

Dr. sc. Jan Hinkelman



Paleontolog

Radno mjesto (viši asistent)

Zavod za geologiju

Znanstveni interesi

- Makropaleontološka istraživanja
- Paleoevolucija
- Paleookolišne interpretacije na temelju makro i mikrofosilne zajednice
- Paleoklimatologija
- Paleobotanika
- Paleoentomologija
- Paleostatističke metode

Biografija

- 2025 – danas : Paleontolog, Hrvatski geološki institut
- 2022 –2024 : Tehnički pisac, CloudSense
- 2018 –2022 : Doktorska disertacija, Sveučilište u Bratislavi (Comenius), Fakultet prirodnih znanosti
- 2009 –2015 : Diplomski studij geologije, Sveučilište u Zagrebu, PMF

Vještine

- Digitalno crtanje (CorelDraw, Figma)
- Uzorkovanje i terenska istraživanje (Sediment, Soil, Lake sediment, Cave sediment)
- Geokemijska obrada uzoraka u palinološkom laboratoriju (Položen tečaj za rad sa opasnim tvarima)
- Obrada uzoraka jantara (laboratorijsko poliranje)
- Filogenetske analize (TNT for phylogenetic analysis, SplitsTree)
- Digitalno mjerenje i paleostatistika (Fiji, Past)
- Obrada slika (CS Photoshop, Combine ZP, Helicon Focus)

- Organizacija radionica
- Aktivno korištenje Engleskog jezika (TOEFL profesionalna razina), poznavanje osnova Njemačkog jezika.

Projekti i suradnje

- Non-pollen palynomorphs and palynofacies in paleoenvironmental reconstruction NON-POLL (HRZZ IP-2024-05- 1687)

Nagrade

Odbori i komisije

Članstva

- Hrvatsko geološko društvo (HGD)

Bibliografija

- [Jan Hinkelman WOS \(link\)](#)

Najznačajniji radovi (5-10 radova)

Hinkelman, Jan; Vršanska, Lucia. 2020 A Myanmar amber cockroach with protruding feces contains pollen and a rich microcenosis. The Science of Nature, 107 (13). 1-19. 10.1007/s00114-020-1669-y

Hinkelman, Jan. 2022a *Mongolblatta sendii* sp. n. (Mesoblattinidae) from North Myanmar amber links record to Laurasian sediments. Palaeontographica Abteilung A Band 321 Lieferung 1-6. 81-96. 10.1127/pala/2021/0105

Hinkelman, Jan. 2022b *Cuniculoblatta brevialeta* gen. et sp. n., the second case of brachyptery from Cretaceous North Myanmar amber. Palaeontographica Abteilung A Band 321 Lieferung 1-6. 97-107. 10.1127/pala/2021/0104

Hinkelman, Jan. 2022 A monospecific assemblage of cockroaches (Dictyoptera: Subioblattidae) from the Triassic of Kyrgyzstan. Paläontologische Zeitschrift 96. 781-793. 10.1007/s12542-022-00617-7

Hemen, Sendi; Vršanský, Peter; Podstrelena, Lenka; Hinkelman, Jan; Kudelova, Tatiana; Kudela, Matuš; Vidlička, Lubomir; Ren, Xiaoyin; Quicke, Donald L. J. 2020 Nocticolid cockroaches are the only known dinosaur age cave survivors. *Gondwana Research*, 82. 288-298. 10.1016/j.gr.2020.01.002

Hinkelman, Jan; Vršanský, Peter; Garcia, Thierry; Tejedor, Adrian; Bertner, Paul; Sorokin, Anton; Gallice, Geoffrey R.; Koubová, Ivana; Nagy, Štefan; Vidlička, Ľubomír. 2020 Neotropical Melyroidea group cockroaches reveal various degrees of (eu)sociality. *The Science of Nature*, 107 (39). 1-17. 10.1007/s00114-020-01694-x

Sendi, Hemen; Hinkelman, Jan; Vršanská, Lucia; Kúdelová, Tatiana; Kúdelá, Matuš; Zuber, Marcus; van de Kamp, Thomas; Vršanský, Peter. 2020 Roach nectarivory, gymnosperm and earliest flower pollination evidence from Cretaceous ambers. *Biologia*, 75. 1613-1630. 10.2478/s11756-019-00412-x

Hinkelman, Jan. 2019 *Spinaeblattina myanmarensis* gen. et sp. nov. and *Blattoothecichnus argenteus* ichnogen. et ichnosp. nov. (both Mesoblattinidae) from mid-Cretaceous Myanmar amber. *Cretaceous Research*, 99. 229-239. 10.1016/j.cretres.2019.02.026

Hinkelman, Jan. 2023 Origins and diversity of spot-like aposematic and disruptive colorations among cockroaches. *Biologia*, 78. 1659-1677. 10.1007/s11756-022-01163-y

Vršanský, Peter; Aristov, Daniil; Hain, Miroslav; Kudelova, Tatiana; Kudela, Matuš; Metscher, Brian; Palková, Helena; Káčerová, Júlia; Hinkelman, Jan. 2022 Longest-surviving Carboniferous-family insect found in Mesozoic amber. *Biologia*, 78. 1611-1626. 10.1007/s11756-022-01192-7