

### **A Late Ordovician age for the Whirlpool and Power Glen formations, New York**

Schröer, Laurenz; Vandenbroucke, Thijs R. A.; **Hints, Olle** Canadian journal of earth sciences 2016 / p. 739-747  
<https://doi.org/10.1139/cjes-2015-0226>

### **A new chitinozoan species from the Middle Ordovician of Estonia**

**Nõlvak, Jaak** Estonian journal of earth sciences 2012 / p. 131-132 : ill [https://artiklid.elnet.ee/record=b2497395\\*est](https://artiklid.elnet.ee/record=b2497395*est)

### **A new glyptothrid species (Brachiopoda: Orthida) from the Upper Ordovician of Estonia**

**Hints, Linda** Estonian journal of earth sciences 2010 / 3, p. 189-194 : ill

### **A review of ichnofossils from Estonian palaeontological collections**

**Toom, Ursula**; Vinn, Olev; **Hints, Olle** 10th Baltic Stratigraphic Conference : Chebny, 12-14 September 2017 : abstracts and field guide 2017 / p. 82-83 [http://geo.uw.edu.pl/tl\\_files/publikacje/10th\\_Baltic\\_Stratigraphic\\_Conference\\_Abstracts\\_and\\_Field\\_Guide.pdf](http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abstracts_and_Field_Guide.pdf)

### **Acritarchs from the Middle and Upper Ordovician of Estonia and their stratigraphic implications**

Raevskaja, Elena; **Hints, Olle** 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions 2019 / p. 165-168 : ill <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

### **Age calibration of the lower ordovician Fezouata Lagerstätte, Morocco**

Lefebvre, Bertrand; Gutiérrez-Marco, Juan C.; **Lehnert, Oliver**; Martin, Emmanuel L.O.; Nowak, Hendrik; Akodad, Mustapha; El Hariri, Khadija; Servais, Thomas Lethaia 2018 / p. 296 - 311 <https://doi.org/10.1111/let.12240> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Age constraints of the Hungshihyen Formation (Early to Middle Ordovician) on the western margin of the Yangtze Platform, South China : new insights from chitinozoans**

**Liang, Yan**; Wang, Guang-Xu; Servais, Thomas; Wu, Rong-Chang; **Nõlvak, Jaak**; **Hints, Olle**; Weif, Xin; Gong, Fang-Yi Palaeoworld 2020 / p. 66-74 : ill <https://doi.org/10.1016/j.palwor.2019.05.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Age of Estonian kukersite oil shale - Middle or Late Ordovician?**

**Hints, Olle**; **Nõlvak, Jaak**; **Viira, Viive** Oil shale 2007 / 4, p. 527-533 : ill

### **Al<sub>2</sub>O<sub>3</sub>/TiO<sub>2</sub> ratio of the clay fraction of Late Ordovician–Silurian carbonate rocks as an indicator of paleoclimate of the Fennoscandian Shield**

**Kiipli, Enli**; **Kiipli, Tarmo**; **Kallaste, Toivo**; **Siir, Sven** Palaeogeography, palaeoclimatology, palaeoecology 2012 / p. 312-320 : ill <https://www.sciencedirect.com/science/article/pii/S0031018212005494>

### **Application of carbon isotopes to the study of the Ordovician and Silurian of the Baltic**

**Martma, Tõnu** 2006 <https://digi.lib.ttu.ee/i/?107> [https://www.ester.ee/record=b2209327\\*est](https://www.ester.ee/record=b2209327*est)

### **Areal variations in the composition of the Kinnekulle altered volcanic ash bed (Caradoc) - relations to sedimentary facies**

**Kiipli, Tarmo**; **Kallaste, Toivo**; **Kiipli, Enli** WOGOGOB-2004 : 8th Meeting of the Working Group on the Ordovician Geology of Baltoscandia : May 13-18, 2004, Tallinn and Tartu, Estonia : conference materials : abstracts and field guidebook 2004 / p. 55-56 : ill [https://www.academia.edu/498310/Areal\\_variations\\_in\\_the\\_composition\\_of\\_the\\_Kinnekulle\\_altered\\_volcanic\\_ash\\_bed\\_Caradoc\\_relations\\_to\\_sedimentary\\_facies](https://www.academia.edu/498310/Areal_variations_in_the_composition_of_the_Kinnekulle_altered_volcanic_ash_bed_Caradoc_relations_to_sedimentary_facies)

### **Baltic Ordovician and Silurian chitinozoans : a quantitative stratigraphic synthesis**

**Antonovits, Liina**; **Nestor, Viiv**; **Nõlvak, Jaak**; **Hints, Olle**; **Martma, Tõnu**; **Kiipli, Tarmo** IGCP 591 : The Early to Middle Paleozoic Revolution : Closing Meeting, Ghent University, Belgium, 6-9 July 2016 : abstracts 2016 / p. 22

### **Bioerosion of inorganic hard substrates in the Ordovician of Estonia (Baltica)**

Vinn, Olev; Wilson, Mark; **Toom, Ursula** PLoS ONE 2015 / art. e0134279, p. 1-17 : ill <https://doi.org/10.1371/journal.pone.0134279>

### **Biometry and lifestyle of the Ordovician proetide trilobite Cyamella stensioei Owens, 1979**

**Popp, Adrian**; **Pärnaste, Helje** GFF 2011 / p. 111-123 : ill

### **Biostratigraphic (graptolites, chitinozoans, acritarchs, brachiopods) and chemostratigraphic (delta<sup>13</sup>C) correlations between latest Ordovician strata in Laurentia and Baltica**

Delabroye, A.; Vecoli, M.; **Nõlvak, Jaak**; Uutela, A The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 15

### **Borings and biostratigraphy in bryozoans from the Kunda Regional Stage (Darrivilian; Middle Ordovician) of northern Estonia and NW Russia**

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2022 / p. 219-225 : map <https://doi.org/10.1127/njgpa/2022/1044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Brachiopod shell thickness links environment and evolution**

Balthasar, Uwe; Jin, Jisuo; **Hints, Linda**; Cusack, Maggie *Palaeontology* 2020 / p. 171-183 : ill <https://doi.org/10.1111/pala.12450>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Carbonate shelf development and early Paleozoic benthic diversity in Baltica : a hierarchical diversity partitioning approach using brachiopod data**

Penny, Amelia; **Hints, Olle**; Kröger, Björn *Paleobiology* 2022 / p. 44-64 <https://doi.org/10.1017/pab.2021.3> [Journal metrics at Scopus](#)  
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Catalogue of Ordovician stratigraphical units and stratotypes of Estonia and Latvia = Eesti ja Läti ordoviitsiumi stratigraafiliste üksuste ja stratotüüpide kataloog = Igaunijas un Latvijas ordovika stratigrafisko jedalījumu un stratotipu katalogs**

1993

### **Centimetre-scale variability of redox-sensitive elements in Tremadocian black shales from the eastern Baltic Palaeobasin**

**Hints, Rutt; Soesoo, Alvar; Voolma, Margus; Tarros, Siim; Kallaste, Toivo; Hade, Sigrid** *Estonian journal of earth sciences* 2014 / p. 233-239 : ill [https://artiklid.elnet.ee/record=b2705856\\*est](https://artiklid.elnet.ee/record=b2705856*est)

### **Changes in shelf phosphorus burial during the Hirnantian glaciation and its implications**

Müller, Johann; Joachimski, Michael M.; Lehnert, Oliver; **Männik, Peep**; Sun, Yadong *Estonian journal of earth sciences* 2023 / p. 151  
<https://doi.org/10.3176/earth.2023.19>

### **Chemical peculiarities of the Silurian-Ordovician and Cambrian-Vendian aquifer systems in Estonia : an overview of hydrochemical studies**

Karro, Enn; **Marandi, Andres; Vaikmäe, Rein**; Uppin, Marge *Estonian journal of earth sciences* 2009 / 4, p. 342-352 : ill  
[https://artiklid.elnet.ee/record=b1944680\\*est](https://artiklid.elnet.ee/record=b1944680*est)

### **CHITDB : a database for documenting and analysing diversification of Ordovician-Silurian chitinozoans in the Baltic region**

**Hints, Olle; Antonovitš, Liina; Bauert, Garmen; Nestor, Viuu; Nõlvak, Jaak; Tammekänd, Mairi** *Lethaia* 2018 / p. 218 - 227  
<https://doi.org/10.1111/let.12249> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chitinozoan biostratigraphy in the Ordovician of Baltoscandia**

**Nõlvak, Jaak** 2002 [http://www.ester.ee/record=b1035650\\*est](http://www.ester.ee/record=b1035650*est)

### **Chitinozoan response to a gigantic Late Ordovician volcanic ash fall recorded in northern Estonia**

**Hints, Olle; Bauert, Garmen; Grigorjeva, Irina; Nõlvak, Jaak**; Meidla, Tõnu; Perrier, Vincent 10th Baltic Stratigraphic Conference : Checiny, 12-14 September 2017 : abstracts and field guide 2017 / p. 34-35  
[http://geo.uw.edu.pl/tl\\_files/publikacje/10th\\_Baltic\\_Stratigraphic\\_Conference\\_Abstracts\\_and\\_Field\\_Guide.pdf](http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abstracts_and_Field_Guide.pdf)

### **Chitinozoans with “skirt”: Ultrastructure and palaeoecological implications of carina in Cyathochitina Eisenack, 1955**

Wang, Wenhui; Liang, Yan; Lyu, Qiao; **Hints, Olle**; Chen, Shefa; **Nõlvak, Jaak** *Palaeogeography, palaeoclimatology, palaeoecology* 2021 / art. 110348, 16 p.: ill <https://doi.org/10.1016/j.palaeo.2021.110348> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Chloritization of Upper Ordovician Pirgu bentonites - source material or diagenetic environment?**

Kirsimäe, Kalle; Hints, Rutt; Kallaste, Toivo; **Kiipli, Enli; Kiipli, Tarmo** WOGOGOB-2004 : 8th Meeting of the Working Group on the Ordovician Geology of Baltoscandia : May 13-18, 2004, Tallinn and Tartu, Estonia : conference materials : abstracts and field guidebook 2004 / p. 57-58 [https://artiklid.elnet.ee/record=b2610235\\*est](https://artiklid.elnet.ee/record=b2610235*est)

### **Climate changes in the pre-Hirnantian late Ordovician based on $\delta^{18}\text{O}$ studies from Estonia**

**Männik, Peep**; Lehnert, Oliver; **Nõlvak, Jaak**; Joachimski, Michael M. *Palaeogeography, palaeoclimatology, palaeoecology* 2021 / p. 110347, 16 p. : ill <https://doi.org/10.1016/j.palaeo.2021.110347> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Conodont biostratigraphy and carbon isotope stratigraphy of the Middle Ordovician (Darriwilian) Komstad Limestone, southern Sweden**

Wu, Rong-Chang; Calner, Mikael; **Lehnert, Oliver**; Lindskog, Anders; Joachimski, Michael M. *GFF* 2018 / p. 44-54 : ill  
<https://doi.org/10.1080/11035897.2018.1435561> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Conodont biostratigraphy in the Middle-Upper Ordovician boundary beds of Estonia**

**Viira, Viive** *Estonian journal of Earth sciences* 2008 / 1, p. 23-38 : ill

### **Conodonts of the Kiviõli Member, Viivikonna Formation (Upper Ordovician) in the Kohtla section, Estonia**

**Viira, Viive**; Aldrige, Richard J.; Curtis, Stephanie *Proceedings of the Estonian Academy of Sciences. Geology* 2006 / 3, p. 213-240 :

**A CONOP9 quantitative stratigraphic model of Baltic Ordovician and Silurian chitinozoan distribution and K-bentonites**  
Antonovits, Liina; Nestor, Viuu-Kai; Nõlvak, Jaak; Bauert, Garmen; Hints, Olle; Kiipli, Tarmo Stratigraphy 2015 / p. 91-92

**Cornulitid tubeworms and other calcareous tubicolous organisms from the Hirmuse Formation (Katian, Upper Ordovician) of northern Estonia**

Vinn, Olev; Madison, Anna; Wilson, Mark A.; Toom, Ursula Journal of paleontology 2023 / p. 38-46: ill  
<https://doi.org/10.1017/jpa.2022.89>

**Correlation of Ordovician rocks by gamma ray logs and petrophysical data: case study from South Estonia**

Šogenov, Kazbulat; Šogenova, Alla The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 64

**Correlation of the Middle and Upper Ordovician rocks of Baltoscandia using CONOP9: preliminary results**

Goldman, D.; Klosterman, S.L.; Nõlvak, Jaak; Sheets, H.D.; Miller, G.C. The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 21

**Corroded hydrothermal quartz in Ordovician altered volcanic ash beds of the Baltoscandian Region**

Kiipli, Tarmo; Kallaste, Toivo; Kleesment, Anne-Liis; Nielsen, Arne T. Estonian journal of earth sciences 2009 / 4, p. 268-272 : ill  
[https://artiklid.elnet.ee/record=b1944231\\*est](https://artiklid.elnet.ee/record=b1944231*est)

**A crustoid graptolite lithoimmured inside a Middle Ordovician nautiloid conch from Northern Estonia**

Vinn, Olev; Wilson, Mark A.; Toom, Ursula Annales societatis geologorum Poloniae 2019 / p. 285-290 : ill  
<https://doi.org/10.14241/asgp.2019.17> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Cryptic secondary cementation of Ordovician limestones in the Baltoscandian Basin, northern Europe, revealed through trace-element mapping and U-Pb dating by LA-ICP-MS**

Hagen-Peter, Graham; Wang, Yue; Hints, Olle; Lepland, Aivo EGU General Assembly 2021 2021 / art. EGU21-12547  
<https://doi.org/10.5194/egusphere-egu21-12547>

**Darriwilian (Middle Ordovician) worms of southern Sweden**

Eriksson, Mats E.; Lindskog, Anders; Servais, Thomas; Hints, Olle; Tonarova, Petra GFF 2016 / p. 502-509 : ill  
<https://doi.org/10.1080/11035897.2016.1181102>

**Dating of glacial palaeogroundwater in the Ordovician-Cambrian aquifer system, northern Baltic Artesian Basin**

Pärn, Joonas; Raidla, Valle; Ivask, Jüri; Kaup, Enn; Martma, Tõnu; Vaikmäe, Rein Applied geochemistry 2019 / p. 64-76 : ill  
<https://doi.org/10.1016/j.apgeochem.2019.01.004> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**[delta]13C record of the Upper Ordovician succession of the Borensult-1 core (Motala, Sweden) and its intracontinental correlation**

Lechnert, O.; Calner, M.; Joachimski, Michael M.; Buggisch, W.; Nõlvak, Jaak The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 40

**Discovery of rich Katian-Hirnantian jawed polychaete fauna from the Prague Basin, Czech Republic**

Tonarova, Petra; Vodrážkova, Stanislava; Čap, Pavel; Hints, Olle; Nõlvak, Jaak; Kubajko, Michal Lille 2021 : Ordovician of the World : programme with abstracts 2021 / p. 75-76 <https://docplayer.net/219093593-Programme-with-abstracts-2021-virtual-annual-meeting-of-igcp-virtual-annual-meeting-of-igcp-735.html>

**Discovery of the Ordovician Kinnekulle K-bentonite at the Põõsaspea cliff, NW Estonia**

Hints, Linda; Männik, Peep; Hints, Olle; Hints, Rutt Estonian journal of earth sciences 2008 / 3, p. 192-195 : ill  
[https://artiklid.elnet.ee/record=b2385311\\*est](https://artiklid.elnet.ee/record=b2385311*est)

**Distribution of Ordovician chitinozoans**

Nõlvak, Jaak; Bauert, Garmen Estonian geological sections / Geological Survey of Estonia 2006 / p. 9-11

**Distribution of Ordovician chitinozoans**

Nõlvak, Jaak Männamaa (F-367) drill core 2008 / p. 13-18 : ill

**Distribution of Ordovician conodonts**

Viira, Viive; Löfgren, Anita; Sjöstrand, Lisa Estonian geological sections / Geological Survey of Estonia 2006 / p. 11-13

**Distribution of phosphorus in the Middle and Upper Ordovician Baltoscandian carbonate palaeobasin**

Kiipli, Enli; Kiipli, Tarmo; Kallaste, Toivo; Ainsaar, Leho Estonian journal of earth sciences 2010 / 4, p. 247-255  
[https://artiklid.elnet.ee/record=b2183573\\*est](https://artiklid.elnet.ee/record=b2183573*est)

### **Distribution of the Proetida (Trilobita) in Baltoscandian Ordovician strata**

**Pärnaste, Helje; Popp, Adrian;** Owens, Robert M. Estonian journal of earth sciences 2009 / 1, p. 10-23 : ill

[https://artiklid.elnet.ee/record=b1205583\\*est](https://artiklid.elnet.ee/record=b1205583*est)

### **Diverse endobiotic symbiont fauna from the late Katian(Late Ordovician) of Estonia**

Vinn, Olev; Wilson, Mark A.; Holmer, Lars E.; Ernst, Andrej; Tinn, Oive; **Toom, Ursula** Palaeontologia Electronica 2022 / art. a31, 13 p. : ill <https://doi.org/10.26879/1232> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A diverse Hirnantian scolecodont assemblage from northern Estonia and resilience of polychaetes to the end-Ordovician mass extinction**

**Hints, Olle;** Tonarova, Petra Estonian journal of earth sciences 2023 / p. 46-49 : ill <https://doi.org/10.3176/earth.2023.20>

### **Diversity and biostratigraphic utility of Ordovician brachiopods in the East Baltic**

**Hints, Linda;** Harper, David A. T.; Paškevičius, Juozas Estonian journal of earth sciences 2018 / p. 176-191 : ill

[http://www.kirj.ee/public/Estonian\\_Journal\\_of\\_Earth\\_Sciences/2018/issue\\_3/earth-2018-3-176-191.pdf](http://www.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2018/issue_3/earth-2018-3-176-191.pdf) [http://www.ester.ee/record=b2246661\\*est](http://www.ester.ee/record=b2246661*est) <https://doi.org/10.3176/earth.2018.14> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Diversity and spatial turnover of bryozoan assemblages in the reefs of the Vasalemma Formation (Late Ordovician), Estonia**

Köger, Björn; Ernst, Andrej; Penny, Amelia; Nakrem, Hans Arne; **Toom, Ursula** Estonian journal of earth sciences 2023 / p. 137

<https://doi.org/10.3176/earth.2023.47>

### **Dolomitization and sedimentary cyclicity of the Ordovician, Silurian, and Devonian rocks in South Estonia**

**Teedumäe, Aada; Šogenova, Alla; Kallaste, Toivo** Proceedings of the Estonian Academy of Sciences. Geology 2006 / 1, p. 67-87 : ill

### **Earliest symbiotic rugosans in cystoporate bryozoan Ceramopora intercellata Bassler, 1911 from Late Ordovician of Estonia (Baltica)**

Vinn, Olev; Ernst, Andrej; **Toom, Ursula** Palaeogeography, palaeoclimatology, palaeoecology 2016 / p. 140-144 : ill

<https://doi.org/10.1016/j.palaeo.2016.08.016>

### **Early and Middle Ordovician chitinozoans from Tongzi, South China : biostratigraphic significance and biodiversification**

**Liang, Yan;** Tang, Peng; Zhan, Renbin; **Hints, Olle** 10th Baltic Stratigraphic Conference : Checiny, 12-14 September 2017 :

abstracts and field guide 2017 / p. 48-49 : ill

[http://geo.uw.edu.pl/tl\\_files/publikacje/10th\\_Baltic\\_Stratigraphic\\_Conference\\_Abstracts\\_and\\_Field\\_Guide.pdf](http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abstracts_and_Field_Guide.pdf)

### **Early diversification of chitinozoans on Baltica : new data from northern Estonia and Latvia**

**Liang, Yan; Nõlvak, Jaak; Hints, Olle** 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions 2019 / p. 119–120 <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

### **Early Middle Ordovician scolecodonts from northwestern Argentina and the emergence of labidognath polychaete jaw apparatuses**

**Hints, Olle;** Tonarova, Petra; Eriksson, Mats E.; Rubinstein, Claudia V.; Puente, G. Susana de la Palaeontology 2017 / p. 583-593 : ill

<https://doi.org/10.1111/pala.12303>

### **Early Silurian recovery of Baltica crinoids following the end-Ordovician extinctions (Llandovery, Estonia)**

Ausich, William I.; Wilson, Mark A.; **Toom, Ursula** Journal of paleontology 2020 / p. 521-530 : ill <https://doi.org/10.1017/jpa.2019.89>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Emended Sandbian (Ordovician) conodont biostratigraphy in Baltoscandia and a new species of Amorphognathus**

Paiste, Tõnn; **Männik, Peep;** Meidla, Tõnu Geological magazine 2022 / p. 1-17 : map <https://doi.org/10.1017/S0016756822001005>

### **Excursion A: Ordovician and Silurian bentonites of Estonia**

**Kiipli, Tarmo; Hints, Olle** The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 83-92 : ill

### **First description of rare Teichichnus burrows from carbonate rocks of the Lower Paleozoic of Estonia**

Vinn, Olev; **Toom, Ursula** Carnets de geologie 2018 / p. 305-312 : ill <https://doi.org/10.4267/2042/68550> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **First record of Telephina (Trilobita) from the Ordovician of northeastern Estonia and its stratigraphical implications**

**Pärnaste, Helje; Popp, Adrian** Estonian journal of earth sciences 2011 / 2, p. 83-90 : ill [https://artiklid.elnet.ee/record=b2414183\\*est](https://artiklid.elnet.ee/record=b2414183*est)

### **First record of the trace fossil Oikobesalon from the Ordovician (Darriwilian) of Baltica**

Vinn, Olev; **Toom, Ursula** Estonian journal of earth sciences 2014 / p. 118-121 : ill [https://artiklid.elnet.ee/record=b2673778\\*est](https://artiklid.elnet.ee/record=b2673778*est)

### **Fossilized reproductive modes reveal a protistan affinity of Chitinozoa**

Liang, Yan; **Hints, Olle**; Tang, Peng; Cai, Chenyang; Goldman, Daniel; **Nõlvak, Jaak**; Tihelka, Erik; Pang, Ke; Bernardo, Joseph; Wang, Wenhui *Geology* 2020 / p. 1200-1204 <https://doi.org/10.1130/G47865.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Geochemical discrimination of the Upper Ordovician Kinnekulle Bentonite in the Billegrav-2 drill core section, Bornholm, Denmark**

**Kiipli, Tarmo**; **Kallaste, Toivo**; Nielsen, Arne T.; Schovsbo, Niels H.; **Siir, Sven** *Estonian journal of earth sciences* 2014 / p. 264-270 : ill [https://artiklid.elnet.ee/record=b2705908\\*est](https://artiklid.elnet.ee/record=b2705908*est)

### **Geochemistry of Late Ordovician (Sandbian) volcanism at the south-western margin of the Baltica Plate - using Nb, Zr and Ti for tectono-magmatic interpretation of bentonites**

**Kiipli, Tarmo**; **Hints, Rutt**; **Kallaste, Toivo**; Nielsen, Arne T.; **Pajusaar, Siim**; Schovsbo, Niels H. 10th Baltic Stratigraphic Conference : Checiny, 12-14 September 2017 : abstracts and field guide 2017 / p. 43-44 : ill [http://geo.uw.edu.pl/tl\\_files/publikacje/10th\\_Baltic\\_Stratigraphic\\_Conference\\_Abstracts\\_and\\_Field\\_Guide.pdf](http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abstracts_and_Field_Guide.pdf)

### **Geoloogia instituudi juht Olle Hints: "Teame päris hästi, mis toimus 450 miljonit aastat tagasi"**

**Hints, Olle** *Bioneer.ee* 2023 [Geoloogia instituudi juht Olle Hints: "Teame päris hästi, mis toimus 450 miljonit aastat tagasi"](#)

### **Geoloogia instituudi juht Olle Hints: "Teame päris hästi, mis toimus 450 miljonit aastat tagasi"**

**Hints, Olle** *teadus.postimees.ee* 2023 [Teame päris...](#)

### **Glacioeustatic karst development in the Late Ordovician of Baltica**

**Lehnert, Oliver**; **Männik, Peep**; **Nõlvak, Jaak**; Kröger, Björn; Joachimski, Michael M.; Calner, Mikael; **Bauert, Heikki** *IGCP 591 : The Early to Middle Paleozoic Revolution : Closing Meeting, Ghent University, Belgium, 6-9 July 2016 : abstracts 2016* / p. 52

### **Glendonite occurrences in the Tremadocian of Baltica : first Early Palaeozoic evidence of massive lkaite precipitation at temperate latitudes**

Popov, Leonid E.; Alvaro, J. Javier; Holmer, Lars E.; **Bauert, Heikki**; **Hints, Olle**; **Männik, Peep** 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions 2019 / p. 161-162 <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

### **High-resolution stratigraphic correlation and biodiversity dynamics of Middle and Late Ordovician marine fossils from Baltoscandia and Poland**

Goldman, Daniel; Sheets, H. David; Bergström, Stig M.; **Nõlvak, Jaak**; Podhalanska, Teresa *GeoTirol 2016 : Annual Meeting DGGV, 25-28 September 2016, Innsbruck, Austria : abstract volume 2016* / p. 87 <https://www.uibk.ac.at/geologie/geotiro12016-pangeo/images/abstractvolume.pdf>

### **High-resolution trilobite stratigraphy of the Lower–Middle Ordovician Öland Series of Baltoscandia**

**Pärmaste, Helje**; Bergström, Jan; Zhiyi, Zhou *Geological magazine* 2012 / p. 1-10 : ill <https://pubs.geoscienceworld.org/geolmag/article-abstract/150/3/509/299539/High-resolution-trilobite-stratigraphy-of-the>

### **Hirnantia sagittifera (Brachiopoda) and Mucronaspis mucronata s.l. (Trilobita) in the Upper Ordovician of the East Baltic : taxonomy and distribution**

**Hints, Linda**; **Pärmaste, Helje**; Gailite, Lilita-Iлга *Estonian journal of earth sciences* 2012 / p. 65-81 : ill [https://www.researchgate.net/publication/258439664\\_Hirnantia\\_sagittifera\\_Brachiopoda\\_and\\_Mucronaspis\\_mucronata\\_sl\\_Trilobita\\_in\\_the\\_Upper\\_Ordovician\\_of\\_the\\_East\\_Baltic\\_Taxonomy\\_and\\_distribution](https://www.researchgate.net/publication/258439664_Hirnantia_sagittifera_Brachiopoda_and_Mucronaspis_mucronata_sl_Trilobita_in_the_Upper_Ordovician_of_the_East_Baltic_Taxonomy_and_distribution)

### **Hirnantian (Late Ordovician) brachiopod faunas across Baltoscandia : a global and regional context**

Harper, David A. T.; **Hints, Linda** *Palaeogeography, palaeoclimatology, palaeoecology* 2016 / p. 71-83 <http://dx.doi.org/10.1016/j.palaeo.2015.11.044>

### **Hirnantian sea-level changes in the Baltoscandian Basin, a review**

**Kiipli, Enli**; **Kiipli, Tarmo** *Palaeogeography, palaeoclimatology, palaeoecology* 2020 / art. 109524, 13 p. : ill <https://doi.org/10.1016/j.palaeo.2019.109524> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Hoovused ja settektivimid Ordoviitsiumi ja Vara-Siluri Balti basseinis**

**Kiipli, Enli**; **Kallaste, Toivo**; **Kiipli, Tarmo** *Teadusmõte Eestis (VI). Elu- ja maateadused : [artiklikogumik]* 2011 / lk. 145-149 : ill

### **Hulterstad brachiopods and associated faunas in the Vormsi Stage (Upper Ordovician, Katian) of the Lelle core, Central Estonia**

**Hints, Linda**; **Hints, Olle**; **Nemliher, Reet**; **Nõlvak, Jaak** *Estonian journal of earth sciences* 2007 / 3, p. 131-142 : ill

### **Immobile and mobile elements during the transition of volcanic ash to bentonite - an example from the early Palaeozoic sedimentary section of the Baltic Basin**

**Kiipli, Tarmo**; **Hints, Rutt**; **Kallaste, Toivo**; **Verš, Evelin**; **Voolma, Margus** *Sedimentary geology* 2017 / p. 148-159 : ill <https://doi.org/10.1016/j.sedgeo.2016.11.009>

**Integrated conodont biostratigraphy and carbon isotope chemostratigraphy in the Lower-Middle Ordovician of southern Sweden reveals a complete record of the MDICE**

Wu, Rong-Chang; Calner, Mikael; **Lehnert, Oliver** Geological magazine 2016 / p. 334-353 : ill  
<https://doi.org/10.1017/S0016756816000017>

**Intergrowth of *Orbignyella germana* Bassler, 1911 (Bryozoa) and *Lambelasma carinatum* Weyer, 1993 (Rugosa) in the pelmatozoan-bryozoan-receptaculitid reefs from the Late Ordovician of Estonia**

Vinn, Olev; **Toom, Ursula**; Ernst, Andrej Palaeontologia electronica 2018 / art. 21.1.4A, 7 p : ill <https://doi.org/10.26879/818> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Internal geochemical stratification of bentonites (altered volcanic ash beds) and its interpretation = Bentoniitide (muutunud vulkaanituhkade) geokeemiline isestratifikatsioon ja selle interpretatsioon**

**Siir, Sven** 2015 [https://www.ester.ee/record=b4494461\\*est](https://www.ester.ee/record=b4494461*est)

**Internal stratification of two thick Ordovician bentonites of Estonia : deciphering primary magmatic, sedimentary, environmental and diagenetic signatures**

**Siir, Sven; Kallaste, Toivo; Kiipli, Tarmo; Hints, Rutt** Estonian journal of earth sciences 2015 / p. 140-158 : ill  
[https://artiklid.elnet.ee/record=b2727638\\*est](https://artiklid.elnet.ee/record=b2727638*est)

**Kaljoprion - a new enigmatic jawed polychaete genus from the Upper Ordovician of Estonia**

**Hints, Olle** Estonian journal of earth sciences 2008 / p. 256-259 : ill [https://artiklid.elnet.ee/record=b1076933\\*est](https://artiklid.elnet.ee/record=b1076933*est)

**Late Ordovician and Early Silurian stromatoporoid sponges from Anticosti Island, Eastern Canada : crossing the O/S mass extinction boundary**

**Nestor, Heldur; Copper, Paul; Stock, Carl** 2010 [https://www.ester.ee/record=b2627279\\*est](https://www.ester.ee/record=b2627279*est)

**Late Ordovician jaw-bearing polychaetes from Anticosti Island, eastern Canada, and their biogeographic significance**

**Hints, Olle; Tonarova, Petra**; Desrochers, Andre Canadian journal of earth sciences 2016 / p. 731-738 : ill  
<https://doi.org/10.1139/cjes-2015-0222>

**Late Ordovician jawed polychaete fauna from the Spiti Valley, northern India**

**Tonarova, Petra; Suttner, Thomas J.; Kubjako, Michal; Hints, Olle** Estonian journal of earth sciences 2023 / p. 160  
<https://doi.org/10.3176/earth.2023.74>

**Late Ordovician karst valleys, caves, and breccias of Baltoscandia - a mirror of glacioeustatic sea level changes on a subtropical carbonate shelf**

**Lehnert, Oliver; Männik, Peep; Nõlvak, Jaak**; Kröger, Björn; Joachimski, Michael M.; Calner, Mikael; **Bauert, Heikki**; Schmid, Rebekka Fossils : Key to evolution, stratigraphy and palaeoenvironments : 87th Annual Conference of the Paläontologische Gesellschaft e. V. : Dresden, September 11-15, 2016 : programme, abstracts, field trip guides 2016 / p. 91-92  
[http://www.palges.de/fileadmin/pdf/Tagung\\_2016/PalGesDresden\\_programme\\_abstracts.pdf](http://www.palges.de/fileadmin/pdf/Tagung_2016/PalGesDresden_programme_abstracts.pdf)

**Latest Ordovician (Katian-Hirnantian) carbon isotope chemostratigraphy of the Oslo-Asker region, Norway**

Calner, Mikael; Calner, H.; **Lehnert, Oliver**; Bockelie, F. IGCP 591 : The Early to Middle Paleozoic Revolution : Closing Meeting, Ghent University, Belgium, 6-9 July 2016 : abstracts 2016 / p. 30

**Llandovery (Silurian) conodont provincialism: an update based on quantitative analysis**

**Chen, Zhongyang; Männik, Peep**; Fan, Junxuan Palaeogeography, palaeoclimatology, palaeoecology 2017 / p. 661-672 : ill  
<https://doi.org/10.1016/j.palaeo.2017.07.023>

**Lower and Middle Ordovician chitinozoans from Honghuayuan, South China: Biodiversity patterns and response to environmental changes**

**Liang, Yan; Hints, Olle**; Luan, Xiaocong; Tang, Peng; **Nõlvak, Jaak**; Zhan, Renbin Palaeogeography, palaeoclimatology, palaeoecology 2018 / p. 95-105 <https://doi.org/10.1016/j.palaeo.2018.04.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Lower and Middle Ordovician conodonts from south-eastern Estonia and adjacent Pskov region of Russia**

**Viira, Viive**; Löfgren, Anita The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 73

**Lower and Middle Ordovician conodonts from the subsurface of SE Estonia and adjacent Russia**

**Viira, Viive** Estonian journal of earth sciences 2011 / 1, p. 1-21 : ill [https://artiklid.elnet.ee/record=b2284309\\*est](https://artiklid.elnet.ee/record=b2284309*est)

**Marine redox variability from Baltica during extinction events in the latest Ordovician–early Silurian**

Young, Seth A.; Benayoun, Emily; Kozik, Nevin P.; **Hints, Olle; Martma, Tõnu**; Bergström, Stig M.; Owens, Jeremy D. Palaeogeography, Palaeoclimatology, Palaeoecology 2020 / art. 109792 <https://doi.org/10.1016/j.palaeo.2020.109792> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Marine substrate change and biodiversity in the Ordovician**

Penny, Amelia; **Hints, Olle**; Desrochers, Andre; Kröger, Björn Zooming in on the GOBE : 2020 virtual annual meeting of IGCP 653 : International Geoscience Programme Project 653 : The onset of the Great Ordovician Biodiversification Event, September 7-10, 2020 : Abstracts 2020 / p. 35 "[Abstracts](#)"

### **Mean grain size fluctuations of the siliciclastic component in the Aizpute-41 core : implication for end-Ordovician glaciation**

**Kiipli, Enli; Siir, Sven; Kallaste, Toivo; Kiipli, Tarmo** Estonian journal of earth sciences 2014 / p. 257-263 : ill  
[https://artiklid.elnet.ee/record=b2705898\\*est](https://artiklid.elnet.ee/record=b2705898*est)

### **Melanosclerites from the Late Ordovician to earliest Silurian of Estonia and their palaeogeographical implications**

Du, Minghao; **Nõlvak, Jaak**; Tan, Jingqiang; Gao, Shijia; Wang, Wenhui Palynology 2022 / art. 2012538, 16 p. : ill  
<https://doi.org/10.1080/01916122.2021.2012538> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Metabentonites of the Pirgu Stage (Ashgill, Upper Ordovician) of the East Baltic**

**Kiipli, Enli; Kallaste, Toivo; Kiipli, Tarmo** WOGOGOB-2004 : 8th Meeting of the Working Group on the Ordovician Geology of Baltoscandia : May 13-18, 2004, Tallinn and Tartu, Estonia : conference materials : abstracts and field guidebook 2004 / p. 53-54 : ill  
[https://artiklid.elnet.ee/record=b2610225\\*est](https://artiklid.elnet.ee/record=b2610225*est)

### **Metal enrichment in lithologically complex black shales : a case study from the Tremadocian of NE Estonia**

**Hints, Rutt; Pajusaar, Siim; Urtson, Kristjan; Liiv, Merlin; Kallaste, Toivo** Estonian journal of earth sciences 2021 / p. 36–50 : ill  
<https://doi.org/10.3176/earth.2021.04> [https://kirj.ee/wp-content/plugins/kirj/pub/earth-1-2021-36-50\\_20210128130612.pdf](https://kirj.ee/wp-content/plugins/kirj/pub/earth-1-2021-36-50_20210128130612.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Micro-coprolites inside Ordovician body fossils from Estonia**

**Toom, Ursula; Isakar, Mare; Hints, Olle; Madison, A.; Vinn, Olev** 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions 2019 / p. 211-213 : ill <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

### **Middle and Upper Ordovician carbon isotope stratigraphy in Baltoscandia: towards a regional chemostratigraphic standard**

Ainsaar, Leho; **Kaljo, Dimitri; Martma, Tõnu**; Meidla, Tõnu The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 9

### **Modelling seawater chemistry of the East Baltic Basin in the late Ordovician - early Silurian**

**Kiipli, Enli** 2005 [https://www.ester.ee/record=b2096365\\*est](https://www.ester.ee/record=b2096365*est)

### **More about the Ordovician-Silurian transition beds at Mirny Creek, Omulev Mountains, NE Russia: carbon isotopes and conodonts**

**Kaljo, Dimitri; Männik, Peep; Martma, Tõnu; Nõlvak, Jaak** Estonian journal of earth sciences 2012 / p. 277-294 : ill  
[https://artiklid.elnet.ee/record=b2552072\\*est](https://artiklid.elnet.ee/record=b2552072*est)

### **A new Byrionia species from the Late Ordovician of Estonia**

Vinn, Olev; Kirsimäe, Kalle; Parry, Luke A.; **Toom, Ursula** Estonian journal of earth sciences 2016 / p. 201-206 : ill  
<https://doi.org/10.3176/earth.2016.17>

### **New Early Katian species of Leptestiidae and Hesperorthidae (Brachiopoda) from Lithuania**

Paškevičius, Juozas; **Hints, Linda** Estonian journal of earth sciences 2016 / p. 75-84 : ill <http://dx.doi.org/10.3176/earth.2016.05>

### **Nitrogen isotopes in kukersite and black shale implying Ordovician-Silurian seawater redox conditions**

**Kiipli, Enli; Kiipli, Tarmo** Oil shale 2013 / p. 60-75 : ill

### **On the enigma of Palaeonigma wrangeli (Schmidt), a conulariid with a partly non-mineralized skeleton**

Kröger, Björn; Vinn, Olev; **Toom, Ursula; Corfe, Ian J.**; Kuva, Jukka; Zaton, Michal PeerJ 2021 / Art. e12374  
<https://doi.org/10.7717/peerj.12374> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Ordovician and lowermost Silurian carbon isotopes**

**Martma, Tõnu** Estonian geological sections / Geological Survey of Estonia 2006 / p. 14-15 : ill

### **Ordovician and Silurian ichnofossils from carbonate facies in Estonia: A collection-based review**

**Toom, Ursula; Vinn, Olev; Hints, Olle** Palaeoworld 2019 / p. 123-144 : ill <https://doi.org/10.1016/j.palwor.2018.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Ordovician and Silurian trace fossils of Estonia = Ordoviitsiumi ja Siluri ajastu jäljekivistised Eestis**

**Toom, Ursula** 2019 <https://digikogu.taltech.ee/et/Item/e8c71b8a-d696-4ef1-aa09-70f6543a5e6f>

### **Ordovician bioerosion revolution on Baltica**

**Toom, Ursula**; Vinn, Olev; **Hints, Olle** Zooming in on the GOBE : 2020 virtual annual meeting of IGCP 653 : International Geoscience Programme Project 653 : The onset of the Great Ordovician Biodiversification Event, September 7-10, 2020 : Abstracts 2020 / p. 50

### **Ordovician conodont diversity in the northern Baltic**

**Männik, Peep**; **Viira, Viive** Estonian journal of earth sciences 2012 / p. 1-14 : ill [https://artiklid.elnet.ee/record=b2480015\\*est](https://artiklid.elnet.ee/record=b2480015*est)

### **Ordovician eunicid polychaetes of Estonia and surrounding area : a review of their distribution and diversification**

**Hints, Olle** Review of palaeobotany and palynology 2001 / p. 41-55

### **Ordovician of the Eastern Baltic palaeobasin and the Tornquist Sea margin of Baltica**

Meidla, Tõnu; Ainsaar, Leo; **Hints, Olle**; Radzevičius, Sigita Geological Society, London, Special Publications 2022 / 1-27 p. : ill <https://doi.org/10.1144/SP532-2022-141>

### **Ordovician proetid trilobites in Baltoscandia and Germany = Baltoscandia ja Saksamaa Ordoviitsiumi proetiidsed trilobiidid**

**Popp, Adrian** 2011

### **Ordovician reef and mound evolution: the Baltoscandian picture**

Kröger, Björn; **Hints, Linda**; **Lehnert, Oliver** Geological magazine 2017 / p. 683-706 : ill <https://doi.org/10.1017/S0016756816000303>

### **Ordovician scolecodonts of Estonia and neighbouring areas: taxonomy, distribution, palaeoecology, and application**

**Hints, Olle**; **Pirrus, Enn-Aavo** 2002 [https://www.ester.ee/record=b1658875\\*est](https://www.ester.ee/record=b1658875*est)

### **Ordovician timescale in Estonia : recent developments**

**Nõlvak, Jaak**; **Hints, Olle**; **Männik, Peep** Proceedings of the Estonian Academy of Sciences. Geology 2006 / 2, p. 95-108

### **Ordovician-Silurian boundary beds at Neitla, North Estonia: sedimentological and carbon isotopic signatures of events, some consequences**

**Kaljo, Dimitri**; Einasto, R.; **Martma, Tõnu** The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 29

### **Ordoviikkikausi Virossa ja Edellä-Suomessa**

**Nestor, Heldur**; **Soesoo, Alvar**; Linna, Ari; **Hints, Olle**; **Nõlvak, Jaak** 2006 [https://www.ester.ee/record=b2145299\\*est](https://www.ester.ee/record=b2145299*est)

### **Ordoviitsium Eestis ja Lõuna-Soomes**

**Nestor, Heldur**; **Soesoo, Alvar**; Linna, Ari; **Hints, Olle**; **Nõlvak, Jaak** 2006 [https://www.ester.ee/record=b2145298\\*est](https://www.ester.ee/record=b2145298*est)

### **Oxygen isotope compositions of conodonts – analytical challenges of in situ SIMS studies**

Wudarska, Alicja; Wiedenbeck, Michael; **Hints, Olle**; **Männik, Peep**; **Lepland, Aivo**; Joachimski, Michael M.; Couffignal, Frederic; Scicchitano, Maria Rosa; Wilke, Franziska D. H. Estonian journal of earth sciences 2023 / p. 166 <https://doi.org/10.3176/earth.2023.39>

### **Paekivi uuringud paljastavad: Eesti ala asus kunagi lõunapoolkeral ning oli kaetud troopilise madalmerega [Võrguväljaanne]**

forte.delfi.ee 2021 "[Paekivi uuringud paljastavad: Eesti ala asus kunagi lõunapoolkeral ning oli kaetud troopilise madalmerega](https://www.ester.ee/record=b2145299*est)"

### **Paired carbonate and organic carbon isotope records from the Ordovician of Estonia: Local, regional or global drivers?**

**Hints, Olle**; **Lepland, Aivo**; **Liiv, Merlin**; Meidla, Tõnu; Ainsaar, Leho Zooming in on the GOBE : 2020 virtual annual meeting of IGCP 653 : International Geoscience Programme Project 653 : The onset of the Great Ordovician Biodiversification Event, September 7-10, 2020 : Abstracts 2020 / p. 24 "[Programme](#)"

### **Paired organic and carbonate carbon isotope records through the Middle and Upper Ordovician of Estonia**

**Hints, Olle**; **Kaljo, Dimitri**; **Lepland, Aivo**; **Liiv, Merlin**; **Martma, Tõnu**; Ainsaar, Leho 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions 2019 / p. 75-77 <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

### **Palaeoenvironmental and biostratigraphical implications of selected Floian and Dapingian (Ordovician) chitinozoans of the South China Palaeoplate**

**Liang, Yan**; **Hints, Olle**; Servais, Thomas; Luan, Xiaocong; **Nõlvak, Jaak**; Tang, Peng; Wu, Rong-Chang Lethaia 2018 / 220-231 p. : ill <https://doi.org/10.1111/let.12308> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Parasite-induced shell damage in brachiopod Porambonites (Porambonites) laticaudata from the Late Ordovician (Sandbian) of Estonia**

Vinn, Olev; De Baets, Kenneth; Isakar, Mare; **Toom, Ursula** Estonian journal of earth sciences 2023 / p. 110-113 : phot <https://doi.org/10.3176/earth.2023.23>

**Peep Vassiljev: fosforiidi kaevandamine tooks Kunda ja Rakvere vahele tühermaa**

Tohver, Andres Virumaa Teataja 2023 / Lk. 2 [Peep Vassiljev: fosforiidi kaevandamine tooks Kunda ja Rakvere vahele tühermaa](#)

**Possible metazoan egg fossils from the Darriwilian (Middle Ordovician) of Baltoscandia**

Hints, Olle; Nõlvak, Jaak; Liang, Yan Estonian journal of earth sciences 2021 / p. 240-252 : ill <https://doi.org/10.3176/earth.2021.16>  
[Journal metrics at Scopus](#) [Article at Scopus](#)

**Pyroclastic sandstone in the lower palaeozoic bentonites - a tool for regional geological correlations = Püroklastiline sandiini alam-paleosoikumide bentoniitides - regionaalstratigraafia uus töövahend**

Kallaste, Toivo 2014 [https://www.ester.ee/record=b3064982\\*est](https://www.ester.ee/record=b3064982*est)

**Rahvusvahelisel geoloogia konverentsil arutletakse kliimamuutuste üle**

postimees.ee 2023 [Rahvusvahelisel geoloogia konverentsil arutletakse kliimamuutuste üle](#)

**Rare arthropod traces from the Ordovician and Silurian of Estonia (Baltica)**

Vinn, Olev; Toom, Ursula Neues Jahrbuch für Geologie und Paläontologie 2016 / p. 135-141 : ill <https://dx.doi.org/10.1127/njgpa/2016/0570>

**Rare rugosan-bryozoan intergrowth from the Upper Ordovician of Estonia**

Vinn, Olev; Ernst, Andrej; Toom, Ursula Carnets de géologie 2017 / p. 145-151 : ill <http://dx.doi.org/10.4267/2042/62664>

**Rare tool marks from the Upper Ordovician of Estonia (Baltica)**

Vinn, Olev; Toom, Ursula Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2016 / p. 221-226 : ill <https://doi.org/10.1127/njgpa/2016/0596>

**Recent advances in the Ordovician stratigraphy of the Baltic Palaeobasin and Tornquist margin of Baltica**

Meidla, Tõnu; Ainsaar, Leho; Hints, Olle; Radzevičius, Sigitas Estonian journal of earth sciences 2023 / p. 149  
<https://doi.org/10.3176/earth.2023.54>

**Reconstruction of currents in the Ordovician-Silurian Baltic Basin**

Kiipli, Enli The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 33

**Revision of Ordovician chitinozoan *Lagenochitina esthonica* sensu lato : morphometrics, biostratigraphy and paleobiogeography**

Liang, Yan; Nõlvak, Jaak; Xu, Honghe; Chen, Yansen; Hints, Olle Journal of paleontology 2022 / p. 46-60  
<https://doi.org/10.1017/jpa.2021.79> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Revision of the concept of the orthide brachiopod *Cyrtotella* in the Middle Ordovician of the East Baltic**

Hints, Linda Estonian journal of earth sciences 2014 / p. 63-70 : ill [https://artiklid.elnet.ee/record=b2673722\\*est](https://artiklid.elnet.ee/record=b2673722*est)

**Ripple marks as indicators of Late Ordovician sedimentary environments in Northwest Estonia**

Hints, Linda; Miidel, Avo Estonian journal of Earth sciences 2008 / 1, p. 11-22 : ill

**Rugosan epibionts on vertical stems from the Ludlow and Pridoli of Saaremaa, Estonia (Baltica)**

Vinn, Olev; Toom, Ursula Palaios 2016 / p. 35-40 : ill <http://dx.doi.org/10.2110/palo.2015.051>

**Sandbian chitinozoan biostratigraphy - tracking the North Estonian Ordovician regional stages across the Palaeobaltic basin**

Bauert, Heikki; Bauert, Garmen; Stouge, Svend 10th Baltic Stratigraphic Conference : Checiny, 12-14 September 2017 : abstracts and field guide 2017 / p. 15-16 : ill [http://geo.uw.edu.pl/tl\\_files/publikacje/10th\\_Baltic\\_Stratigraphic\\_Conference\\_Abstracts\\_and\\_Field\\_Guide.pdf](http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abstracts_and_Field_Guide.pdf)

**Sandbian (Late Ordovician) conodonts in Estonia : distribution and biostratigraphy**

Paiste, Tõnn; Männik, Peep; Meidla, Tõnu GFF 2022 / p. 9-23 : ill <https://doi.org/10.1080/11035897.2021.2020333> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Searching for the Ordovician-Silurian boundary in Estonia, Latvia and Lithuania**

Meidla, Tõnu; Hints, Olle; Ainsaar, Leho Estonian journal of earth sciences 2023 / p. 70-73 : ill <https://doi.org/10.3176/earth.2023.53>

**Small cornulitids from the Upper Ordovician (Katian) of Estonia**

Vinn, Olev; Wilson, Mark A.; Madison, Anna; Toom, Ursula Palaeoworld 2023 / 8 p. : ill <https://doi.org/10.1016/j.palwor.2022.12.005>  
[Journal metrics at Scopus](#) [Article at Scopus](#)

**Small faecal pellets in Ordovician shelly fossils from Estonia, Baltoscandia**

Toom, Ursula; Vinn, Olev; Isakar, Mare; Madison, Anna; Hints, Olle Estonian journal of earth sciences 2020 / p. 1-19 : ill

**Stop B2: Ordovician-Silurian boundary in Estonia: localities at Porkuni and Neitla**

**Kaljo, Dimitri**; Einasto, Rein; **Hints, Linda** The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 100-104 : ill

**Stratigraphy and facies differences of the Middle Darriwilian Isotopic Carbon Excursion (MDICE) in Baltoscandia**

Ainsaar, Leho; Tinn, Oive; Dronov, Andrei V.; **Kiipli, Enli**; Radzevičius, Sigitas; Meidla, Tõnu Estonian journal of earth sciences 2020 / p. 214–222 <https://doi.org/10.3176/earth.2020.16> [http://www.ester.ee/record=b2246661\\*est](http://www.ester.ee/record=b2246661*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Suurte silmadega väike mereelukas Telephina**

**Pärnaste, Helje** Eesti Loodus 2012 / lk. 20-23 : ill [https://artiklid.elnet.ee/record=b2495111\\*est](https://artiklid.elnet.ee/record=b2495111*est)

**Symbiosis in brachiopods and brachiopod-attached trepostome bryozoans from the Katian of Estonia**

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; Tinn, Oive; Isakar, Mare; **Toom, Ursula** Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2023 / p. 41–50 <http://doi.org/10.1127/njgpa/2023/1111>

**Symbiosis in trepostome bryozoans from the Sandbian (Late Ordovician) of Estonia**

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Historical Biology : An International Journal of Paleobiology 2022 / p. 1029-1038 : ill., map <https://doi.org/10.1080/08912963.2021.1959579> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Symbiosis of conulariids with trepostome bryozoans in the Upper Ordovician of Estonia (Baltica)**

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Palaeogeography, palaeoclimatology, palaeoecology 2019 / p. 89-96 : ill <https://doi.org/10.1016/j.palaeo.2019.01.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Symbiosis of cornulitids and bryozoans in the Late Ordovician of Estonia (Baltica)**

Vinn, Olev; Ernst, Andrej; **Toom, Ursula** Palaios 2018 / p. 290-295 : ill <https://doi.org/10.2110/palo.2018.018> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**TectonoMagmatic division of the Late Ordovician (Sandbian) volcanism at the southWestern margin of Baltica using immobile trace elements : Relations to the plate movements in the Iapetus PalaeoOcean**

**Kiipli, Tarmo**; **Hints, Rutt**; Nielsen, Arne T.; **Pajusaar, Siim**; Schovsbo, Niels H. Geological journal 2020 / p. 5155-5165 : ill <https://doi.org/10.1002/gj.3737> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Tectono-magmatic interpretation of the Ordovician and Silurian volcanism in the eastern region of the Iapetus Palaeo-Ocean : review from the volcanic record in the Baltic sedimentary basin**

**Kiipli, Tarmo** ResearchGate 2022 / 21 p. : ill <https://doi.org/10.13140/RG.2.2.24656.79368>

**The boundary between the Haljala and Kukruse Regional Stages (Ordovician) in north-western Estonia**

Paiste, Tõnn; Meidla, Tõnu; **Männik, Peep** 10th Baltic Stratigraphic Conference : Checiny, 12-14 September 2017 : abstracts and field guide 2017 / p. 65-66 : ill [http://geo.uw.edu.pl/tl\\_files/publikacje/10th\\_Baltic\\_Stratigraphic\\_Conference\\_Abstracts\\_and\\_Field\\_Guide.pdf](http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abstracts_and_Field_Guide.pdf)

**The earliest cornulitid on the internal surface of the illaenid pygidium from the Middle Ordovician of Estonia**

Vinn, Olev; **Toom, Ursula**; Isakar, Mare Estonian journal of earth sciences 2017 / p. 193-197 : ill <https://doi.org/10.3176/earth.2017.19>

**The earliest Ordovician trace fossils Cruziana and Rusophycus from Baltica**

**Pärnaste, Helje**; **Toom, Ursula**; Popov, Leonid E. Estonian journal of earth sciences 2023 / p. 154 <https://doi.org/10.3176/earth.2023.63>

**The early Katian (Late Ordovician) reefs near Saku, northern Estonia and the age of the Saku Member, Vasalemma Formation**

Kröger, Björn; **Hints, Linda**; Lehnert, Oliver; **Männik, Peep**; **Joachimski, Michael M.** Estonian journal of earth sciences 2014 / p. 271-276 : ill <https://doi.org/10.3176/earth.2014.30> [https://artiklid.elnet.ee/record=b2705917\\*est](https://artiklid.elnet.ee/record=b2705917*est)

**The Early Ordovician trilobite distribution and zonation of the East Baltic**

**Pärnaste, Helje** Proceedings of the Estonian Academy of Sciences. Geology 2006 / 2, p. 109-127 : ill

**The Great Ordovician Biodiversification Event: Linked to phytoplankton evolution or to asteroid impacts?**

Servais, T.; **Hints, Olle**; Kröger, Björn; **Nõlvak, Jaak**; Vecoli, M.; Wallin, A. The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 63

**The Guttenberg carbon isotope excursion (GICE; Ordovician) in Estonia**

**Bauert, Heikki**; **Hints, Olle**; **Bauert, Garmen**; **Nõlvak, Jaak**; Ainsaar, Leho; **Martma, Tõnu** 10th Baltic Stratigraphic Conference :

Checiny, 12-14 September 2017 : abstracts and field guide 2017 / p. 13-14 : ill  
[http://geo.uw.edu.pl/tl\\_files/publikacje/10th\\_Baltic\\_Stratigraphic\\_Conference\\_Abstracts\\_and\\_Field\\_Guide.pdf](http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abstracts_and_Field_Guide.pdf)

**The Hirnantian (Late Ordovician) brachiopod fauna of the East Baltic : taxonomy of the key species**

Hints, Linda; Harper, David A. T. Acta palaeontologica polonica 2015 / p. 395-420 : ill <http://dx.doi.org/10.4202/app.2013.0010>

**The intrusion of glacial melt-water and its influence on the geochemical evolution of groundwater in the Ordovician-Cambrian aquifer system in the northern part of the Baltic Artesian Basin (Estonia) [Online resource]**

Pärn, Joonas; Raidla, Valle; Vaikmäe, Rein; Martma, Tõnu; Ivask, Jüri; Kaup, Enn; Mokrik, Robert International Symposium on Isotope Hydrology : Revisiting Foundations and Exploring Frontiers : 11-15 May 2015, Vienna, Austria : book of extended synopses : poster session 1 2015 / p. 39-40

**The lower boundary of the Haljala Regional Stage (Sandbian, Upper Ordovician) in Estonia**

Paiste, Tõnn; Männik, Peep; Nõlvak, Jaak; Meidla, Tõnu Estonian journal of earth sciences 2020 / p. 76–90 : ill  
<https://doi.org/10.3176/earth.2020.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The Ordovician and Silurian conodonts of Japan : their biostratigraphical and paleobiogeographical significance**

Männik, Peep; Maekawa, Takumi; Tanaka, Gengo; Hints, Olle Island Arc 2018 / art. e12269, 11 p. : ill <https://doi.org/10.1111/iar.12269>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The Ordovician bioclastration revolution**

Vinn, Olev; Wilson, Mark A.; Ernst, Andrej; Toom, Ursula Geobios 2023 <https://doi.org/10.1016/j.geobios.2022.10.007>

**The Ordovician brachiopod genus Cyrtontella: taxonomy and distribution in the Baltic Basin**

Hints, Linda Estonian journal of earth sciences 2019 / p. 147–159 : ill <https://doi.org/10.3176/earth.2019.10>  
[https://www.ester.ee/record=b2246661\\*est](https://www.ester.ee/record=b2246661*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The Ordovician System in Estonia**

Meidla, Tõnu; Ainsaar, Leho; Hints, Olle The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 95-98 : ill

**The Pirgu Regional Stage (Upper Ordovician) in the East Baltic : lithostratigraphy, biozonation, and correlation**

Hints, Linda; Oraspõld, Asta; Nõlvak, Jaak Proceedings of the Estonian Academy of Sciences. Geology 2005 / 4, p. 225-259 : ill

**The recharge of glacial meltwater and its influence on the geochemical evolution of groundwater in the Ordovician-Cambrian aquifer system, northern part of the Baltic Artesian Basin**

Pärn, Joonas; Raidla, Valle; Vaikmäe, Rein; Martma, Tõnu; Ivask, Jüri; Mokrik, Robert; Erg, Katrin Applied geochemistry 2016 / p. 125-135 : ill <https://doi.org/10.1016/j.apgeochem.2016.07.007>

**The trace fossil Zoophycos from the Silurian of Estonia**

Vinn, Olev; Toom, Ursula Estonian journal of earth sciences 2015 / p. 284-288 : ill [https://artiklid.elnet.ee/record=b2750892\\*est](https://artiklid.elnet.ee/record=b2750892*est)

**Towards a revised Sandbian conodont biozonation of Baltica**

Paiste, Tõnn; Männik, Peep; Stouge, Svend; Meidla, Tõnu Estonian journal of earth sciences 2023 / p. 153  
<https://doi.org/10.3176/earth.2023.07>

**Trace elements indicating humid climatic events in the Ordovician-early Silurian**

Kiipli, Enli; Kiipli, Tarmo; Kallaste, Toivo; Pajusaar, Siim Chemie der Erde = Geochemistry 2017 / p. 625-631 : ill  
<https://doi.org/10.1016/j.chemer.2017.05.002>

**Trace metals and isotopes in Estonian black shales : Cambro-Ordovician shallow water anoxia on the Baltica shelf?**

Johnson, Sean C.; McGoldrick, Peter J.; Sõstra, Ülo Goldschmidt Conference abstracts : 2016 2016 / p. 1372  
<http://goldschmidt.info/2016/uploads/abstracts/finalPDFs/A-Z.pdf>

**Tremadocian (Early Ordovician) chitinozoan biostratigraphy of South China : an update**

Liang, Yan; Servais, Thomas; Tang, Peng; Liu, Jianbo; Wang, Wenhui Review of palaeobotany and palynology 2017 / p. 149-163 : ill  
<https://doi.org/10.1016/j.revpalbo.2017.08.008>

**Trilobites and biofacies in the Early-Middle Ordovician of Baltica and a brief comparison with the Yangtze Plate**

Bergström, Jan; Pärnaste, Helje; Zhiyi, Zhou Estonian journal of earth sciences 2013 / p. 205-230 : ill  
[https://artiklid.elnet.ee/record=b2651566\\*est](https://artiklid.elnet.ee/record=b2651566*est)

**Unusual quartz forms in Ordovician bentonites**

Kallaste, Toivo; Kiipli, Tarmo; Kleesment, Anne-Liis The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 30

## **Uranium and thorium resources of Estonia**

**Soesoo, Alvar**; Vind, Johannes; Hade, Sigrid Minerals 2020 / art. 798, 25 p. : ill <https://doi.org/10.3390/min10090798> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Uut liiki ürgne meriliilia sai nime Tallinna ja Eesti geoloogi järgi**

Eesti Ekspress 2021 / Lk. 9 : fot <https://dea.digar.ee/article/eestiekspress/2021/01/06/9.12>

## **Variations in carbon isotope composition of microfossils and bulk organic matter from the Middle Ordovician through Wenlock (Silurian) in Estonia**

**Hints, Olle**; **Kaljo, Dimitri**; **Kaptein, Helja**; **Martma, Tõnu**; Munnecke, Axel 10th Baltic Stratigraphic Conference : Checiny, 12-14 September 2017 : abstracts and field guide 2017 / p. 36-37  
[http://geo.uw.edu.pl/tl\\_files/publikacje/10th\\_Baltic\\_Stratigraphic\\_Conference\\_Abstracts\\_and\\_Field\\_Guide.pdf](http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abstracts_and_Field_Guide.pdf)

## **Vasalemma paas : Eesti ala vanim rifflubjakivi Hilis-Ordoviitsiumi troopikast**

Kröger, Björn; **Hints, Linda** Horisont 2014 / lk. 12-13 : ill [https://artiklid.elnet.ee/record=b2679629\\*est](https://artiklid.elnet.ee/record=b2679629*est)

## **WOGOGOB-2004 : 8th Meeting of the Working Group on the Ordovician Geology of Baltoscandia : May 13-18, 2004, Tallinn and Tartu, Estonia : conference materials : abstracts and field guidebook**

**Hints, Olle**; Ainsaar, Leho 2004 [https://www.ester.ee/record=b1919764\\*est](https://www.ester.ee/record=b1919764*est)

## **δ13C chemostratigraphy in the upper Tremadocian through lower Katian (Ordovician) carbonate succession of the Siljan district, central Sweden**

**Lehnert, Oliver**; Meinhold, Guido; Wu, Rong-Chang; Calner, Mikael; Joachimski, Michael M. Estonian journal of earth sciences 2014 / p. 277-286 : ill <https://doi.org/10.3176/earth.2014.31> [https://artiklid.elnet.ee/record=b2705925\\*est](https://artiklid.elnet.ee/record=b2705925*est)

## **δ13C chemostratigraphy of the Middle and Upper Ordovician succession in the Tartu-453 drillcore, southern Estonia, and the significance of the HICE**

**Bauert, Heikki**; Ainsaar, Leho; Põldsaar, Kairi; Sepp, Siim Estonian journal of earth sciences 2014 / p. 195-200 : ill [https://artiklid.elnet.ee/record=b2705791\\*est](https://artiklid.elnet.ee/record=b2705791*est)

## **Брахиподы Enteletacea ордовика Прибалтики : [монография]**

**Hints, Linda** 1975 [https://www.ester.ee/record=b1310669\\*est](https://www.ester.ee/record=b1310669*est)

## **К характеристике фоссильного органического вещества нижнего ордовика Эстонии (Маардуская пачка пакерортского горизонта)**

Сумверг А.И.; **Urov, Kaarli**; **Aasamäe, Ernst** Горючие сланцы 1990 / 3/4, с. 238-244

## **Конодонты ордовика Прибалтики : /специальность № 128 - палеонтология и стратиграфия : диссертация на соискание ученой степени кандидата геолого-минералогических наук**

Viira, Viive 1970 [https://www.ester.ee/record=b4416494\\*est](https://www.ester.ee/record=b4416494*est)

## **Конодонты ордовика Прибалтики : автореферат ... кандидата геолого-минералогических наук (128)**

Viira, Viive 1970 [https://www.ester.ee/record=b1397871\\*est](https://www.ester.ee/record=b1397871*est)

## **Ресурсосберегающая добыча карбонатных пород исходя из их химического состава (на примере верхнего и среднего ордовика Эстонии)**

**Iskül, Riho**; **Notton, Angela**; **Sõstra, Ülo** Ресурсовоспроизводящие, малоотходные и природоохранные технологии освоения недр : материалы VIII Международной конференции : Москва-Таллинн, 14-18 сентября 2009 г 2009 / с. 15-18

## **Строматопороидеи ордовика и силура Эстонии : автореферат ... кандидата геолого-минералогических наук**

Hector, Heldur 1964 [https://www.ester.ee/record=b1558436\\*est](https://www.ester.ee/record=b1558436*est)

## **Строматопороидеи ордовика и силура Эстонии : диссертация на соискание ученой степени кандидата геолого-минералогических наук**

Hector, Heldur 1964 [https://www.ester.ee/record=b2961638\\*est](https://www.ester.ee/record=b2961638*est)