. *Terra Nostra* 2012-3, Jahrestagung der Paläontologischen Gesellschaft 2012, Berlin, Germany.

- D. M. Banerjee, D. Hippler, G. Franz (2012) New mineralogical data from the Proterozoic-Cambrian boundary phosphorite. 34th Int. Geological Congress, Brisbane, Australia.
- D. Hippler, C. Heubeck, G. Franz (2012) Lowermost Cambrian phosphorites from the south-western Yangtze Platform, Yunnan (South China). GAC-MAC 2012, St. John's, Canada.
- H. Becker, W. Bärö, M. Quiring, K. Hammerschmidt, U. Wiechert, D. Hippler (2012) Primary signals vs. redistribution of major and trace elements by fluid flow in slope facies Ediacaran carbonates from the Yangtze Platform (South China). Mineralogical Magazine, 76 (6), 1464, Goldschmidt Conference 2012, Montreal, Canada.
- S. V. Hohl, H. Becker, D. Hippler, W. Bärö (2012) Trace element abundances in Doushantuo cap dolostones from platform and slope settings, Yangtze Platform, South China. Mineralogical Magazine, 76 (6), 1855, Goldschmidt Conference 2012, Montreal, Canada.
- D. M. Banerjee, G. Franz, D. Hippler (2011) New contribution to mineralogy of the Mussoorie Phosphorite. Int. Conference on Indian Monsoon and Himalayan Geodynamics 2011, Dehradun.
- D. Hippler and G. Franz (2011) Rare earth elements of Precambrian-Cambrian phosphorites from the Yangtze Platform (S. China). Mineralogical Magazine, 75 (3), 1026, Goldschmidt Conference 2011, Prag, Czech Republic.
- M. Stuff, D. Hippler, M. Koch-Müller, G. Franz (2011) Exploring Precambrian and Cambrian sedimentary apatite by Raman and FTIR spectroscopy. Sediment 2011, Leipzig, Tagungsband, p. 96.
- R. Witbaard and D. Hippler (2010) Following seasonal shell growth in *Arctica islandica*. 2nd International Sclerochronology Conference 2010, Terra Nostra – Schriften der GeoUnion Alfred-Wegener-Stiftung, Berlin.
- D. Hippler, M. Stuff, F. Schiperski, N. Hu, J. Wagner, G. Franz (2010) Precambrian-Cambrian carbonate-phosphorite and chert-phosphorite assemblages from the Yangtze Platform, China. GSA Annual Meeting 2010, Denver (USA), The Geological Society of America.
- D. Hippler, N. Hu, R. Mbacke, G. Scholtz, G. Franz (2010) Experimental phosphatization of crustacean embryos: The potential key to understand exceptional morphology preservation. GSA Annual Meeting 2010, The Geological Society of America.
- Heubeck, C., and members of the DFG Forschergruppe 736 (2009) The Precambrian-Cambrian ecosphere revolution: Can insights from Chinese microcontinents be generalized? GV Annual Meeting, Abstracts Volume, Universitätsverlag Göttingen, p. 57.
- D. Hippler (2009) Mineralogical investigations of concretionary nodules at the Precambrian-Cambrian boundary. Abstracts GV Annual Meeting 2009, Göttingen, Universitätsverlag Göttingen, p. 61.
- N. Hu, D. Hippler, G. Franz (2009) Mineralogy and sedimentary facies of the first “phosphate giant”, Yangtze Platform, SW China. Abstracts GV Annual Meeting 2009, Göttingen, Universitätsverlag Göttingen, p. 65.
- A. Wegwerth, O. Dellwig, U. Struck, D. Hippler, P. L. Gehlken, J. Trappe, G. Franz, M. E. Böttcher, C. Heubeck (2009) Biogeochemistry and petrography of Early Cambrian phosphorites from the Meishucun section, Yangtze Platform, South China. Abstracts GV Annual Meeting 2009, Göttingen, Universitätsverlag Göttingen, p. 146.
- R. Witbaard and D. Hippler (2009) Seasonal shell growth record of *Arctica islandica*: Results from a field experiment. Bivalve Workshop Series, May 2009, Bruxelles, Belgium.
- D. Hippler, D. Buhl, R. Witbaard, A. Immenhauser (2009) Ca-isotope fractionation in modern and fossil bivalve shell carbonate. Geophysical Research Abstracts, 6th EGU General Assembly, Copernicus GmbH (Copernicus Publications) on behalf of European Geosciences Union (EGU), EGU2009-9113.

- D. Hippler (2008) Unravelling bivalve shell chemistry: Implications for an improved understanding of environmental proxies in high-resolution archives, 26th IAS Meeting of Sedimentology, Bochum, Germany.
- R. Witbaard, D. Hippler (2008) Growth conditions and ecology of *Arctica islandica*, *Arctica islandica* Workshop, Bangor, Wales.
- D. Hippler, R. Witbaard, D. Buhl, A. Immenhauser (2008) Environmental versus biological controls on multi-proxy records from bivalve shell carbonate, EGU General Assembly, Vienna, Austria, 2008.
- M. H. Klünder, D. Hippler, D. Frei, R. Witbaard, A. Immenhauser, A. Eisenhauer (2008) Ontogenetic influence on *Mytilus edulis* growth rates and calcite Mg/Ca ratio, EGU General Assembly, Vienna, Austria.
- D. Hippler (2008) The potentials and pitfalls of high-resolution analytical techniques in biogenic carbonate research, NAC9, Veldhoven, Netherlands.
- D. Hippler, R. Witbaard, D. Buhl, A. Immenhauser (2008) Ca isotope fractionation in modern and fossil bivalve shell carbonate, European Divalent Cation- and Annual ESF-CASIOPEIA-Workshop, München, Germany.
- D. Hippler, M. H. Klünder, R. Witbaard, D. Buhl, D. Richter, D. Frei, A. Immenhauser (2007) Environmental versus biological controls on multi-proxy records from bivalve shell carbonate, AGU Fall Meeting, San Francisco, USA.
- D. Hippler, R. Witbaard, D. Buhl, D. Richter, A. Immenhauser (2007) Temperature and Salinity Relationships from Bivalve Shell Carbonate Using Calcium and Stable Isotope Ratio Profiles, 1. Int. Sklerochronology Conference, St. Petersburg, Florida, USA.
- D. Hippler, E. Griesshaber, R. Witbaard, A. Immenhauser (2007) The microstructure of bivalve shells – new insights from the ocean quahog *Arctica islandica*, 1. Int. Sklerochronology Conference, St. Petersburg, Florida, USA.
- A. Immenhauser, D. Hippler, D. Buhl (2007) The effect of early meteoric diagenesis on the Ca isotope system: A case study from altered Holocene/Pleistocene bivalves (Gulf of Corinth area, Greece), 1. Int. Sklerochronology Conference, St. Petersburg, Florida, USA.
- D. Hippler (2007) Aquaculture field experiments: Implications for an improved understanding of ancient shell midden archives, Workshop on stable isotopes in archaeological midden shells: High-resolution paleoclimatic and -environmental archives, McMaster University, Hamilton, Canada.
- D. Hippler, R. Witbaard, J. v. Iperen, D. Buhl, M. H. Klünder, D. Frei, A. Immenhauser (2007) Seasonal records and temperature relationships from bivalve shell carbonates using Ca isotopes and stable isotope ratio profiles, EGU General Assembly, Vienna, Austria.
- M. H. Klünder, D. Hippler, R. Witbaard, D. Frei, A. Immenhauser (2007) Trace Element records in *Mytilus edulis* shells – a proxy for environmental conditions, EGU General Assembly, Vienna, Austria.
- K. v. Allmen, E. Samankassou, T. F. Nägler, D. Hippler, A. Logan (2007) $\delta^{18}\text{O}$, $\delta^{13}\text{C}$ and $\delta^{44/40}\text{Ca}$ variations across the growth increments of the modern brachiopod *Terebratulina septentrionalis*: Record of ambient seasonal sea-surface temperature?, EGU General Assembly, Vienna, Austria.
- R. Kozdon, A. Eisenhauer, M. Weinelt, D. Hippler (2007) $\delta^{44/40}\text{Ca}$, Mg/Ca and $\delta^{18}\text{O}$ multiproxy approach reveals a two phase calcification process in *N. pachyderma* (sin.), EGU General Assembly, Vienna, Austria.
- D. Hippler, R. Witbaard, D. Buhl, M. H. Klünder, A. Immenhauser (2006) Environmentally or biologically controlled proxy records from bivalve shells of the Dutch Wadden Sea, AGU Fall Meeting, San Francisco, USA.

- M. H. Klünder, D. Hippler, R. Witbaard, D. Frei, A. Immenhauser (2006) Trace Element Uptake in Marine Bivalve Shells - Constraints from Field- and Laboratory Studies, AGU Fall Meeting, San Francisco, USA.
- D. Hippler, A. Immenhauser (2006) The effect of early meteoric diagenesis on the Ca-isotope system: A case study from altered Holocene/Pleistocene bivalves (Gulf of Corinth area, Greece). ISC Meeting, Fukuoka, Japan.
- D. Hippler, R. Witbaard, A. Immenhauser (2006) Environmental or biological records from bivalve shells (*Mytilus edulis*) of the Dutch Wadden Sea. Geophysical Research Abstracts, 8, EGU06-A-05598, EGU General Assembly, Vienna, Austria.
- T. F. Nägler, S. R. Hart, D. Hippler (2006) Seasonal Sr/Ca and $^{44}\text{Ca}/^{40}\text{Ca}$ co-variation in *Arctica islandica*. Geophysical Research Abstracts, 8, EGU06-A-02256, EGU General Assembly, Vienna, Austria.
- R. Kozdon, A. Eisenhauer, M. Weinelt, M. Meland, D. Hippler (2006) Paired Mg/Ca-Ca isotopes temperature estimates of *N. pachyderma* (sin.) in the Nordic Seas. Geophysical Research Abstracts, 8, EGU06-A-08816, EGU General Assembly, Vienna, Austria.
- A. Immenhauser, D. Hippler (2006) The effect of early meteoric diagenesis on the Ca-isotope system: A case study from altered Holocene/Pleistocene bivalves (Gulf of Corinth area, Greece). Geophysical Research Abstracts, 8, EGU06-A-05562, EGU General Assembly, Vienna, Austria.
- D. Hippler, A. Eisenhauer, A. Immenhauser (2005) CASIOPEIA – A collaborative research project within the EuroCLIMATE program evaluating the Ca isotope system ($\delta^{44/40}\text{Ca}$) in biogenic carbonate polymorphs as a new proxy for seawater temperature and secular variations of Ca concentration throughout Earth history, Abstract Sediment05, Thun, Switzerland.
- R. Kozdon, A. Eisenhauer, D. Hippler, M. Meland, M. Weinelt, J. Groeneveld (2005) A changing $\delta^{44/40}\text{Ca}$ temperature sensitivity of *N. pachyderma* (sin.) in the Nordic Seas reveals new insights in Mg/Ca temperature overestimations, Geophysical Research Abstracts, 7, EGU05-A-07096.
- R. Kozdon, A. Eisenhauer, D. Hippler, M. Meland, M. Weinelt, M. Sarnthein (2004) $\delta^{44/40}\text{Ca}$ and Mg/Ca ratios of *N. pachyderma* (sin.) in the Western Nordic Seas: Indications of changing carbonate chemistry controlled by water mass effects of foraminiferal metabolism, Eos Trans. AGU, 85(47), Fall Meet. Suppl. Abstract.
- D. Hippler, K. F. Darling, A. Eisenhauer, T. F. Nägler (2004) Ca isotopes in high-latitude marine settings: Testing the limits of reliable SST estimates based on *N. pachyderma* (sin.). Abstract 2nd Swiss GeoScience Meeting 2004, Lausanne, Switzerland.
- R. Kozdon, A. Eisenhauer, D. Hippler, C. Millo, G. Bartoli, U. Pflaumann, N. Gussone, M. Weinelt, M. Sarnthein (2004) $\delta^{44/40}\text{Ca}$ in North Atlantic *N. pachyderma* (sin.): Potentials and limits at the “cold end”. Int. Conference on Paleoceanography 2004, Biarritz (F), Abstract B2-9.
- D. Hippler, I. M. Villa, T. F. Nägler, J. Kramers (2004) A ghost haunts mass spectrometry: real isotope fractionation or analytical paradox? Abstracts of the 13th Annual V. M. Goldschmidt Conference 2004, Geochimica et Cosmochimica Acta, 68 (11S), A215.
- R. Kozdon, A. Eisenhauer, M. Sarnthein, M. Weinelt, J. Fieztke, N. Gussone, D. Hippler, B. Bock, C. Millo (2004) $\delta^{44/40}\text{Ca}$ in the planktonic foraminifer *N. pachyderma* (sin.): A new proxy for the reconstruction of past sea surface temperatures, Abstracts of the 13th Annual V. M. Goldschmidt Conference 2004, Geochimica et Cosmochimica Acta, 68 (11S), A478.
- R. Kozdon, A. Eisenhauer, M. Sarnthein, M. Weinelt, D. Hippler, N. Gussone, C. Millo, J. Simstich (2004) Calcium isotope fractionation in the planktonic foraminifer *N. pachyderma* (sin.) as a new and sensitive proxy for the reconstruction of sea surface temperatures in high northern latitudes, EGU 2004 Nice, Abstract EGU04-A-03641.

- D. Hippler, A. Müller, T. F. Nägler, A. Eisenhauer (2003) Temperature changes in tropical oceans over the last 140.000 years based on $\delta^{44/40}\text{Ca}$, Mg/Ca and $\delta^{18}\text{O}$: Warming predates melting at glacial-interglacial transitions, Eos. Trans. AGU, 64(46), Fall Meet. Suppl., Abstract PP32A-0277.
- D. Hippler, K. Darling, A. Eisenhauer, T. F. Nägler (2003) $\delta^{44/40}\text{Ca}$ in planktonic foraminifera: A new proxy for palaeo-sea surface temperatures in high- and low-latitude oceans, Berichte der Deutschen Mineralogischen Gesellschaft, Beih. Z. Eur. J. Mineral. Vol. 15, No.1, p. 83.
- D. Hippler, K. Darling, T. F. Nägler, A. Eisenhauer (2003) $\delta^{44/40}\text{Ca}$ in planktonic foraminifera *G. sacculifer* and *N. pachyderma* (sin.): A new proxy for palaeo-sea surface temperatures in high- and low-latitude oceans, Abstract, The Micropalaeontological Society's Foraminiferal Group Spring Meeting, GEOMAR, Kiel, Germany.
- D. Hippler, T. F. Nägler, A. Eisenhauer (2003) A 150ka record of sea surface temperature changes in the tropical Atlantic based on $\delta^{44/40}\text{Ca}$ in planktonic foraminifera *G. sacculifer*, EGS-AGU-EUG Joint Assembly, EAE03-A-02208; CL27-1WE2P-1403.
- A. Eisenhauer, N. Gussone, A. Heuser, T. F. Nägler, D. Hippler, H. Spero, D. Lea, J. Bijma, U. Reibesell, G. Langer (2003) Biogeochemical control on Ca-isotope fractionation, EGS-AGU-EUG Joint Assembly, EAE03-A-14683; VGP32-1TU3O-005.
- D. Hippler, N. Gussone, K. Darling, A. Eisenhauer, T. F. Nägler (2002) $\delta^{44}\text{Ca}$ in *N. pachyderma* (left): A promising tool for SST-reconstructions in high-latitude oceans, Eos. Trans. AGU, 83(47), Fall Meet. Suppl., Abstract PP51A-0305.
- T. F. Nägler, D. Hippler, C. Siebert, J. D. Kramers (2002) Paleoproxies: Heavy Stable Isotope Perspectives. Eos. Trans. AGU, 83(47), Fall Meet. Suppl., Abstract PP51A-0263.
- D. Hippler, N. Gussone, K. Darling, A. Eisenhauer, T. F. Nägler (2002) $\delta^{44}\text{Ca}$ in *N. pachy* (left): A new SST-proxy in polar regions, Abstracts of the 12th Annual V. M. Goldschmidt Conference 2002, Davos, Geochimica et Cosmochimica Acta 66, 15A, A331.
- A. Immenhauser, T. F. Nägler, T. Steuber, D. Hippler (2002) Seasonal variations in a "greenhouse" Earth: Cretaceous coastal sea surface temperatures inferred from $^{18}\text{O}/^{16}\text{O}$, Mg/Ca, $^{44}\text{Ca}/^{40}\text{Ca}$ ratios, Abstracts of the 12th Annual V. M. Goldschmidt Conference 2002, Davos, Geochimica et Cosmochimica Acta 66, 15A, A354.
- C. A. Meyer, D. Hippler, M. Lockley (2001) The Late Cretaceous vertebrate ichnofacies of Bolivia – Facts and implications, In: VII international symposium on Mesozoic terrestrial ecosystems, edited by H. A. Leanza, Publicacion Especial - Asociacion Paleontologica Argentina. 7; Pages 133-138.
- D. Hippler, C. A. Meyer (2000) The Late Cretaceous El Molino Formation: Reconstruction of a terrestrial depositional environment – A sedimentological and palaeoecological approach, Sediment 2000, Leoben, Austria.
- C. A. Meyer, L. Cavin, D. Hippler (1999) Dinosaur tracks and vertebrate remains from the Late Cretaceous of Bolivia, Proceedings, The Maastrichtian: a celebratory conference, Maastricht, Netherlands.
- D. Hippler, S. Bucher, C. A. Meyer (1999) Preliminary results of the sedimentology and ichnofacies of the El Molino Formation, Sucre (Bolivia), SwissSed, Fribourg, Switzerland.