

A first $\delta^{18}\text{O}$ 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

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

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

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](#)

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 Mõhküla 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

Antonovits, 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

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, Viuu-Kai; Viira, Viive Estonian journal of earth sciences 2015 / p. 267-283 : ill https://artiklid.elnet.ee/record=b2750825*est

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>

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>

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>

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

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 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>

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

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 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_När_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 2023 / p. 37-41
<https://doi.org/10.1007/s12542-022-00637-3>

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

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 <http://dx.doi.org/10.1111/let.12190>

Eesti Siluri karbonaatkivimite lõhelisusest

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

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 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>

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

First documentation of Llandovery (Silurian) conodont genus Astropentagnostus 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 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 isotoopnomaaliatega

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

Hoovused ja sette kivimid 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>

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](#)

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>

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

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](#)

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* Klamann, 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 at Scopus](#) [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>

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

New encrusting tentaculitoids from the Silurian of Estonia and taxonomic status of *Anticalyptraea* 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 at Scopus](#) [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>

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

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

Ordovician and lowermost Silurian carbon isotopes

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

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

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

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

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

Ordovician-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](https://www.ester.ee/record=b2533830*est)"

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 <http://dx.doi.org/10.4202/app.00094.2014>

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 Programs, vol. 51, no. 3 2019 / paper no. 29-2 <http://dx.doi.org/10.1130/abs/2019SE-327066>

Přidolí 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 sandiini alam-paleosoikumide 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://dx.doi.org/10.1127/njgpa/2016/0570>

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

Kiipli, Tarmo; Tsegelnyuk, 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, Viuu-Kai The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 49

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

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

Jarochovska, Emilia; Bremer, Oskar; Yiu, 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 <http://dx.doi.org/10.2110/palo.2015.051>

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>

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

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

Chen, Zhongyang; **Männik, Peep**; Wang, Chengyuan; Fang, Xiang; Chen, Ting; 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]

Jarochowska, Emilia; Nawrot, Rafal; **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 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/agp-2017-0014>

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

Bremer, Oskar; Turner, Susan; **Märss, Tiit**; 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](#)

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

Märss, Tiit; Wilson, Mark V.H.; **Viljus, Mart** 16th International Symposium on Early and Lower Vertebrates - Honoring Tiit 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 :

Stratigraphic correlation of the Baltic Silurian sections by implementing CONOP software

Rubel, Madis; Sibul, I.; **Nestor, Viuu-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](#)

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/PAL0.2020.019> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

Chen, Donglei; Blom, Henning; Sanchez, Sophie; Tafforeau, Paul; **Märss, Tiit**; 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, Tiit** 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, Tiit**; 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>

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

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>

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, Xiaocong; Gong, Fang-Yi; Li, Lixia; Wei, Xin; Wang, Guang-Xu; Zhan, Renbin; Wu, 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 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

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>

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; Jarochovska, 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/rq.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

Возраст горизонтов нижнего силура Европейского северо-востока России
Beznosova, T. M.; Lukin, V. Yu.; Männik, Peep Вестник Института геологии Коми научного центра Уральского отделения РАН 2016 / с. 10-14 : ил <http://dx.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