

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

Schröder, 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 national geoscience data platform and its application in Paleobiodiversity Studies: experiences from Estonia

Hints, Olle; Isakar, Mare; **Toom, Ursula** Biodiversity information science and standards 2019 / art. e38001, 3 p
<https://doi.org/10.3897/biss.3.38001>

A review of ichnofossils from Estonian palaeontological collections

Toom, Ursula; Vinn, Olev; **Hints, Olle** 10th Baltic Stratigraphic Conference : Checiny, 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

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 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

Alpha, beta and gamma diversity controls on Ordovician-Silurian brachiopods of the Baltic Basins

Kröger, Björn; Penny, A.; **Hints, Olle** 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions 2019 / p. 107 <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

An example of a regional geological database and its application for analyzing diversity patterns of Ordovician and Silurian chitinozoans of Baltoscandia

Hints, Olle; Antonovits, Liina; Nestor, Viie; **Nõlvak, Jaak** Ordovician By The Lakes : International Geoscience Programme Project 653 - Opening Meeting 2016 / p. 19-20 <http://www.igcp653.org/wp-content/uploads/2016/03/A5-Programme-FINAL-WEB-2-REDUCED.pdf>

Anniversaries provoke interest in lessons gained from history

Heinsalu, Atko; **Hints, Olle**; Kaljo, Dimitri Estonian journal of earth sciences 2012 / p. 193-194
https://www.researchgate.net/publication/278255164_Anniversaries_provoke_interest_in_lessons_gained_from_history

Assessing the quality of Baltoscandian chitinozoan biozones using quantitative stratigraphy [Online resource]

Hints, Olle; Antonovits, Liina; **Nõlvak, Jaak**; Liang, Yan Trekking Across the GOBE : From the Cambrian through the Katian, June 3-7, 2018 : program & abstracts 2018 / p. 39 <https://igcp653athens2018.files.wordpress.com/2018/05/conference-programabstracts-sm1.pdf>

Authigenic silicate formation from volcanic ash in the Kinnekulle bed (Ordovician, Baltic region)

Kiipli, Tarmo; **Hints, Olle**; Kallaste, Toivo; Kiipli, Enli Euroclay 1999 : Conference of the European Clay Association : Sept. 5.-9.1999, Krakow, Poland : abstracts 1999 / p. 100

Avatud teadus

Hints, Olle Eesti teadus 2016 2016 / lk. 50-51

Baltic Ordovician and Silurian chitinozoans : a quantitative stratigraphic synthesis

Antonovits, Liina; Nestor, Viie; **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

Biogeography of early Paleozoic scolecodont-bearing polychaetes new data from South China and Tarim

Hints, Olle; Li, J.; Tang, P.; Yan, K The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 24

Carbon isotopic composition of Ordovician carbonates in Baltoscandia : shallow marine facies shifting the $\delta^{13}\text{C}_{\text{carb}}$ values in different ways

Ainsaar, Leho; Meidla, Tõnu; **Hints, Olle** 13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions 2019 / p. 7-8 <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

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](#)

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

Hints, Olle; Antonovits, 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 dynamics and biostratigraphy in the Vao Formation (Darriwilian) of the Uuga Cliff, Pakri Peninsula, NW Estonia

Tammekänd, Mairi; Hints, Olle; Nõlvak, Jaak Estonian journal of earth sciences 2010 / 1, p. 25-36 : ill
https://artiklid.elnet.ee/record=b1965715*est

Chitinozoan nomenclature and databases

Camina, Sonia; **Hints, Olle**; Butcher, Anthony Estonian journal of earth sciences 2023 / p. 123 <https://doi.org/10.3176/earth.2023.21>

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

Chitinozoans and scolecodonts from the Silurian and Devonian of Japan

Vandenbroucke, Thijs R. A.; **Hints, Olle**; Williams, Mark; **Männik, Peep** Island Arc 2019 / art. e12294, 13 p. : ill
<https://doi.org/10.1111/iar.12294> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

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

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) conodont biostratigraphy in NW Estonia

Hints, Olle; Viira, Viive; Nõlvak, Jaak Estonian journal of earth sciences 2012 / p. 210-226 : ill
https://kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2012/issue_4/earth-2012-4-210-226.pdf

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>

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

Distribution of scolecodonts

Hints, Olle Estonian geological sections / Geological Survey of Estonia 2001 / p. 12-14

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>

Early and early Middle Ordovician chitinozoans from the Baldone drill core, central Latvia

Nõlvak, Jaak; Liang, Yan; **Hints, Olle** Estonian journal of earth sciences 2022 / p. 25-43 : ill <https://doi.org/10.3176/earth.2022.03>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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 diversification of Ordovician chitinozoans on Baltica : New data from the Jägala waterfall section, northern Estonia

Nõlvak, Jaak; Liang, Yan; Hints, Olle Palaeogeography, palaeoclimatology, palaeoecology 2019 / p. 14-24 : ill

<https://doi.org/10.1016/j.palaeo.2019.04.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Eesti geoloogilised kollektsioonid : [ka TTÜ Geoloogia Instituudi kogudest]

Hints, Olle; Isakar, Mare; Hints, Rutt Eesti humanitaar- ja loodusteaduslikud kogud : seisund, kasutamine, andmebaasid 2008 / lk. 181-200 : ill

Effects of early marine diagenesis and site-specific depositional controls on carbonate-associated sulfate: Insights from paired S and O isotopic analyses

Richardson, Jocelyn A.; Lepland, Aivo; Hints, Olle; Prave, Anthony R.; Gilhooly III, William P.; Bradley, Alexander S.; Fike, David A Chemical geology 2021 / art. 120525 <https://doi.org/10.1016/j.chemgeo.2021.120525> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

E-maapõue visioon

Hints, Olle Maapõuevisioon 2018 / lk. 30-38 <https://drive.google.com/file/d/1pjKPPVkp2tP6-ctkrPlxsagoXNd72hF1/view>

https://www.ester.ee/record=b5165467*est

Estonian geological sections. Bulletin 3, Valga (10) drill core. /Eesti tugiläbilõiked. Bülletään 3, Valga (10) puursüdamik/ (50 lk, trükiarv 500) : [2001. a. lõpetatud töö referaat]

Põldvere, Anne; Kleesment, Anne-Liis; **Nõlvak, Jaak**; Männik, Peep; **Hints, Olle**; Meidla, Tõnu; **Kiipli, Tarmo**; Kallaste, Toivo;

Ainsaar, Leho Eesti Geoloogiakeskuse aastaraamat 2001 2002 / lk. 78-79 https://artiklid.elnet.ee/record=b2287178*est

Estonian Journal of Earth Sciences

2022 https://www.ester.ee/record=b2246661*est

Estonian Journal of Earth Sciences

Hints, Olle Eesti Teaduste Akadeemia sõnas ja pildis 2022 2023 / lk. 62-63 : ill https://www.ester.ee/record=b5054043*est

Estonian Journal of Earth Sciences

2023 https://www.ester.ee/record=b2246661*est

Estonian Journal of Earth Sciences

2020 <https://kirj.ee/earthsciences/> https://www.ester.ee/record=b2246661*est

Estonian Journal of Earth Sciences

2021 <https://kirj.ee/earthsciences/> https://www.ester.ee/record=b2246661*est

Estonian Journal of Earth Sciences

2019 <http://www.kirj.ee/10396/> https://www.ester.ee/record=b2246661*est

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

Excursion C: Silurian of Saaremaa Island : [20-22 May 2008]

Männik, Peep; Hints, Olle; Kaljo, Dimitri; Nestor, Heldur; Märss, Tiit; Viira, Viive The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 111-137 : ill

Exotic Devonian palynomorphs from the Sifa-1X well in the Western Desert, Egypt

Makled, Walid A.; Hints, Olle; Hosny, Atef M.; Shahat, Wafaa I.; Gentzis, Thomas Palynology 2021 / p. 363-380 : ill

<https://doi.org/10.1080/01916122.2020.1829726> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

15th Meeting of the Association of European Geological Societies "Georesources and public policy : research,

management, environment" : 16-20 September 2007, Tallinn, Estonia : abstracts

2007 https://www.ester.ee/record=b2291667*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](#)

Frequency patterns of chitinozoans, scolecodonts, and conodonts in the upper Llandovery and lower Wenlock of the Paatsalu core, western Estonia

Hints, Olle; Killing, Mairi; Männik, Peep; Nestor, Viuu-Kai *Proceedings of the Estonian Academy of Sciences. Geology* 2006 / 2, p. 128-155 : ill

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...](#)

Geoloogilised andmed ja nende kättesaadavus Eestis : hetkeseis ja tulevikuperspektiivid

Hints, Olle XXII aprillikonverentsi Geoloogialt ühiskonnale teesid 2014 / lk. 33-35

Geoscience collections at TalTech, Estonia - a journey from "rocks in drawers" to a wellcurated and accessible natural history archive : behind the Scenes at the Museum

Toom, Ursula; **Hints, Olle** The Palaeontological Association Newsletter 2021 / p. 44-47

<https://www.palass.org/publications/newsletter/archive/106/newsletter-no-106>

Glendonite occurrences in the Tremadocian of Baltica : first Early Palaeozoic evidence of massive Ikaite 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>

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

Popov, Leonid E.; Alvaro, J. Javier; **Bauert, Heikki**; Ghobadi Pour, Mansoureh; Dronov, Andrei V.; **Hints, Olle**; **Männik, Peep** *Scientific reports* 2019 / art. 7205 ; 10 p.: ill <https://doi.org/10.1038/s41598-019-43707-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hapnikupuudus lõpetas ürgmere elurikkuse

Imeline Teadus 2019 / lk. 20 : ill https://www.ester.ee/record=b2747925*est

Hirnantian (latest Ordovician) bio- and chemostatigraphy of the Stirnas-18 core, western Latvia

Hints, Linda; **Hints, Olle**; Kaljo, Dimitri; Kiipli, Tarmo; Männik, Peep; Nõlvak, Jaak; Pärnaste, Helje *Estonian journal of earth sciences* 2010 / p. 1-24 : ill https://artiklid.elnet.ee/record=b2739538*est

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

Institute of Geology 2001 : [annual report]

2002 https://www.ester.ee/record=b1631976*est

Institute of Geology 2002 : [annual report]

2002 https://www.ester.ee/record=b1631976*est

Institute of Geology 2003 : [annual report]

2004 https://www.ester.ee/record=b1631976*est

Investigating the role of marine redox conditions in an early silurian mass extinction (ireviken event) : a deeper water perspective

Govert, Daniel J.; Young, Seth, A.; **Kaljo, Dimitri**; **Hints, Olle**; **Martma, Tõnu**; Owens, Jeremy D.; Noble, Paula J. *Geological Society of America Abstracts with Programs*, vol. 52, no. 2 2020 / paper no. 32-4 <https://doi.org/10.1130/abs/2020SE-344788>

Kaheksa uut tennuriprofessorit

Sell, Raivo; Pikas, Ergo; **Hints, Olle**; Veski, Siim; Lahtvee, Petri-Jaan; Ottis, Rain; Kiviste, Mihkel; Ross, Peeter Mente et

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

Kollektsioonid - instituudi kullafond

Hints, Linda; Hints, Olle Geoloogia instituudi kuuskümmend viis aastat : loomine ja muutumised, inimesed ja teadus, meenutused ja suundumused 2012 / lk. 81-90 : fot

Laborid ja muu teadusvarustus : [TTÜ Geoloogia Instituudi]

Aaloe, Aasa; Kaljo, Dimitri; Kaup, Enn; Martma, Tõnu; Vassiljev, Jüri; Molodkov, Anatoli; Hints, Olle; Verš, Evelin; Voolma, Margus; Urtson, Kristjan; Männik, Peep; Alliksaar, Tiiu Geoloogia instituudi kuuskümmend viis aastat : loomine ja muutumised, inimesed ja teadus, meenutused ja suundumused 2012 / lk. 65-80 : fot

Late diagenetic evolution of Ordovician limestones in the Baltoscandian basin revealed through trace-element mapping and in situ U–Pb dating of calcite

Hagen-Peter, Graham; Wang, Yue; **Hints, Olle**; Prave, Anthony R.; **Lepland, Aivo** Chemical geology 2021 / art. 120563 <https://doi.org/10.1016/j.chemgeo.2021.120563> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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>

Latest Ordovician age of the Spinachitina fragilis Chitinozoan Biozone in Baltoscandia

Nõlvak, Jaak; Liang, Yan; Hints, Olle Estonian journal of earth sciences 2023 / p. 82-85 : ill <https://doi.org/10.3176/earth.2023.51>

Latest Ordovician to early Silurian integrated bio-and chemostratigraphy in northern Lithuania, central East Baltic

Hints, Olle; Ainsaar, Leho; Lepland, Aivo; Männik, Peep; Meidla, Tõnu; Nõlvak, Jaak; Radzevičius, Sigita Lille 2021 : Ordovician of the World : programme with abstracts 2021 / p. 40-41 <https://docplayer.net/219093593-Programme-with-abstracts-2021-virtual-annual-meeting-of-igcp-virtual-annual-meeting-of-igcp-735.html>

Linking the progressive expansion of reducing conditions to a stepwise mass extinction event in the late Silurian oceans

Bowman, Chelise N.; Young, Seth, A.; **Kaljo, Dimitri; Hints, Olle; Martma, Tõnu** Geology 2019 / p. 968-972 : ill <https://doi.org/10.1130/G46571.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Links between bioerosion and oversized benthic fossils : insights from the Upper Ordovician of Estonia, Baltica

Toom, Ursula; Isakar, Mare; Vinn, Olev; Hints, Olle Lille 2021 : Ordovician of the World : programme with abstracts 2021 / p. 76-77 <https://docplayer.net/219093593-Programme-with-abstracts-2021-virtual-annual-meeting-of-igcp-virtual-annual-meeting-of-igcp-735.html>

Llandovery carbon isotope trend in Estonia - local versus global signatures and correlation

Martma, Tõnu; Hints, Olle; Kaljo, Dimitri Joint European Stable Isotope Users group Meeting : JESIUM 2016 : 4-9 September 2016, Ghent University, Ghent, Belgium : conference programme & book of abstracts 2016 / p. 206 http://www.jesium2016.eu/assets/bookabstracts_jesium2016_3108.pdf

Llandovery carbon isotope trend in Estonia revisited : local versus global signatures and correlation

Hints, Olle; Kaljo, Dimitri; Männik, Peep; Martma, Tõnu; Ostrov, K.; Tonarova, Petra IGCP 591 : The Early to Middle Paleozoic Revolution : Closing Meeting, Ghent University, Belgium, 6-9 July 2016 : abstracts 2016 / p. 46

Llandovery microfossils and microfacies of the Hýskov section, Prague Basin

Tonarova, Petra; Vodrážková, Stanislava; Hints, Olle; Männik, Peep; Kubajko, Michal; Fryda, Jiri Fossil Imprint 2019 / p. 25-43 : ill <https://doi.org/10.2478/if-2019-0002> [Journal metrics at Scopus](#) [Article at Scopus](#)

Loodusteaduslikud kollektsioonid Eestis

Hints, Olle Eesti Loodus 2019 / lk. 12-19 : fot http://www.ester.ee/record=b1072059*est

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 Paleozoic bioerosion trace fossils from Estonia, Baltica

Toom, Ursula; Vinn, Olev; **Hints, Olle** International Geoscience Programme Project 653 - Annual Meeting 2017 : Filling the Gap Between the Cambrian Explosion and the GOBE, 8 October to 12 October, 2017, Yichang, China 2017 / p. 169-170

Lower Silurian biostratigraphy of the Viirelaid core, western Estonia

Rubel, Madis; **Hints, Olle;** Männik, Peep; Meidla, Tõnu; Nestor, Viiu-Kai; Sarv, Lembit; Sibul, Ivo Estonian journal of earth sciences 2007 / 4, p. 193-204 : ill

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"](#)

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>

Microfossil dynamics and biostratigraphy in the Vao Formation (Darriwilian) of NW Estonia

Killing, Mairi; **Hints, Olle;** Nõlvak, Jaak; Vecoli, M.; Viira, Viive The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 35

Microfossil frequency patterns - what do they tell us? : "Stratigraphical, sedimentological and palaeobiological significance of frequency patterns of Early Palaeozoic microfossils. Case studies from the Baltic region", ETF research project 2004-2007

Hints, Olle Estonian Science Foundation 2007 2008 / p. 22 : ill

Mida on andnud kogude riiklik programm?

Hints, Olle Eesti Loodus 2008 / 12, lk. 21 http://eestiloodus.horisont.ee/artikkel2627_2617.html

Middle Devonian jawed polychaete fauna from the type Eifel area, western Germany, and its biogeographical and evolutionary affinities

Tonarova, Petra; **Hints, Olle;** Königshof, Peter; Suttner, Thomas J.; Kido, Erika; Da Silva, Anne-Christine; Pas, Damien Papers in palaeontology 2016 / p. 295-310 : ill <http://dx.doi.org/10.1002/spp2.1041>

Millest kõneleb mikrofossiilide arvukus? : Eesti Teadusfondi projekt "Vara-Paleosoikumi mikrofossiilide kvantitatiivse levikupildi stratigraafiline, sedimentoloogiline ja paleobioloogiline tähendus Balti regiooni näidete varal", 2004-2007

Hints, Olle Eesti Teadusfondi aastaraamat 2007 2008 / lk. 22 : ill

Milline on Eesti loodusteaduslike kogude hetkeolukord?

Hints, Olle Eesti Loodus 2006 / 12, lk. 11

Morphological variation of chitinozoans : a case study from the Upper Ordovician Viola Springs Formation, Arbuckle Mountains, Oklahoma, USA [Online resource]

Liang, Yan; Nõlvak, Jaak; Goldman, Daniel; **Hints, Olle** Trekking Across the GOBE : From the Cambrian through the Katian, June 3-7, 2018 : program & abstracts 2018 / p. 45 <https://igcp653athens2018.files.wordpress.com/2018/05/conference-programabstracts-sm1.pdf>

Morphological variation suggests that chitinozoans may be fossils of individual microorganisms rather than metazoan eggs

Liang, Yan; Bernardo, Joseph; Goldman, Daniel; Nõlvak, Jaak; Tang, Peng; Wang, Wenhui; **Hints, Olle** Proceedings of the Royal Society B: Biological Sciences 2019 / art. 20191270, 8 p. : ill <https://doi.org/10.1098/rspb.2019.1270> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A multi-proxy approach to constrain reducing conditions in the Baltic Basin during the late Silurian Lau carbon isotope excursion

Bowman, Chelise N.; Them II, Theodore R.; Knight, Marisa D.; **Kaljo, Dimitri;** Eriksson, Mats E.; **Hints, Olle;** Martma, Tõnu; Owens, Jeremy D.; Young, Seth, A. Palaeogeography, palaeoclimatology, palaeoecology 2021 / art. 110624 <https://doi.org/10.1016/j.palaeo.2021.110624> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Old Pakri lighthouse also in danger of collapsing into sea

Rudi, Hanneli news.err.ee 2024 [Old Pakri lighthouse also in danger of collapsing into sea](#)

On future directions of Ordovician chitinozoan research

Liang, Yan; **Hints, Olle; Nõlvak, Jaak**; Tang, Peng Estonian journal of earth sciences 2023 / p. 58-61 : ill <https://doi.org/10.3176/earth.2023.34>

Open science

Hints, Olle Estonian research 2016 2017 / p. 50-51 http://www.ester.ee/record=b4638037*est http://www.ester.ee/record=b4638026*est

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

Hints, Olle; Pirrus, Enn-Aavo 2002 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

Ordoviikkikausi Virossa ja Edellä-Suomessa

Nestor, Heldur; Soesoo, Alvar; Linna, Ari; **Hints, Olle**; **Nõlvak, Jaak** 2006 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

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>

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>

Pakri poolsaare vaateplatvorm varises 25 meetri kõrguselt merre

Köss, Annaliisa Postimees 2024 / Lk. 6 <https://dea.digar.ee/article/postimees/2024/01/18/3.14>

Palaeoecology of floian and dapingian (Ordovician) chitinozoans in South China

Liang, Yan; **Hints, Olle**; Luan, Xiacong; Servais, Thomas; **Nõlvak, Jaak**; Tang, Peng; Wu, Rongchang The Fossil Week : Abstract Book : 5th International Palaeontological Congress: IPC5 2018 : Paris, 9th-13th July, 2018 2018 / p. 850 https://ipc5.sciencesconf.org/data/IPC5_Abstract_Book.pdf

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

Liang, Yan; **Hints, Olle**; Servais, Thomas; Luan, Xiacong; **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](#)

Paleoredox changes associated with early silurian extinction events: new geochemical evidence from Baltoscandia

Benayoun, Emily; Young, Seth, A.; **Hints, Olle**; Martma, Tõnu; Owens, Jeremy D. Geological Society of America Abstracts with

Paljandid

Nõlvak, Jaak; Hints, Olle Harjumaa : Paldiski, Pakri poolsaar ja saared 2000 / lk. 15-16

Palynology, microfacies and biostratigraphy across the Daleje Event (Lower Devonian, lower to upper Emsian) : new insights from the offshore facies of the Prague Basin, Czech Republic

Tonarova, Petra; Vodražkova, Stanislava; Ferrova, Lenka; Puente, G. Susana de la; **Hints, Olle**; Fryda, Jiri; Kubajko, Michal
Palaeobiodiversity and palaeoenvironments 2017 / p. 419-438 : ill <https://doi.org/10.1007/s12549-017-0274-3>

Palynomorph optical analyses for thermal maturity assessment of upper ordovician (Katian-Hirnantian) rocks from Southern Estonia

Sorci, Andrea; Cirilli, Simonetta; Clayton, Geoff; Corrado, Sveva; **Hints, Olle**; Goodhue, Robbie; Schito, Andrea; Spina, Amalia
Marine and Petroleum Geology 2020 / art. 104574 <https://doi.org/10.1016/j.marpetgeo.2020.104574> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Publitseerimispoliitika muutustest ja pisut statistikat

Kaljo, Dimitri; Hints, Olle Geoloogia instituudi kuuskümmend viis aastat : loomine ja muutumised, inimesed ja teadus, meenutused ja suundumused 2012 / lk. 105-107 : ill

Rahvusvahelisel geoloogia konverentsil arutletakse kliimamuutuste üle

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

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>

Re-explore the biological affinity of chitinozoans: Evidence from morphological variation and exceptional specimens

Liang, Yan; **Hints, Olle**; Bernardo, Joseph; Goldman, Daniel; **Nõlvak, Jaak**; Tang, Peng; Wang, Wenhui 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. 33 "[Programme](#)"

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](#)

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>

Silurian records of carbon and sulfur cycling from Estonia : The importance of depositional environment on isotopic trends

Richardson, Jocelyn A.; Keating, Colin; **Lepland, Aivo; Hints, Olle** Earth and planetary science letters 2019 / p. 71-82 : ill
<https://doi.org/10.1016/j.epsl.2019.01.055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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
<https://doi.org/10.3176/earth.2020.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Estonian Journal of Earth Sciences turns 70 : editorial

Hints, Olle Estonian journal of earth sciences 2021 / p. 1-2 <https://doi.org/10.3176/earth.2021.06> https://kirj.ee/wp-content/plugins/kirj/pub/earth-1-2021-1-2_20210222103208.pdf

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 : Checny, 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

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 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 Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide

Hints, Olle; Ainsaar, Leho; Männik, Peep; Meidla, Tõnu 2008 https://www.ester.ee/record=b2370001*est

Towards a better understanding of the Palaeozoic world

Hints, Olle Estonian journal of earth sciences 2018 / p. 226-227 : ill <https://doi.org/10.3176/earth.2018.22>

http://www.ester.ee/record=b2246661*est http://www.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2018/issue_4/earth-2018-4-226-227.pdf

TTÜ Geoloogia Instituut

Hints, Olle Teadushuviariduse konverentsi kogumik : 15. november 2013, Tallinn 2013 / lk. 32

Two hundred years of geology education in Estonia

Estonian journal of earth sciences 2020 / p. 175-176 https://kirj.ee/wp-content/plugins/kirj/pub/earth-4-2020-175-176_20201116140304.pdf

http://www.ester.ee/record=b2246661*est

Upper Sandbian and lower Katian $\delta^{13}\text{C}$ chemostratigraphy in northern Baltoscandian basin reveals gaps and spatial heterogeneity in carbon isotope composition

Hints, Olle; Bauert, Heikki; Martma, Tõnu; Bauert, Garmen IGCP 591 : The Early to Middle Paleozoic Revolution : Closing Meeting, Ghent University, Belgium, 6-9 July 2016 : abstracts 2016 / p. 108

Uued inimesed ja positsioonid

Hints, Olle; Janno, Jaan; Uusen, Kaire; Oll, Sulev; Põdersalu, Heiko; Veinthal, Renno; Sooväli-Sepping, Helen; Chiesa, Matteo; Trahov, Tea Mente et Manu 2021 / lk. 42-47 : fot https://www.ester.ee/record=b1242496*est

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

Varises osa Paldiski pankrannikust

Eesti Elu : [Kanada ajaleht] 2024 / lk. 3

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

Ülevaade Eesti loodusteaduslikest kogudest

Hints, Olle; Kõljalg, Urmas Eesti humanitaar- ja loodusteaduslikud kogud : seisund, kasutamine, andmebaasid 2008 / lk. 137-152 : ill

https://artiklid.elnet.ee/record=b1071307*est

X-ray computed tomography of Lower Palaeozoic trace fossils from the carbonate succession of Estonia: preliminary results

Toom, Ursula; **Hints, Olle**; Hints, Rutt; Kuva, Jukka; Vinn, Olev 6th Workshop on Ichnotaxonomy, September 2–8, 2018 SENCKENBERG am Meer, Wilhelmshaven, Germany : programme & abstracts 2018 / p. 23

В Палдиски вдобавок к смотровой площадке может обрушиться и установленный на побережье маяк

Boitsova, Aljona; **Hints, Olle** rus.err.ee 2024 [В Палдиски вдобавок к смотровой площадке может обрушиться и установленный на побережье маяк](#)