

Lucia Šmídová

Born: November 12, 1993—Trenčín, Slovakia
Nationality: slovak

Contact information

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Current position

PhD student, Institute of Geology and Palaeontology, Charles University

Areas of specialisation

Paleoentomology, Fossil cockroaches, Evolution of Insects

Education

2018 MSc in Geology, Charles University, Prague
2018- now PhD in Geology, Charles University, Prague

Publications & conferences

JOURNAL ARTICLES

- 2016 Vršanský, P.V., Šmídová, L., Valáška, D., Barna, P., Vidlička, L., Takáč, P., Pavlik, L., Kúdelová, T., Karim, T.S., Zelagin, D. and Smith, D., 2016. Origin of origami cockroach reveals long-lasting (11 Ma) phenotype instability following viviparity. *The Science of Nature*, 103(9), pp.1-15.
- 2017 Šmídová, L. and Lei, X., 2017. The earliest amber-recorded type cockroach family was aposematic (Blattaria: Blattidae). *Cretaceous Research*, 72, pp.189-199.
- 2018 Vršanský, P., Bechly, G., Zhang, Q., Jarzembowski, E.A., Mlynský, T., Šmídová, L., Barna, P., Kúdela, M., Aristov, D., Bigalk, S. and Krogmann, L., 2018. Batesian insect-insect mimicry-related explosive radiation of ancient alienopterid cockroaches. *Biologia*, 73(10), pp.987-1006.
- 2019 Vršanský, P., Šmídová, L., Sendi, H., Barna, P., Müller, P., Ellenberger, S., Wu, H., Ren, X., Lei, X., Azar, D. and Šurka, J., 2019. Parasitic cockroaches indicate complex states of earliest proved ants. *Biologia*, 74(1), pp.65-89.
- 2019 Vršanský, P., Vršanská, L., Beňo, M., Bao, T., Lei, X.J., Ren, X.J., Wu, H., Šmídová, L., Bechly, G., Jun, L. and Yeo, M., 2018. Pathogenic DWV infection symptoms in a Cretaceous cockroach. *Paleontographica Abteilung A*, pp.0375-0442.
- 2019 Barna, P., Šmídová, L. and José, M.A.C., 2019. Living cockroach genus *Anaplecta* discovered in Chiapas amber (Blattaria: Ectobiidae: *Anaplecta vega* sp. n.). *PeerJ*, 7, p.e7922.
- 2020 Šmídová, L., 2020. Cryptic bark cockroach (Blattinae: *Bubosa poinari* gen. et sp. nov.) from mid-Cretaceous amber of northern Myanmar. *Cretaceous Research*, 109, p.104383.
- 2021 Šmídová L., 2021. New genus and species of the families Olidae and Corydiidae (Corydioidea, Blattodea) from mid-Cretaceous Kachin amber. *Palaentographica Abteilung A* (in press)
- 2021 Šmídová L., Vidlička, L., Wiedmann, S. 2021. Appearance of the family Blaberidae (Insecta: Blattaria) during the Cretaceous and a review of fossils of this family. *Palaentographica Abteilung A* (in press)

CONFERENCES

- 2017 International Conference Of Young Geologists, Herlany-Dobczyce (Poland), March 30th – April 2nd 2017.
- 2020 XXIst International Conference of Young Geologists 2020. 5. - 6., November 2020, Online: Šmídová L. 2020. Cockroach fauna of mid-Cretaceous Myanmar amber as valuable insight into the phylogeny of the group [abstract].

POPULARIZATION

- 2016 The pop-science article about newly described species in 2015, "[10 × NAJ za rok 2015](#)", *Quark*
- 2017 The pop-science article about newly described species in 2016, "[10 × NAJ za rok 2016](#)", *Quark*
- 2018 The pop-science article about newly described species in 2017, "[Top 10 za rok 2017](#)", *Quark*
- 2019 The pop-science article about the extinct cockroach family Alienopteridae, "[Votrelci z jantáru](#)", *Quark*
- 2021 The website dedicated to paleontology and paleoentomology (in development) [paleontomology.rocks](#)

Teaching

- 1 hour lesson on the Evolution of Insects as part of the Advanced Systematic Paleontology class
- 1/2 hour lesson on the Amber Taphonomy as part of the class Taphonomy and Lagerstätten

-both given at the Institute of Geology and Palaeontology, Charles University

Work experience

- 12/2015 Internship at the Institute of Geology and Palaeontology, Chinese Academy of Sciences, Nanjing
- 8/2016 Internship at the Institute of Geology and Palaeontology, Chinese Academy of Sciences, Nanjing
- 10/2017 Internship at the Institute of Geology and Palaeontology, Chinese Academy of Sciences, Nanjing
- 2018-2019 Technical support representative for spanish clients at a stock exchange company
- 2019-now Creating maps for a [project](#) dedicated to historical demography of Czech republic

Skills and abilities

- proficient in English and Spanish
- programming with Python, HTML, CSS, JavaScript
- creating maps with ArcGis
- drawing/digital drawing and painting (Adobe Fresco, Vectornator, Gimp)