

- A CONOP9 quantitative stratigraphic model of Baltic Ordovician and Silurian chitinozoan distribution and K-bentonites Antonovitš, Liina; Nestor, Viuu-Kai; Nõlvak, Jaak; Bauert, Garmen; Hints, Olle; Kiipli, Tarmo *Stratigraphy* 2015 / 91-92
- 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 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>
- 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 <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>
- 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; Antonovitš, Liina; Nestor, Viuu; 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
- Assessing the quality of Baltoscandian chitinozoan biozones using quantitative stratigraphy [Online resource] Hints, Olle; Antonovitš, 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 Antonovitš, Liina; Nestor, Viuu; 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
- Behind the Scenes at the Museum : Geoscience collections at TalTech, Estonia – a journey from “rocks in drawers” to a wellcurated and accessible natural history archive Toom, Ursula; Hints, Olle *The Palaeontological Association Newsletter* 2021 / 4 <https://www.palass.org/publications/newsletter/archive/106/newsletter-no-106>
- 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>

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. 1-10 : <http://dx.doi.org/10.1111/let.12249>

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

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_Abtracts_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. : <https://doi.org/10.1111/iar.12294>

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. : <https://doi.org/10.1016/j.palaeo.2021.110348>

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

Darriwilian (Middle Ordovician) worms of southern Sweden Eriksson, Mats E.; Lindskog, Anders; Servais, Thomas; Hints, Olle; Tonarova, Petra *GFF* 2016 / p. 502-509 : <https://doi.org/10.1080/11035897.2016.1181102>

Discovery of rich Katian-Hirnantian jawed polychaete fauna from the Prague Basin, Czech Republic Tonarova, Petra; Vodražkova, 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

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

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 : <https://doi.org/10.3176/earth.2022.03>

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 : http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abtracts_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 : <https://doi.org/10.1016/j.palaeo.2019.04.002>

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 : <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>

E-maapõue visioonHints, OlleMaapõuevisioon2018 / 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, LehoEesti Geoloogiakeskuse aastaraamat 20012002 / lk. 78-79

Estonian Journal of Earth Sciences2022https://www.ester.ee/record=b2246661*est

Estonian Journal of Earth Sciences2019<http://www.kirj.ee/10396/> https://www.ester.ee/record=b2246661*est

Estonian Journal of Earth Sciences2020<https://kirj.ee/earthsciences/> https://www.ester.ee/record=b2246661*est

Estonian Journal of Earth Sciences2021<https://kirj.ee/earthsciences/> https://www.ester.ee/record=b2246661*est

Excursion A: Ordovician and Silurian bentonites of EstoniaKiipli, Tarmo; Hints, OlleThe Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide2008 / p. 83-92 : ill

Excursion C: Silurian of Saaremaa Island : [20-22 May 2008]Männik, Peep; Hints, Olle; Kaljo, Dimitri; Nestor, Heldur; Märss, Tiiu; Viira, ViiveThe Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide2008 / p. 111-137 : ill

Exotic Devonian palynomorphs from the Sifa-1X well in the Western Desert, EgyptMakled, Walid A.; Hints, Olle; Hosny, Atef M.; Shahat, Wafaa I.; Gentzis, ThomasPalynology2021 / p. 363-380 : ill<https://doi.org/10.1080/01916122.2020.1829726>

15th Meeting of the Association of European Geological Societies "Georesources and public policy : research, management, environment" : 16-20 September 2007, Tallinn, Estonia : abstracts2007https://www.ester.ee/record=b2291667*est

Fossilized reproductive modes reveal a protistan affinity of ChitinozoaLiang, Yan; Hints, Olle; Tang, Peng; Cai, Chenyang; Goldman, Daniel; Nõlvak, Jaak; Tihelka, Erik; Pang, Ke; Bernardo, Joseph; Wang, WenhuiGeology2020 / p. 1200-1204<https://doi.org/10.1130/G47865.1>

Frequency patterns of chitinozoans, scolecodonts, and conodonts in the upper Llandovery and lower Wenlock of the Paatsalu core, western EstoniaHints, Olle; Killing, Mairy; Männik, Peep; Nestor, Viiru-KaiProceedings of the Estonian Academy of Sciences. Geology2006 / 2, p. 128-155 : ill

Geoloogilised andmed ja nende kättesaadavus Eestis : hetkeseis ja tulevikuperspektiividHints, OlleXXII aprillikonverentsi Geoloogialt ühiskonnale teesid2014 / lk. 33-35

Glendonite occurrences in the Tremadocian of Baltica : first Early Palaeozoic evidence of massive ikaite precipitation at temperate latitudesPopov, Leonid E.; Alvaro, J. Javier; Holmer, Lars E.; Bauert, Heikki; Hints, Olle; Männik, Peep13th International Symposium on the Ordovician System : Novosibirsk, Russia (July 19-22, 2019) : contributions2019 / p. 161-162<http://www.igcp653.org/wp-content/uploads/2019/07/SOS13Proceedings.pdf>

Glendonite occurrences in the Tremadocian of Baltica: first Early Palaeozoic evidence of massive ikaite precipitation at temperate latitudesPopov, Leonid E.; Bauert, Heikki; Ghobadi Pour, Mansoureh; Dronov, Andrei V.; Hints, Olle; Männik, Peep; Alvaro, J. JavierScientific reports2019 / art. 7205 ; 10 p.: ill<https://doi.org/10.1038/s41598-019-43707-4>

Hapnikupuudus lõpetas ürgmere elurikkuselmine Teadus2019 / lk. 20 : illhttps://www.ester.ee/record=b2747925*est

Hirnantian (latest Ordovician) bio- and chemostatigraphy of the Stirnas-18 core, western LatviaHints, Linda; Hints, Olle; Kaljo, Dimitri; Kiipli, Tarmo; Männik, Peep; Nõlvak, Jaak; Pärnaste, HeljeEstonian journal of earth sciences2010 / 1, p. 1-24 : ill

Hulterstad brachiopods and associated faunas in the Vormsi Stage (Upper Ordovician, Katian) of the Lelle core, Central EstoniaHints, Linda; Hints, Olle; Nemliher, Reet; Nõlvak, JaakEstonian journal of earth sciences2007 / 3, p. 131-142 : ill

Institute of Geology 2001 : [annual report]Hints, Olle; Soesoo, Alvar; Kukk, Helja-Amanda2002https://www.ester.ee/record=b1631976*est

Institute of Geology 2002 : [annual report]Hints, Olle; Soesoo, Alvar2002https://www.ester.ee/record=b1631976*est

Institute of Geology 2003 : [annual report]Hints, Olle; Soesoo, Alvar2004https://www.ester.ee/record=b1631976*est

Investigating the role of marine redox conditions in an early silurian mass extinction (ireviken event) : a deeper water perspectiveGovert, 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. 22020 / paper no. 32-4 <https://doi.org/10.1130/abs/2020SE-344788>

Kaheksa uut tenuuriprofessorit Sell, Raivo; Pikas, Ergo; Hints, Olle; Veski, Siim; Lahtvee, Petri-Jaan; Ottis, Rain; Kiviste, Mihkel; Ross, Peeter *Mente et Manu* 2021 / lk. 48-51 : portr [Mente et Manu 1/2021 https://www.ester.ee/record=b1242496*est](https://www.ester.ee/record=b1242496*est)

Kaljoprion - a new enigmatic jawed polychaete genus from the Upper Ordovician of Estonia Hints, Olle *Estonian journal of earth sciences* 2008 / 4, p. 256-259 : ill

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>

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>

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>
[Geoloogid: hapnikupuudus hävitas Balti ürgmeres elurikkuse](#)

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; Vodražkova, Stanislava; Hints, Olle; Männik, Peep; Kubajko, Michal; Fryda, Jiri *Fossil Imprint* 2019 / p. 25–43 : ill <https://doi.org/10.2478/ifi-2019-0002>

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>

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 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 Vão Formation (Darriwilian) of NW Estonia Killing, Mairy; 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

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 stratigraafilise, sedimentoloogilise ja paleobioloogilise tähenduse 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>

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>

Ordovician and Silurian trace fossils of Estonia = Ordoviitsiumi ja Siluri ajastu jäljekivistised Eestis Toom, Ursula 2019 <https://digikogu.taltech.ee/ef/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 Bibliogr.: 1 ref

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 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

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>

Palaeoecology of floian and dapingian (Ordovician) chitinozoans in South China Liang, Yan; Hints, Olle; Luan, Xiacong; Servais, Thomas; Nölvak, Jaak; Tang, Peng; Wu, Rongchang *The Fossil Week : Abstract Book : 5th International Palaeontological Congress: IPC5 2018* : Paris, 9th-13th July, 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; Nölvak, Jaak; Tang, Peng; Wu, Rongchang *Lethaia* 2018 / 220-231 p. : [illhttps://doi.org/10.1111/let.12308](https://doi.org/10.1111/let.12308)

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 Programs*, vol. 51, no. 32019 / paper no. 29-2 <http://dx.doi.org/10.1130/abs/2019SE-327066>

Paljandid Nölvak, Jaak; Hints, Olle; Harjuma, 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 : [illhttps://doi.org/10.1007/s12549-017-0274-3](https://doi.org/10.1007/s12549-017-0274-3)

Possible metazoan egg fossils from the Darriwilian (Middle Ordovician) of Baltoscandia Hints, Olle; Nölvak, Jaak; Liang, Yan *Estonian journal of earth sciences* 2021 / p. 240-252 : [illhttps://doi.org/10.3176/earth.2021.16](https://doi.org/10.3176/earth.2021.16)

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

Re-explore the biological affinity of chitinozoans: Evidence from morphological variation and exceptional specimens Liang, Yan; Hints, Olle; Bernardo, Joseph; Goldman, Daniel; Nölvak, 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; Nölvak, Jaak; Xu, Honghe; Chen, Yansen; Hints, Olle *Journal of paleontology* 2022 / p. 46-60 <https://doi.org/10.1017/jpa.2021.79>

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 : [illhttps://doi.org/10.1016/j.epsl.2019.01.055](https://doi.org/10.1016/j.epsl.2019.01.055)

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 : [illhttps://doi.org/10.3176/earth.2020.01](https://doi.org/10.3176/earth.2020.01)

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, B.; Nölvak, 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; Nölvak, Jaak; Ainsa, Leho; Martma, Tõnu *10th Baltic Stratigraphic Conference : Checiny, 12-14 September 2017 : abstracts and field guide* 2017 / p. 13-14 : [illhttp://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 Ordovician and Silurian conodonts of Japan : their biostratigraphical and paleobiogeographical significance Männik, Peep; Hints, Olle; Maekawa, Takumi; Tanaka, Gengolsland *Arc* 2018 / art. e12269, 11 p. : [illhttp://dx.doi.org/10.1111/iar.12269](http://dx.doi.org/10.1111/iar.12269)

The Ordovician System in Estonia Meidla, Tõnu; Ainsa, 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; Ainsa, Leho; Männik, Peep; Meidla, Tõnu 2008

Towards a better understanding of the Palaeozoic world Hints, Olle *Estonian journal of earth sciences* 2018 / p. 226-227 : [illhttps://doi.org/10.3176/earth.2018.22](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 *Teadushuvihariduse 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 I GCP 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 : foto 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

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

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

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