

Seznam publikací/List of studies – Mgr. Filip Scheiner

- I. Scheiner, F., Holcová, K., Milovský, R., Kuhnert, H., 2018.** Temperature and isotopic composition of seawater in the epicontinental sea (Central Paratethys) during the Middle Miocene Climate Transition based on Mg/Ca, $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ from foraminiferal tests. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 495, 60-71.
- II. Holcová, K., Kopecká, J., Scheiner, F., 2019.** An imprint of the Mediterranean middle Miocene circulation pattern in a satellite sea during the Langhian: a case study from the Carpathian Foredeep (Central Paratethys). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 514, 336-348.
- III. Scheiner, F., Holcová, K., Milovský, R., Doláková, N., Rigová, J., 2019.** Response of benthic foraminiferal communities to changes in productivity and water mass conditions in the epicontinental sea during the Middle Miocene. *Marine Micropaleontology*, in review.
- IV. Holcová, K., Dašková, J., Fordinál, K., Hrabovský, J., Milovský, R., Scheiner, F., Vacek, F., 2019.** A series of ecostratigraphic events across the Langhian/Serravallian boundary in an epicontinental setting: the northern Pannonian Basin. *Facies*, in press, DOI: 10.1007/s10347-019-0576-1.

Mgr. Filip Scheiner

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Vzdělání:

- **2015 – současnost: Univerzita Karlova, Přírodovědecká fakulta**

Doktorské studium - Geologie – Paleontologie

2017 - složení státní doktorské zkoušky

Výzkumný záměr: Použití stabilních izotopů a jiných geochemických proxy ze schránek foraminifer pro interpretaci paleoprostředí v epikontinentálním moři

- **2013 – 2015: Univerzita Karlova, Přírodovědecká fakulta**

Magisterské studium: Geologie – Paleontologie

Diplomová práce: Carbon and Oxygen Stable Isotope Ratio from Foraminiferal Tests as a Key to the Paleoenvironmental Interpretations in the Middle Miocene of the Carpathian Foredeep (Central Paratethys)

- **2010 – 2013: Univerzita Karlova, Přírodovědecká fakulta**

Bakalářské studium: Geologie

Závěrečná práce: Foraminifery a jejich potenciál pro paleoekologickou a biostratigrafickou interpretaci

- **2006 – 2010: Gymnázium Zikmunda Wintra v Rakovníku**

Pracovní zkušenosti:

2016 – současnost: Geologický Ústav Akademie Věd České Republiky, v.v.i.

Pozice: doktorand (Oddělení paleobiologie a paleoekologie)

Kurzy:

- **2014: International School on Foraminifera ISF: “7th Course on Benthic and Planktonic Foraminifera”, Urbino, Itálie**

Jazyky:

Angličtina: Cambridge CAE, mezinárodní úroveň C1

Němčina: základní znalost (A1)

Počítačové dovednosti:

- Microsoft Office – pokročilá znalost
- Corel IDraw, Corel Photo-Paint – základní uživatelská znalost
- Paleontological statistics software (PAST) – základní uživatelská znalost

Dovednosti a znalosti:

- Řidičský průkaz skupiny B

Publikace:

Scheiner, F., Holcová, K., Milovský, R., Kuhnert, H., 2018. Temperature and isotopic composition of seawater in the epicontinental sea (Central Paratethys) during the Middle Miocene Climate Transition based on Mg/Ca, $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ from foraminiferal tests. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 495, 60-71.

Holcová, K., Kopecká, J., Scheiner, F., 2018. An imprint of the Mediterranean middle Miocene circulation pattern in a satellite sea during the Langhian: a case study from the Carpathian Foredeep (Central Paratethys). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 514, 336-348.

Scheiner, F., Holcová, K., Milovský, R., Doláková, N., Rigová, J., 2019. Response of benthic foraminiferal communities to changes in productivity and water mass conditions in the epicontinental sea during the Middle Miocene. *Marine Micropaleontology*, in review.

Holcová, K., Dašková, J., Fordinál, K., Hrabovský, J., Milovský, R., Scheiner, F., Vacek, F., 2019 (in press/in production). A series of ecostratigraphic events across the Langhian/Serravallian boundary in an epicontinental setting: the northern Pannonian Basin. *Facies*, DOI: 10.1007/s10347-019-0576-1

Abstrakta:

Scheiner Filip, Milovský Rastislav, Holcová Katarína. Abstract in Bubík, M., Ciurej, A. & Kaminski, M.A. (eds), 2015. *16th Czech-Polish-Slovak Paleontological Conference & 10th Polish Micropaleontological Workshop, Abstracts Book and Excursion Guide*. Grzybowski Foundation Special Publication, 21, 63-64; ISBN 978-83-941956-0-1

Scheiner Filip, Milovský Rastislav, Holcová Katarína. Abstract in Pipík, R.K, Soták, J. & Šurka, J. (eds), 2014. *Abstract book 15th Czech-Polish-Slovak Paleontological Conference*. Geological Institute of Slovak Academy of Sciences, Banská Bystrica 2014, 65-66; ISBN 978-80-224-1399-2

Granty a stáže:

2014: GAUK n. 222214 (Grantová Agentura Univerzity Karlovy); Geochemické indikátory schránek foraminifer jako klíč k interpretaci paleoprostředí v epikontinentálním moři

2015: Marum, Zentrum für Marine Umweltwissenschaften, Universität Bremen: krátkodobá stáž na specializovaném pracovišti na Univerzitě v Brémách

2014: GÚ SAV, Banská Bystrica, Slovensko: krátkodobá stáž; zavádění geochemických metod ve schránkách foraminifer - analýzy stabilních izotopů uhlíku a kyslíku ve schránkách foraminifer

Ocenění:

2018 *Cena Radima Kettnera* – udělovanou Ústavem Geologie a Palaeontologie PřF UK

2018 *Joseph A. Cushman Award for Student Travel* - udělovanou: *The Cushman Foundation for Foraminiferal Research*; <http://www.cushmanfoundation.org/index.php>

-Temperature and isotopic composition of seawater in the epicontinental sea (Central Paratethys) during the Middle Miocene Climate Transition, based on foraminiferal Mg/Ca, $\delta^{18}O$ and $\delta^{13}C$.

2017 *Joseph A. Cushman Award for Student Research* - udělovanou: *The Cushman Foundation for Foraminiferal Research*;

- Detailed Geochemical Analysis (Mg/Ca; $\delta^{18}O$) of Foraminiferal Tests from the Central Paratethys at the Time of the Wieliczian Salinity Crisis (Langhian).

Reference:

Doc. RNDr. Katarína Holcová, CSc. (PhD supervisor)

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Ústav geologie a paleontologie

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Přírodovědecká fakulta

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E-mail: scheinerfilip@gmail.com, scheinef@natur.cuni.cz

Education:

- **2015 – present: Charles University, Faculty of Science**

Ph.D. study - Geology – Palaeontology

2017 – fulfilling the final state examination

Research interest: Use of the stable isotopes and other geochemical proxies on foraminifera for interpretation of paleoenvironment in epicontinental settings

- **2013 – 2015: Charles University, Faculty of Science**

MSc. study: Geology – Palaeontology

Diploma thesis: Carbon and Oxygen Stable Isotope Ratio from Foraminiferal Tests as a Key to the Paleoenvironmental Interpretations in the Middle Miocene of the Carpathian Foredeep (Central Paratethys)

- **2010 – 2013: Charles University, Faculty of Sciences**

Bachelor study: Geology

Final thesis: Foraminifera and their potential for paleoecological and biostratigraphical interpretations

- **2006 – 2010: Gymnázium Zikmunda Wintra v Rakovníku (Zikmund Winter's Grammar School in Rakovník)**

Employment:

2016 – present: Geological Institute of the Czech Academy of Sciences, v.v.i.

Position: postgraduate student (Department of paleobiology and paleoecology)

Training courses:

- **2014: International School on Foraminifera ISF: "7th Course on Benthic and Planktonic Foraminifera", Urbino, Italy**
-

Languages:

English: Cambridge CAE, C1

German: A1

Computer skills:

- Microsoft Office – advanced knowledge
- Corel IDraw, Corel Photo-Paint
- Paleontological statistics software (PAST)

Driving:

- Full current clear driving license (B)

Scientific Publications:

Scheiner, F., Holcová, K., Milovský, R., Kuhnert, H., 2018. Temperature and isotopic composition of seawater in the epicontinental sea (Central Paratethys) during the Middle Miocene Climate Transition based on Mg/Ca, $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$ from foraminiferal tests. *Palaeogeography, Palaeoclimatology, Palaeoecology*, 495, 60-71.

Holcová, K., Kopecká, J., Scheiner, F., 2018. An imprint of the Mediterranean middle Miocene circulation pattern in a satellite sea during the Langhian: a case study from the Carpathian Foredeep (Central Paratethys). *Palaeogeography, Palaeoclimatology, Palaeoecology*, 514, 336-348.

Scheiner, F., Holcová, K., Milovský, R., Doláková, N., Rigová, J., 2019. Response of benthic foraminiferal communities to changes in productivity and water mass conditions in the epicontinental sea during the Middle Miocene. *Marine Micropaleontology*, in review.

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Abstracts:

Scheiner Filip, Milovský Rastislav, Holcová Katarína. Abstract in Bubík, M., Ciurej, A. & Kaminski, M.A. (eds), 2015. *16th Czech-Polish-Slovak Paleontological Conference & 10th Polish Micropaleontological Workshop, Abstracts Book and Excursion Guide*. Grzybowski Foundation Special Publication, 21, 63-64; ISBN 978-83-941956-0-1

Scheiner Filip, Milovský Rastislav, Holcová Katarína. Abstract in Pipík, R.K, Soták, J. & Šurka, J. (eds), 2014. *Abstract book 15th Czech-Polish-Slovak Paleontological Conference*. Geological Institute of Slovak Academy of Sciences, Banská Bystrica 2014, 65-66; ISBN 978-80-224-1399-2

Grants and fellowships:

2014: GAUK n. 222214 Geochemical markers from the foraminiferal tests as a key to paleoenvironmental interpretation in the epeiric sea; 2014

2015: Marum, Zentrum für Marine Umweltwissenschaften, Universität Bremen: short-term fellowship – Topic: Mg/Ca paleothermometry and other geochemical proxies on foraminifera

2014: Geological Institute of the Slovak Academy of Sciences, Banská Bystrica, Slovakia: short-term fellowship – Topic: single test analysis of stable isotopes of carbon and oxygen on foraminifera

Awards:

2018 Radim Kettner Award – awarded by the *Institute of Geology and Palaeontology, Charles University, Faculty of Science*

2018 Joseph A. Cushman Award for Student Travel – awarded by: *The Cushman Foundation for Foraminiferal Research*; <http://www.cushmanfoundation.org/index.php>

-Temperature and isotopic composition of seawater in the epicontinental sea (Central Paratethys) during the Middle Miocene Climate Transition, based on foraminiferal Mg/Ca, $\delta^{18}\text{O}$ and $\delta^{13}\text{C}$.

2017 Joseph A. Cushman Award for Student Research – awarded by: *The Cushman Foundation for Foraminiferal Research*;

- Detailed Geochemical Analysis (Mg/Ca; $\delta^{18}\text{O}$) of Foraminiferal Tests from the Central Paratethys at the Time of the Wieliczian Salinity Crisis (Langhian).

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