

A summary and revision of the East Baltic Silurian chitinozoan biozonation

Nestor, Viuu-Kai Estonian journal of earth sciences 2012 / p. 242-260 : ill https://artiklid.elnet.ee/record=b2552032*est

A unique Late Silurian Thelodus squamation from Saaremaa (Estonia) and its ontogenetic development

Märss, Tiit Estonian journal of earth sciences 2011 / 3, p. 137-146 : ill https://artiklid.elnet.ee/record=b2424660*est

Age of the silurian lower red beds in South China : stratigraphical evidence from the sanbaiti section

Chen, Zhongyang; **Männik, Peep**; Fan, Junxuan; Wang, Chengyuan; Chen, Qing; Sun, Zongyuan; Chen, Dongyang; Li, Chao Journal of earth science 2021 / p. 524–533 : ill <https://doi.org/10.1007/s12583-020-1350-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Age of the Silurian Wuxiahe Formation in Langao, Northwest China : New conodont data

Chen, Zhong-Yang; **Männik, Peep**; Tang, Peng; Wang, Jian; Ma, Jun-Ye; Luan, Xiao-Cong Palaeoworld 2021 / p. 649-658 : ill <https://doi.org/10.1016/j.palwor.2020.12.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Akadeemik Artur Luha kui Eesti siluri uurija

Nestor, Heldur Teaduse ajaloo lehekülgi Eestist. 9. kogumik, Geoloogia rajajooni Eestis 1993 / lk. 126-138 : portr https://www.ester.ee/record=b1052606*est

Al₂O₃/TiO₂ 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>

Anatomy of the Silurian thelodont Phlebolepis elegans Pander

Wilson, Mark V.H.; **Märss, Tiit** Estonian journal of earth sciences 2012 / p. 261-276 : ill https://artiklid.elnet.ee/record=b2552040*est

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

Aspects of the dolomitization of the Möhküla beds (Silurian, Estonia)

Teedumäe, Aada; Kallaste, Toivo; **Kiipli, Tarmo** Proceedings of the Estonian Academy of Sciences. Geology 2001 / 3, p. 190-205: ill https://artiklid.elnet.ee/record=b1007910*est

Baltic Ordovician and Silurian chitinozoans : a quantitative stratigraphic synthesis

Antonovitš, Liina; **Nestor, Viit**; **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

A bio-chemostratigraphical test of the synchronicity of biozones in the upper Silurian of Estonia and Latvia with some implications for practical stratigraphy

Kaljo, Dimitri; Einasto, Rein; **Martma, Tõnu**; **Märss, Tiit**; **Nestor, Viit-Kai**; **Viira, Viive** Estonian journal of earth sciences 2015 / p. 267-283 : ill https://artiklid.elnet.ee/record=b2750825*est <https://doi.org/10.3176/earth.2015.33> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [article at WOS](#)

Biodiversity of the Silurian osteostracans of the East Baltic

Märss, Tiit; Afanassieva, Olga; Blom, Henning Earth and environmental science transactions of the Royal Society of Edinburgh 2014 / p. 73-148 : ill <https://doi.org/10.1017/S1755691014000218> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Bioerosion of inorganic hard substrates in the Silurian of Estonia (Baltica)

Vinn, Olev; **Toom, Ursula** GFF 2016 / p. 306-310 : ill <https://doi.org/10.1080/11035897.2015.1076513> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biogeography of the Ordovician and Silurian stromatoporoidea

Nestor, Heldur; Webby, Barry Deane Early palaeozoic biogeography and palaeogeography 2013 / p. 67 - 79 <https://doi.org/10.1144/M38.7> <https://www.lyellcollection.org/doi/abs/10.1144/M38.7> [Article collection metrics at Scopus](#) [Article at Scopus](#) [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](#)

Catalogue of Silurian stratigraphic units and stratotypes in Estonia and Latvia

1993 https://www.ester.ee/record=b1064390*est

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

Chemical weathering east and west of the emerging Caledonides in the Silurian – Early Devonian, with implications for climate

Kiipli, Enli; Kiipli, Tarmo; Kallaste, Toivo; Märss, Tiiu Canadian journal of earth sciences 2016 / p. 774-780 : ill <https://doi.org/10.1139/cjes-2015-0156> [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; 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 diversity in the East Baltic Silurian

Nestor, Viuu-Kai Estonian journal of earth sciences 2009 / 4, p. 311-316 : ill https://artiklid.elnet.ee/record=b1944245*est

Chitinozoan diversity in the East Baltic Silurian: First results of a quantitative stratigraphic approach with CONOP

Paluveer, Liina; Nestor, Viuu-Kai; Hints, Olle GFF 2014 / p. 198-202 : ill <https://doi.org/10.1080/11035897.2013.873987> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Comparative study of dolomites of different genesis (Raikküla Formation, Silurian; Estonia)

Teedumäe, Aada; Kallaste, Toivo; **Kiipli, Tarmo** Proceedings of the Estonian Academy of Sciences. Geology 2003 / 2, p. 113-127 : ill

Conodont dating of some Telychian (Silurian) sections in Estonia

Männik, Peep Estonian journal of earth sciences 2008 / 3, p. 156-169 : ill https://artiklid.elnet.ee/record=b2385307*est

Conodonts from the Niur Formation (Silurian) of the Derenjal Mountains, Central Iran

Männik, Peep; Miller, C. Giles; Hairapetian, Vachik Geological Magazine 2013 / p. 639 - 650 <https://doi.org/10.1017/S001675681200088X> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Conodonts in Silurian hypersaline environments : specialized and unexpectedly diverse

Jarochowska, Emilia; **Viira, Viive**; Einasto, Rein; Nawrot, Rafal; Bremer, Oskar; **Männik, Peep**; Munnecke, Axel Geology 2017 / p. 3-6 : ill <https://doi.org/10.1130/G38492.1> [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

Antonovitš, Liina; Nestor, Viuu-Kai; Nõlvak, Jaak; Bauert, Garmen; Hints, Olle; Kiipli, Tarmo Stratigraphy 2015 / p. 91-92

Correlation of Silurian bentonites based on the immobile elements in the East Baltic and Scandinavia

Kiipli, Tarmo; Kallaste, Toivo; Kiipli, Eero; Radzevičius, Sigitas GFF 2013 / p. 152-161 : ill <https://doi.org/10.1080/11035897.2013.783104> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Correlation of Telychian (Silurian) altered volcanic ash beds in Estonia, Sweden and Norway

Kiipli, Tarmo; Männik, Peep; Batchelor, Richard A.; Kiipli, Enli; Kallaste, Toivo; Perens, H. Norwegian journal of geology 2001 / 3, p. 179-193

Correlation of Telychian (Silurian) metabentonites in Estonia

Kiipli, Tarmo; Männik, Peep; Batchelor, Richard A.; Kiipli, Enli; Kallaste, Toivo; Perens, H. The Fourth Baltic Stratigraphical Conference : Problems and Methods of Modern Regional Stratigraphy : A joint BSA and IGCP 406 meeting : Jurmala, Latvia, Sept.-Oct. 1999 : abstracts 1999 / p. 45-46 <https://kirjandus.geoloogia.info/en/reference/14139>

Correlation of upper Llandovery-lower Wenlock bentonites in the När (Gotland, Sweden) and Ventspils (Latvia) drill cores: role of volcanic ash clouds and shelf sea currents in determining areal distribution of bentonite

Kiipli, Tarmo; Kallaste, Toivo; Nestor, Viuu-Kai Estonian journal of earth sciences 2012 / p. 295-306 : ill https://www.researchgate.net/publication/259465427_Correlation_of_upper_Llandovery-

[lower Wenlock bentonites in the Nar, Gotland, Sweden, and Ventspils, Latvia drill cores: Role of volcanic ash clouds and shelf sea currents in determining areal distribution](#)

A demineralized osteostracan fossil from the Silurian Kalana Lagerstätte of Estonia : revealing its internal anatomy and uncovering a unique type of fossilization

Tinn, Oive; Lang, Liisa; **Märss, Tiiu**; Vahur, Signe; Kirsimäe, Kalle Lethaia 2022 / 13 p. : ill <https://doi.org/10.1111/let.12452> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Did stalked echinoderms bioerode calcareous substrates? A possible boring crinoid attachment structure in a stromatoporoid from the early Silurian (Telychian) of Estonia

Vinn, Olev; Ausich, William I.; Wilson, Mark A.; **Toom, Ursula** Paläontologische Zeitschrift PalZ 2023 / p. 37-41
<https://doi.org/10.1007/s12542-022-00637-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Distribution of conichnus and amphorichnus in the lower paleozoic of Estonia (Baltica)

Vinn, Olev; Wilson, Mark A.; **Toom, Ursula** Carnets de Geologie 2015 / p. 269 - 278 <https://doi.org/10.4267/2042/58180> [Journal metrics at Scopus](#) [Article at Scopus](#)

Dolomites of the Muhu Formation (Silurian) in mainland Estonia : aspects of dolomitization, properties, and prospects of utilization

Teedumäe, Aada; **Kiipli, Tarmo**; Kallaste, Toivo Proceedings of the Estonian Academy of Sciences. Geology 1999 / 4, p. 213-227: ill

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 known rugosan-stromatoporoid symbiosis from the Llandovery of Estonia (Baltica)

Vinn, Olev; Wilson, Mark A.; **Toom, Ursula**; **Mõtus, Mari-Ann** Palaeogeography, Palaeoclimatology, Palaeoecology 2015 / p. 1-5
<https://doi.org/10.1016/j.palaeo.2015.04.023> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Earliest styliolinids from the Wenlock of Saaremaa Island (Estonia) : paleoecological and evolutionary implications

Vinn, Olev; Alkahtane, Abdullah A.; Hedeny, Magdy El; Farraj, Saleh Al; **Toom, Ursula** Palaeoworld 2024 / p. 899-904 : ill., map
<https://doi.org/10.1016/j.palwor.2023.09.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Early Silurian climate changes on Baltica and South China – a sedimentological, bio- and chemostratigraphic framework

Lehnert, Oliver; Yan, Guanzhou; Meinhold, Guido; Joachimski, Michael M.; Calner, Mikael; **Männik, Peep**; Fryda, Jiri; Gong, Fangyi; Wu, Rongchang XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 20 https://www.ester.ee/record=b5696260*est
<https://files.geocollections.info/b841fb65-bf67-43b6-9a62-8793a4452002.pdf>

Early Silurian crinoid diversification on Baltica : Euspirocrinus varbolaensis sp. nov

Ausich, William I.; Wilson, Mark A.; Toom, Ursula Estonian journal of earth sciences 2024 / p. 37-44 : ill
<https://doi.org/10.3176/earth.2024.05> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Early symbiotic rugosan endobionts in stromatoporoids from the Rhuddanian of Estonia (Baltica)

Vinn, Olev; **Toom, Ursula** Lethaia 2017 / p. 237-243 : ill <https://doi.org/10.1111/let.12190> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eesti Siluri karbonaatkivimite lõhelisusest

Pirrus, Enn-Aavo Bülletään / Eesti Geoloogia Selts 2002 / lk. 11-26

Eestit tuntakse Siluri kalade ja nende uurija järgi : [intervjuu Tiiu Märssiga]

Märss, Tiiu; Kuk, Toomas Eesti Loodus 2005 / 4, lk. 34-37 : fot https://artiklid.elnet.ee/record=b2346648*est

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](#)

Endobiotic rugosan symbionts in stromatoporoids from the Sheinwoodian (Silurian) of Baltica

Vinn, Olev; **Mõtus, Mari-Ann** PLoS ONE 2014 / art. e90197, 7 p. : ill <https://doi.org/10.1371/journal.pone.0090197> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Endobiotic rugose coral symbionts in Silurian tabulate corals from Estonia (Baltica)

Vinn, Olev; Liang, Kun; **Toom, Ursula** Palaios 2017 / p. 158-165 : ill <https://doi.org/10.2110/palo.2016.084> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Endolymphatic structures in headshields of the osteostracan genus Tremataspis (Agnatha) from the Silurian of Estonia

Märss, Tiiu; Wilson, Mark V.H.; **Viljus, Mart** Estonian journal of earth sciences 2022 / p. 135-156 : ill
<https://doi.org/10.3176/earth.2022.10> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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, Tiiu**; **Viira, Viive** The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 111-137 : ill

A first [delta]18O record from conodont apatite across the Lower Silurian Ireviken Event in Estonia

Lechnert, O.; **Männik, Peep**; Joachimski, Michael M.; Buggisch, W. The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 41

First documentation of Llandovery (Silurian) conodont genus Astropentagnathus in China (Langao, Shaanxi Province) and the age of Baiyaya Formation

Chen, Zhong-Yang; **Männik, Peep**; Wang, Xin; Li, Chao; Wang, Jian Palaeoworld 2020 / p. 662-671
<https://doi.org/10.1016/j.palwor.2019.11.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First record of the early sheinwoodian carbon isotope excursion (ESCIE) from the Barrandian area of northwestern peri-Gondwana

Fryda, Jiri; **Lehnert, Oliver**; Joachimski, Michael Estonian Journal of Earth Sciences 2015 / p. 42 - 46
<https://doi.org/10.3176/earth.2015.08> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

First symbiotic association between hederelloids and rugose corals (latest Silurian of Saaremaa, Estonia)

Vinn, Olev; **Wilson, Mark A.**; Madison, Anna; Kazantseva, Elizaveta; **Toom, Ursula** Palaios 2022 / p. 368-373 : ill., map
<https://doi.org/10.2110/palo.2022.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Globaalsed ookeani veetaseme muutused Siluris - ekstrapolatsioon Läti Priekule läbilõikest ja seosed süsiniku isotooppanomaaliatega

Kiipli, Tarmo Globaalsed muutused 2010 / lk. 40-46 : ill

Hoovused ja settevivimid Ordoviitsiumi ja Vara-Siluri Balti basseinis

Kiipli, Enli; **Kallaste, Toivo**; **Kiipli, Tarmo** Teadusmõte Eestis (VI). Elu- ja maateadused : [artiklikogumik] 2011 / lk. 145-149 : 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> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of the Silurian Ireviken Event on polychaete faunas: New insights from the Viki drill core, western Estonia

Tonarová, Petra; **Hints, Olle**; Eriksson, Mats Erik GFF 2014 / p. 270-274 : ill <https://doi.org/10.1080/11035897.2013.862855> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrated graptolite-conodont biostratigraphy and organic carbon chemostratigraphy of the Llandovery of Kallholn quarry, Dalarna, Sweden

Walasek, Natalia; Loydell, David, K.; **Männik, Peep** Palaeogeography, palaeoclimatology, palaeoecology 2018 / p. 1-16 : ill
<https://doi.org/10.1016/j.palaeo.2018.08.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrated Upper Ordovician-lower Silurian biostratigraphy of the Gröttingbo-1 core section, Sweden

Männik, Peep; Loydell, David Kendrick; **Nestor, Viie**; **Nõlvak, Jaak** GFF 2015 / p. 226 - 244
<https://doi.org/10.1080/11035897.2015.1042032> [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

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>

Japan's earliest ostracods

Siveter, David J.; Tanaka, Gengo; Williams, Mark; **Männik, Peep** Island Arc 2019 / art. e12284 <https://doi.org/10.1111/iar.12284> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Late Silurian tessellated heterostracans from the East Baltic and North Timan

Karatajute-Talimaa, Valentina; **Märss, Tiit** The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 32

Late Silurian-Early Devonian tessellated heterostracan Oniscoplepis Pander, 1856 from the East Baltic and North Timan

Märss, Tiit; Karatajute-Talimaa, Valentina Estonian journal of earth sciences 2009 / 1, p. 43-62 : ill https://artiklid.elnet.ee/record=b1205601*est

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](#)

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/if-2019-0002> [Journal metrics at Scopus](#) [Article at Scopus](#)

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

Lower Silurian biostratigraphy of the Viirelaid core, western Estonia

Rubel, Madis; **Hints, Olle; Männik, Peep**; Meidla, Tõnu; **Nestor, Viit-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"](#)

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](#)

Mid-Llandovery volcanism recorded in the Baltic Basin – correlation of bentonites and tectono-magmatic interpretation of volcanic sources

Kiipli, Tarmo ResearchGate 2021 / 13 p. : ill <https://doi.org/10.13140/RG.2.2.20438.16967>

The Mid-Ludfordian (late Silurian) Glaciation : a link with global changes in ocean chemistry and ecosystem overturns

Fryda, Jiri; Lehnert, Oliver; Joachimski, Michael M.; **Männik, Peep**; Kubajko, Michal; Mergl, Michal; Farkaš, Juraj; Frydova, Barbora Earth-Science Reviews 2021 / art. 103652 <https://doi.org/10.1016/j.earscirev.2021.103652> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Kiipli, Enli 2005 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

Morphological variation of the tabulate coral *Paleofavosites cf. collatus* Klaamann, 1961 from the Silurian of the Bagovichka River localities, Podolia (Ukraine)

Mõtus, Mari-Ann; Grytsenko, Volodymyr Estonian journal of earth sciences 2007 / 3, p. 143-156 : ill

Multiphase Silurian bentonites from western Estonia: possible diagenetic pathways

Hints, Rutt; Kirsimäe, Kalle; Somelar, P.; **Kallaste, Toivo; Kiipli, Tarmo** The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 25

Multiply remagnetized Silurian carbonate sequence in Estonia

Preeden, Ulla; Plado, Jüri; Mertanen, Satu; **Puura, Väino** Estonian journal of earth sciences 2008 / 3, p. 170-180 : ill
https://artiklid.elnet.ee/record=b2385308*est

Neotypes for some upper Silurian acanthodian taxa from the Baltic Sea Region and the Welsh Borderland

Burrow, Carole J.; **Märss, Tiit** Estonian journal of earth sciences 2022 / p. 17-24 <https://doi.org/10.3176/earth.2022.02> [Journal metrics](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New conodont $\delta^{18}\text{O}$ records of Silurian climate change : implications for environmental and biological events

Trotter, Julie A.; Williams, Ian S.; Barnes, Christopher R.; **Männik, Peep;** Simpson, Andrew Palaeogeography, palaeoclimatology, palaeoecology 2016 / p. 34-48 : ill <https://doi.org/10.1016/j.palaeo.2015.11.011> [Journal metrics](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New cornulitid from the Ohesaare Formation (late Pridoli) of Saaremaa, Estonia

Vinn, Olev; Toom, Ursula Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2020 / p. 67-73
<https://doi.org/10.1127/njgpa/2020/0934> [Journal metrics](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New correlations of Telychian (Silurian) bentonites in Estonia

Kallaste, Toivo; Kiipli, Tarmo Proceedings of the Estonian Academy of Sciences. Geology 2006 / 3, p. 241-251 : ill

New crinoids from the Baltic region (Estonia): fossil tip-dating phylogenetics constrains the origin and Ordovician–Silurian diversification of the Flexibilia (Echinodermata)

Wright, David F.; **Toom, Ursula** Palaeontology 2017 / p. 893-910 : ill <https://doi.org/10.1111/pala.12324> [Journal metrics](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New data on the exoskeleton of the osteostracan genus *Aestiaspis* (Agnatha) from the Silurian of Saaremaa Island (Estonia) and the Severnaya Zemlya Archipelago (Russia)

Afanasieva, Olga; **Märss, Tiit** Paleontological Journal 2014 / p. 74-78 : ill <https://doi.org/10.1134/S003103011401002X> [Journal metrics](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New data on the problematic mollusc *Jinonicella* from the early Silurian of east Siberia

Gubanov, Alexander P.; Ebbestad, Jan Ove R.; **Männik, Peep;** Bogolepova, Olga GFF 2020 / p. 147-153 : ill
<https://doi.org/10.1080/11035897.2019.1708451> [Journal metrics](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New data on the stratigraphy of the Ordovician and Silurian of the central region of Kotelný Island (New Siberian Islands) and correlation with the synchronous successions of the Eastern Arctic

Danukalova, Maria K.; Tolmacheva, Tat'yana Yu; **Männik, Peep;** Kul'kov, N. P.; Kuzmichev, Alexander B.; Melnikova, Lyudmila M. Stratigraphy and Geological Correlation 2015 / p. 468 - 494 <https://doi.org/10.1134/S0869593815050032> [Journal metrics](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new early silurian prioniodontid conodont with three P elements from Iran and associated species

Männik, Peep; Miller, C. Giles; Hairapetian, Vachik Acta Palaeontologica Polonica 2015 / p. 733 - 746
<https://doi.org/10.4202/app.00003.2013> [Journal metrics](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New encrusting tentaculitoids from the Silurian of Estonia and taxonomic status of *Anticalyptrea* Quenstedt, 1867

Zaton, Michal; Vinn, Olev; **Toom, Ursula;** Slowinski, Jakub GFF 2022 / p. 111-117 : ill., map
<https://doi.org/10.1080/11035897.2022.2042378> [Journal metrics](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A new microconchid species from the Silurian of Baltica

Zaton, Michal; Vinn, Olev; **Toom, Ursula** Estonian journal of earth sciences 2016 / p. 115-123 : ill <https://doi.org/10.3176/earth.2016.09>
https://artiklid.elnet.ee/record=b2778953*est [Journal metrics](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Kiipli, Enli; Kiipli, Tarmo Oil shale 2013 / p. 60-75 : ill https://artiklid.elnet.ee/record=b2604253*est <https://doi.org/10.3176/oil.2013.1.06>

[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 polychaete diversity and biogeography

Eriksson, Mats E.; **Hints, Olle**; Paxton, Hannelore; Tonarova, Petra Early Palaeozoic Biogeography and Palaeogeography 2013 / p. 265 - 272 <https://www.lyellcollection.org/doi/abs/10.1144/M38.18> <https://doi.org/10.1144/M38.18> [Article collection metrics at Scopus](#) [Article at Scopus](#) [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-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

Organic carbon isotope and conodont bio-chemostratigraphy of the base telychian (silurian) global boundary stratotype section and point (gssp), Cefn Cerig, Wales

McAdams, Neo; Cramer, Bradley; Davies, Jeremy R.; **Männik, Peep**; Bancroft, Alyssa M. Geological Society of America Abstracts with Programs, vol 53, no. 6 2021 / paper no. 177-6 <https://doi.org/10.1130/abs/2021AM-370197>

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](#)"

Palaeoecology of corals and stromatoporoids in a late Silurian biostrome in Estonia

Kershaw, Steve; **Mõtus, Mari-Ann** Acta palaeontologica polonica 2016 / p. 33-50 : ill <https://doi.org/10.4202/app.00094.2014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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](#)

Palaeoenvironmental signatures revealed from rare earth element (REE) compositions of vertebrate microremains of the Vesiku Bone Bed (Homerian, Wenlock), Saaremaa Island, Estonia

Fadel, Alexandre; Žigaitė, Živilė; Blom, Henning; Pérez-Huerta, Alberto; Jeffries, Teresa; **Märss, Tiit**; Ahlberga, Per Erik Estonian Journal of Earth Sciences 2015 / p. 36 - 41 <https://doi.org/10.3176/earth.2015.07> [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 Programs, vol. 51, no. 3 2019 / paper no. 29-2 <http://dx.doi.org/10.1130/abs/2019SE-327066>

Přídolí carbon isotope trend and upper Silurian to lowermost Devonian chemostratigraphy based on sections in Podolia (Ukraine) and the East Baltic area

Kaljo, Dimitri; **Martma, Tõnu**; Grytsenko, Volodymyr; Brazauskas, Antanas; Kaminskas, Donatas Estonian journal of earth sciences 2012 / p. 162-180 : ill https://artiklid.elnet.ee/record=b2533830*est

Pyroclastic sanidine in the lower palaeozoic bentonites - a tool for regional geological correlations = Püroklastiline sanidiin alam-paleosoikumi bentoniitides - regionaalstratigraafia uus töövahend

Kallaste, Toivo 2014 https://www.ester.ee/record=b3064982*est

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://doi.org/10.1127/njgpa/2016/0570> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Rare metals in volcanic ash beds in Silurian sedimentary sections of Estonia, Ukraine and Moldova - application for correlations between regions

Kiipli, Tarmo; Tsegelnjuk, Petro Rare metals in Ukraine - view to the future : conference materials : June 18.-22. 2001 : Kyev, Inst. Geol. Acad. Sci. Ukraine 2001 / p. 59-61

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

Reflection of the Mulde Event in the chitinozoan succession of the East Baltic

Nestor, Viik-Kai The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 49

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

Revised conodont stratigraphy of the Cellon section (Silurian, Carnic Alps)

Corradini, Carlo; Corrigan, Maria G.; **Männik, Peep;** Schönlaub, Hans Peter Lethaia 2015 / p. 56-71 <https://doi.org/10.1111/let.12087>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Revision of Silurian vertebrate biozones and their correlation with the conodont succession

Märss, Tiit; **Männik, Peep** Estonian journal of earth sciences 2013 / p. 181-204 : ill https://artiklid.elnet.ee/record=b2651564*est
<https://doi.org/10.3176/earth.2013.15> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Revision of thelodonts, acanthodians, conodonts, and the depositional environments in the Burgen outlier (Ludlow, Silurian) of Gotland, Sweden

Jarochovska, Emilia; Bremer, Oskar; Yu, Alexandra; **Märss, Tiit;** Blom, Henning; Mörs, Thomas; Vajda, Vivi GFF 2021 / p. 168-189 : ill <https://doi.org/10.1080/11035897.2021.1907441> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Vinn, Olev; **Toom, Ursula** Palaios 2016 / p. 35-40 : ill <https://doi.org/10.2110/palo.2015.051> [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>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Silur Eestis

Nestor, Heldur; Soesoo, Alvar 2006 https://www.ester.ee/record=b2183984*est

Siluri selgroogsed - ühe rühma arengulugu

Märss, Tiit Teadusmõtte Eestis (VI). Elu- ja maateadused : [artiklikogumik] 2011 / lk. 117-124 : ill

Silurian bentonites in Lithuania : correlations based on sanidine phenocryst composition and graptolite biozonation - interpretation of volcanic source regions

Kiipli, Tarmo; Radzevičius, Sigitas; **Kallaste, Toivo** Estonian journal of earth sciences 2014 / p. 18-29 : ill https://artiklid.elnet.ee/record=b2663120*est <https://doi.org/10.3176/earth.2014.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Silurian conodont biostratigraphy of the Laojianshan section, Baoshan, Yunnan Province, SW China

Chen, Zhongyang; **Männik, Peep;** Wang, Chengyuan; Fang, Xiang; Chen, Tingting; Ma, Xuan; Zhang, Yuandong Geological journal 2020 / p. 6427-6441 <https://doi.org/10.1002/gj.3813> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Silurian conodont diversity : beyond the abiotic paradigm [Electronic resource]

Jarochovska, Emilia; Nawrot, Rafał; **Männik, Peep** Fourth International Conodont Symposium ICOS IV : "Progress on Conodont Investigation" : jointly with The International Subcommission on Devonian Stratigraphy SDS, The International Subcommission on Silurian Stratigraphy ISSS 2017 / p. 319-320. [CD-ROM]
<http://www.igme.es/museo/publicaciones/CUADERNOS%20DEL%20MUSEO%20GEOMINERO%20NUM%2022.pdf>

Silurian cyathaspidid heterostracans of Northern Eurasia

Märss, Tiit Estonian journal of earth sciences 2019 / p. 113-146 : ill <https://doi.org/10.3176/earth.2019.11>
https://www.ester.ee/record=b2246661*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Silurian cyathaspidid heterostracans of the Baltica and Kara terranes

Märss, Tiit 14th International Symposium on Early and Lower Vertebrates : Checiny, Poland, 3-8.07.2017 : conference abstracts and field-trip guidebook 2017 / p. 59

Silurian (Llandovery-Wenlock) tabulate corals of Baltoscandia: taxonomy, palaeoecology, distribution
Mõtus, Mari-Ann 2005

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](#)

Silurian stratigraphy in Estonia : Recent developments and challenges

Männik, Peep; Meidla, Tõnu; **Hints, Olle** XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 25
https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/5ed8b9aa-c29c-43b4-8f3a-3e5495c9d277.pdf>

Silurian stratigraphy of Central Iran - an update

Hairapetian, Vachik; Ghobadi Pour, Mansoureh; Popov, Leonid E.; **Männik, Peep**; Miller, C. Giles Acta Geologica Polonica 2017 / p. 201-233 : ill <https://doi.org/10.1515/agg-2017-0014> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Silurian vertebrate remains from the Oslo Region, Norway, and their implications for regional biostratigraphy

Bremer, Oskar; Turner, Susan; **Märss, Tiiu**; Blom, Henning Norwegian Journal of Geology 2019 / p. 129 - 155 : ill
<https://doi.org/10.17850/njg99-1-07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Silurian volcanism recorded in sedimentary sections at the southwestern margin of the East European Platform : geochemical correlation and tectono-magmatic interpretation

Kiipli, Tarmo Geological quarterly 2021 / p. 1-8 <https://gq.pgi.gov.pl/article/view/29012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Siluurikausi Virossa

Nestor, Heldur; **Soesoo, Alvar** 2006 https://www.ester.ee/record=b2190594*est

Site-selective parasitic embedment structures on middle silurian crinoid column material from Western Estonia

Thomka, James; **Vinn, Olev**; **Toom, Ursula** Geological Society of America Abstracts with Programs, vol 53, no. 6 2021 / paper no. 94-3 <https://doi.org/10.1130/abs/2021AM-371144>

Site-selectivity of symbiotic (parasitic?) pits in crinoid column material from the middle Silurian (Wenlock: Sheinwoodian) of western Estonia

Thomka, James R.; Vinn, Olev; **Toom, Ursula** Ichnos : an international journal for plant and animal traces 2022 / p. 71-75 : ill
<https://doi.org/10.1080/10420940.2022.2047038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A sparsely encrusted hardground with abundant Trypanites borings from the Llandovery of the Velise River, western Estonia (Baltica)

Vinn, Olev; **Toom, Ursula** Estonian journal of earth sciences 2016 / p. 19-26 : ill https://artiklid.elnet.ee/record=b2760752*est
<https://doi.org/10.3176/earth.2016.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Species-specific morphology of the endolymphatic openings in the headshields of the osteostracan genus Tremataspis (Agnatha), from the Silurian of Estonia

Märss, Tiiu; Wilson, Mark V.H.; **Viljus, Mart** 16th International Symposium on Early and Lower Vertebrates - Honoring Tiiu Märss & Philippe Janvier : Conference programme and abstracts : Valencia, Spain, 2022 2022 / p. 6 http://iselv.uv.es/wp-content/uploads/2022/06/Abstract-Book-16ISELV_web.pdf

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

Stratigraphic correlation of the Baltic Silurian sections by implementing CONOP software

Rubel, Madis; Sibul, I.; **Nestor, Viik-Kai** The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 60

Stromatoporoid-coral/tubeworm intergrowths in the lowermost Silurian Varbola Formation of Estonia: first evidence of competitive interaction

Jeon, Juwan; Vinn, Olev; Liang, Kun; Zapalski, M. K.; **Toom, Ursula**; Kershaw, Stephen Lethaia 2022 / p. 1-13 : ill
<https://doi.org/10.18261/let.55.2.4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Stromatoporoids of the upper Hirnantian (Upper Ordovician) Shiqian Formation of South China: implications for environmental interpretation and the Ordovician–Silurian stromatoporoid transition

Jeon, Juwan; Kershaw, Stephen; Li, Yue; Chen, Zhong-Yang; **Toom, Ursula**; Yu, Shen-Yang; Zhang, Yuan-Dong Journal of systematic palaeontology 2024 / art. 2351930, 33 p. ill <https://doi.org/10.1080/14772019.2024.2351930> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Symbiosis of cornulitids with the cystoporate bryozoan *Fistulipora* in the Pridoli of Saaremaa, Estonia

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Lethaia 2021 / p. 90-95 : ill <https://doi.org/10.1111/let.12385> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Symbiosis of rugose corals with the cystoporate bryozoan *fistulipora przhidolensis* in the pridoli (Latest Silurian) of Saaremaa, Estonia

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Palaios 2020 / p. 237 - 244 <https://doi.org/10.2110/PALO.2020.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Symbiotic endobiont biofacies in the Silurian of Baltica

Vinn, Olev; Wilson, Mark A.; **Mõtus, Mari-Ann** Palaeogeography, palaeoclimatology, palaeoecology 2014 / p. 24-29 : ill <https://doi.org/10.1016/j.palaeo.2014.03.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Symbiotic worm endobionts in a stromatoporoid from the rhuddanian (Early Silurian) of Hiiumaa, Estonia

Vinn, Olev; Wilson, Mark A.; **Mõtus, Mari-Ann** Palaios 2013 / p. 863 - 866 <https://www.jstor.org/stable/43683759?seq=3> <https://doi.org/10.2110/palo.2013.078> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Symbiotic worms in biostromal stromatoporoids from the Ludfordian (Late Silurian) of Saaremaa, Estonia

Vinn, Olev; **Mõtus, Mari-Ann** GFF 2014 / p. 503-506 : ill <https://doi.org/10.1080/11035897.2014.896412> [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 lapetus 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>

Tentaculitids from the silurian of Estonia

Vinn, Olev; Alkahtane, Abdullah A.; El Hedeny, Magdy M.; Farraj, Saleh Al; Isakar, Mare; **Toom, Ursula** Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2023 / p. 161-168 <https://doi.org/10.1127/njgpa/2023/1157> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The developmental relationship between teeth and dermal odontodes in the most primitive bony fish *Lophosteus*

Chen, Donglei; Blom, Henning; Sanchez, Sophie; Tafforeau, Paul; **Märss, Tiiu**; Ahlberg, Per E. eLife 2020 / art. e60985, 20 p. : ill <https://doi.org/10.7554/eLife.60985.sa2>

The earliest osteostracan *Kalanaspis delectabilis* gen. et sp. nov. from the mid-Aeronian (mid-Llandovery, lower Silurian) of Estonia

Tinn, Oive; **Märss, Tiiu** Journal of vertebrate paleontology 2018 / art. e1425212, 8 p. : ill <https://doi.org/10.1080/02724634.2017.1425212> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The emergence of a complex pore-canal system in the dermal skeleton of *Tremataspis* (Osteostraci)

Bremer, Oskar; Qu, Qingming; Sanchez, Sophie; **Märss, Tiiu**; Fernandez, Vincent; Blom, Henning Journal of Morphology 2021 / p. 1141-1157 <https://doi.org/10.1002/jmor.21359> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The first continuous $\delta^{13}\text{C}$ record across the Late Silurian Lau Event on Gotland, Sweden

Younes, Hani; Calner, Mikael; **Lehnert, Oliver** GFF 2017 / p. 63-69 : ill <https://doi.org/10.1080/11035897.2016.1227362> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The interrelationships and evolutionary history of anaspids

Blom, Henning; **Märss, Tiiu** Morphology, phylogeny and paleobiogeography of fossil fishes 2010 / p. 45-56 : ill <https://kirjandus.geoloogia.info/reference/1577>

The Llandovery-Wenlock boundary interval in west-central continental Estonia : an example from the Suigu (S-3) core section

Männik, Peep; Põldvere, Anne; **Nestor, Viuu-Kai**; Kallaste, Toivo; Kiipli, Tarmo; **Martma, Tõnu** Estonian journal of earth sciences 2014 / p. 1-17 : ill https://artiklid.elnet.ee/record=b2663118*est <https://doi.org/10.3176/earth.2014.01> [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 problematic mollusc *Jinonicella* from the Silurian of North America

Gubanov, Alexander P.; Ebbestad, Jan Ove R.; **Männik, Peep** GFF 2017 / p. 216-218 : ill <https://doi.org/10.1080/11035897.2017.1291539> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The record of early Silurian climate changes from South China and Baltica based on integrated conodont biostratigraphy and isotope chemostratigraphy

Yan, Guanzhou; Lehnert, Oliver; **Männik, Peep**; Calner, Mikael; Luan, Xiacong; Gong, Fang-Yi; Li, Lixia; Wei, Xin; Wang, Guang-Xu; Zhan, Renbin; Wua, Rongchang Palaeogeography, palaeoclimatology, palaeoecology 2022 / art. 111245, 16 p. : ill

<https://doi.org/10.1016/j.palaeo.2022.111245> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Silurian system in Estonia

Männik, Peep; Meidla, Tõnu; **Hints, Olle** XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 60-64 : ill

https://www.ester.ee/record=b5696260*est <https://kirjandus.geoloogija.info/en/reference/49701>

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://doi.org/10.3176/earth.2015.34> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The worm endosymbionts in tabulate corals from the Silurian of Podolia, Ukraine

Mõtus, Mari-Ann; Vinn, Olev Estonian journal of earth sciences 2009 / 3, p. 185-192 : ill https://artiklid.elnet.ee/record=b1490293*est

Thelodont Oeselia mosaica gen. et sp. nov. from the Wenlock and Ludlow of the East Baltic

Märss, Tiit Proceedings of the Estonian Academy of Sciences. Geology 2005 / 3, p. 181-190 : ill

https://artiklid.elnet.ee/record=b2348695*est

Thelodonts (Agnatha) from the basal beds of the Kuressaare Stage, Ludlow, Upper Silurian of Estonia

Märss, Tiit Proceedings of the Estonian Academy of Sciences. Geology 2006 / 1, p. 43-66 : ill

Three global carbon isotope shifts in the Silurian of Podolia (Ukraine) : stratigraphical implications

Kaljo, Dimitri; Grytsenko, Volodymyr; **Martma, Tõnu**; **Mõtus, Mari-Ann** Estonian journal of earth sciences 2007 / 4, p. 205-220 : ill

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

Trace fossils from the Ordovician-Silurian boundary beds of Estonia (Baltica)

Moghalu, Ogechukwu Ann; **Hints, Olle**; **Toom, Ursula** XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 28

https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/0c8086e6-7421-467a-b0c2-2f9964fd0bb5.pdf>

Tremichnus in crinoid pluricolumnals from the Silurian of western Estonia (Baltica)

Vinn, Olev; Wilson, Mark A.; Ausich, William I.; **Toom, Ursula** Carnets de Geologie 2015 / p. 239 - 243

<https://doi.org/10.4267/2042/57951> [Journal metrics at Scopus](#) [Article at Scopus](#)

Two almost-forgotten Trypanites ichnospecies names for the most common Palaeozoic macroboring

Knaust, Dirk; Dronov, Andrei V.; Toom, Ursula Papers in palaeontology 2023 / art. e1491, 17 p. : ill <https://doi.org/10.1002/spp2.1491>

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

Upper Silurian stratigraphy of Podolia revisited: Carbon isotopes, bentonites and biostratigraphy

Kaljo, Dimitri; Grytsenko, Volodymyr; **Kallaste, Toivo**; **Kiipli, Tarmo**; **Martma, Tõnu** GFF 2014 / p. 136-141 : ill

<https://doi.org/10.1080/11035897.2013.862850> [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

Vertebrate remains and conodonts in the upper Silurian Hamra and Sundre formations of Gotland, Sweden

Bremer, Oskar; Jarochowska, Emilia; **Märss, Tiit** GFF 2020 / p. 52-80 : ill <https://doi.org/10.1080/11035897.2019.1655790>

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

Volcanic interbeds in the Silurian of the southwestern part of the East European Platform

Kiipli, Tarmo; Tsegelnjuk, Petro D.; **Kallaste, Toivo** Proceedings of the Estonian Academy of Sciences. Geology 2000 / 3, p. 163-

176 : ill https://artiklid.elnet.ee/record=b1004802*est

Volcanic record in late Telychian (Silurian) section of the Baltic Basin : search of sources in Scandinavian Caledonides and modeling of ash clouds

Kiipli, Tarmo ResearchGate 2022 / 13 p. : ill., map <https://doi.org/10.13140/rg.2.2.33690.93120>

$\delta^{13}\text{C}$ 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://doi.org/10.3176/earth.2014.18> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Возраст горизонтов нижнего силура Европейского северо-востока России

Beznoosova, T. M.; Lukin, V. Yu.; Männik, Peep Вестник Института геологии Коми научного центра Уральского отделения РАН 2016 / с. 10-14 : ил <https://doi.org/10.19110/2221-1381-2016-11-10-14>

Следы вулканизма в разрезе силура Эстонии : корреляция слоев, реконструкция исходной магмы и расположения палеовулканов

Kiipli, Tarmo; Kallaste, Toivo Палеовулканология, вулканогенно-осадочный литогенез, гидротермальный метаморфизм и рудообразование докембрия : материалы Первого Всероссийского палеовулканологического симпозиума : 20-25 августа 2001 года, Петрозаводск 2001 / с. 76-77

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

Hector, Heldur 1964 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