

## Late Ordovician scolecodonts and chitinozoans from the Pin Valley in Spiti, Himachal Pradesh, northern India

Petra Tonarová, Thomas J. Suttner, Olle Hints, Yan Liang, Marek Zemek, Michal Kubajko, Tomáš Zikmund, Jozef Kaiser, and Erika Kido

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The end of the Ordovician witnessed major perturbations in the ecosystem, seriously affecting global marine biodiversity. Nevertheless, some marine organism groups and their crisis-bound palaeogeographic distribution are still understudied. Among the outliers are eunicid polychaetes, even though they flourished and diversified extensively during the Ordovician. A collection of seven genera of jaw-bearing polychaetes, including the new ramphoprionid genus *Spitiprion* Tonarová, Suttner, & Hints, with type new species of *Spitiprion khannai* Tonarová, Suttner, & Hints, is described here from Katian (Upper Ordovician) deposits of Spiti, northern India. The new species is preserved as isolated maxillae and a jaw cluster, and 3D models of the maxillary apparatus are reconstructed based on submicron-CT. Along with the scolecodonts, a low-diversity assemblage of chitinozoans was recovered, comprising five genera. The most common chitinozoan species are *Acanthochitina* cf. *cancellata* and *Spinachitina suecica*.


**Key words:** Polychaeta, Eunicida, Ramphoprionidae, Chitinozoa, organic-walled microfossils, Early Palaeozoic, Gondwana, submicron-CT.

Petra Tonarová [[petra.tonarova@geology.cz](mailto:petra.tonarova@geology.cz); ORCID: <https://orcid.org/0000-0001-5002-6389>], Thomas J. Suttner [[thomas.suttner@geology.cz](mailto:thomas.suttner@geology.cz); ORCID: <https://orcid.org/0000-0002-8803-7611>], and Michal Kubajko [[michal.kubajko@geology.cz](mailto:michal.kubajko@geology.cz); ORCID: <https://orcid.org/0009-0005-7096-2584>], Czech Geological Survey, Klárov 3/131, 11821 Praha 1, Czech Republic. Olle Hints [[olle.hints@taltech.ee](mailto:olle.hints@taltech.ee); ORCID: <https://orcid.org/0000-0003-4670-4452>], Tallinn University of Technology, Ehitajate tee 5, 19086 Tallinn, Estonia. Yan Liang [[liangyan@nigpas.ac.cn](mailto:liangyan@nigpas.ac.cn); ORCID: <https://orcid.org/0000-0002-2376-8202>], Nanjing Institute of Geology and Palaeontology, Chinese Academy of Sciences, 39 East Beijing Road, Nanjing, China. Marek Zemek [[Marek.Zemek@ceitec.vutbr.cz](mailto:Marek.Zemek@ceitec.vutbr.cz); ORCID: <https://orcid.org/0000-0002-3236-4111>], Tomáš Zikmund [[tomas.zikmund@ceitec.vutbr.cz](mailto:tomas.zikmund@ceitec.vutbr.cz); ORCID: <https://orcid.org/0000-0003-2948-5198>], and Jozef Kaiser [[jozef.kaiser@ceitec.vutbr.cz](mailto:jozef.kaiser@ceitec.vutbr.cz); ORCID: <https://orcid.org/0000-0002-7397-125X>], CEITEC, Central European Institute of Technology, Brno University of Technology, Purkynova 656/123, 612 00

Brno, Czech Republic. Erika Kido [[kidoe@appstate.edu](mailto:kidoe@appstate.edu)];  
ORCID: <https://orcid.org/0000-0001-5130-8804>], Department of Geological and Environmental Sciences,  
Appalachian State University, Boone, NC, 28608-2006, USA.

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