

A new chitinozoan species from the Middle Ordovician of Estonia

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

A new chitinozoan species from the Upper Ordovician of the East Baltic

Nõlvak, Jaak Estonian journal of earth sciences 2007 / 1, p. 63-64 : ill

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

Liang, Yan; Wang, Guang-Xu; Servais, Thomas; Wu, Rong-Chang; Nõlvak, Jaak; Hints, Olle; Weif, Xin; Gong, Fang-Yi

Palaeoworld 2020 / p. 66-74 : ill <https://doi.org/10.1016/j.palwor.2019.05.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Hints, Olle; Nõlvak, Jaak; Viira, Viive Oil shale 2007 / 4, p. 527-533 : ill https://artiklid.elnet.ee/record=b2376556*est

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

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

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

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

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

Biostratigraphic (graptolites, chitinozoans, acritarchs, brachiopods) and chemostratigraphic (delta13C) correlations between latest Ordovician strata in Laurentia and Baltica

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

Boundary between the Porkuni and Juuru regional stages in the Neitla section, Estonia

Männik, Peep; Nõlvak, Jaak Estonian journal of earth sciences 2023 / p. 66-69 : ill <https://doi.org/10.3176/earth.2023.52> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A brief overview of the history and geology of Tallinn

Nõlvak, Jaak 15th Meeting of the Association of European Geological Societies "Georesources and public policy : research, management, environment" : 16-20 September 2007, Tallinn, Estonia : excursion guidebook 2007 / p. 5-9 : ill., map https://www.ester.ee/record=b2291671*est

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

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

Chitinozoan biostratigraphy in the Haljala Regional Stage, Upper Ordovician: A high-resolution approach from NE Estonia

Bauert, Garmen; Nõlvak, Jaak; Bauert, Heikki GFF 2014 / p. 26-29 : ill <https://doi.org/10.1080/11035897.2013.857715> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Chitinozoan biostratigraphy in the Ordovician of Baltoscandia

Nõlvak, Jaak 2002 http://www.ester.ee/record=b1035650*est

Chitinozoan biostratigraphy of the Upper Ordovician D. clingani and P. linearis graptolite biozones on the Island of Bornholm, Denmark

Vandenbroucke, Thijs R. A.; Recourt, Philippe; Nõlvak, Jaak; Nielsen, Arne T. Stratigraphy 2013 / p. 281-301 : ill <https://biblio.ugent.be/publication/5645860>

Chitinozoan dynamics and biostratigraphy in the Vao Formation (Darriwilian) of the Uuga Cliff, Pakri Peninsula, NW Estonia

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

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

Hints, Olle; Bauert, Garmen; Grigorjeva, Irina; Nõlvak, Jaak; Meidla, Tõnu; Perrier, Vincent 10th Baltic Stratigraphic Conference : Checiny, 12-14 September 2017 : abstracts and field guide 2017 / p. 34-35
http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abstracts_and_Field_Guide.pdf

Chitinozoan study : review and prospect

Liang, Y.; Tang, P.; **Hints, Olle; Nõlvak, Jaak;** Zhang L.; Chen, Y. Acta Palaeontologica Sinica 2023 / p. 436-450
<https://doi.org/10.19800/j.cnki.aps.2023003>

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

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

Clarifying Haljala Stage in Estonia

Paiste, Tõnn; **Meidla, Tõnu; Männik, Peep;** Nõlvak, Jaak 13th International Symposium on the Ordovician System, July 19-22, 2019 2019 / p. 149–150 <http://www.igcp653.org/wp-content/uploads/2019/07/ISOS13Proceedings.pdf>

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

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

A CONOP9 quantitative stratigraphic model of Baltic Ordovician and Silurian chitinozoan distribution and K-bentonites

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

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

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

Darriwilian (Middle Ordovician) conodont biostratigraphy in NW Estonia

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

[$\delta^{13}\text{C}$] record of the Upper Ordovician succession of the Borenshult-1 core (Motala, Sweden) and its intracontinental correlation

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

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

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

Distribution of Ordovician chitinozoans

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

Distribution of Ordovician chitinozoans

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

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

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

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

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

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

Nõlvak, Jaak; Liang, Yan; Hints, Olle Palaeogeography, palaeoclimatology, palaeoecology 2019 / p. 14-24 : ill
<https://doi.org/10.1016/j.palaeo.2019.04.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Eesti Vabariik : maa. Rahvas. Kultuur : TEA entsüklopeedia eriväljaanne

Arold, Ivar; **Gerndorf, Kostel; Nõlvak, Jaak; Orru, Mall** 2017 http://www.ester.ee/record=b4648167*est

Eesti Vabariik : maa. Rahvas. Kultuur : TEA entsüklopeedia eriväljaanne

Arold, Ivar; Gerndorf, Kostel; Nõlvak, Jaak; Orru, Mall 2013 https://www.ester.ee/record=b2932447*est

Eesti Vabariik : maa. Rahvas. Kultuur : TEA entsüklopeedia eriväljaanne

Arold, Ivar; Gerndorf, Kostel; Nõlvak, Jaak; Orru, Mall 2014 https://www.ester.ee/record=b3059509*est

Eesti Vabariik 100 : TEA entsüklopeedia eriväljaanne

Alatalu, Riin; Engelbrecht, Jüri; Gerndorf, Kostel; Hamburg, Arvi; Lumiste, Rünno; Nõlvak, Jaak; Orru, Mall 2017
http://www.ester.ee/record=b4748911*est

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

Põldvere, Anne; Kleesment, Anne-Liis; Nõlvak, Jaak; Männik, Peep; Hints, Olle; Meidla, Tõnu; Kiipli, Tarmo; Kallaste, Toivo; Ainsaar, Leho Eesti Geoloogiakeskuse aastaraamat 2001 2002 / lk. 78-79 https://artiklid.elnet.ee/record=b2287178*est

Estonian geological sections. Bulletin 5. Ruhnu (500) Drill core / Eesti tugiläbilõiked. Bülletään 5. Ruhnu (500) puursüdamik/ (76 lk, 1 CD; trükiarv 500) : [2003. a. lõpetatud töö referaat]

Einasto, Rein; Jõelet, Argo; Kaljo, Dimitri; Kiipli, Tarmo; Nõlvak, Jaak Eesti Geoloogiakeskuse aastaraamat 2003 2004 / lk. 77
https://artiklid.elnet.ee/record=b2283898*est

Estonian geological sections. Bulletin 6. Mehikoorma (421) Drill core / Eesti tugiläbilõiked. Bülletään 6. Mehikoorma (421) puursüdamik/ (67 lk, 1 CD; trükiarv 500) : [2005. a. lõpetatud töö referaat]

Põldvere, Anne; Hints, Linda; Kallaste, Toivo; Kiipli, Tarmo; Kleesment, Anne-Liis; Mark-Kurik, Elga; Lääts, Jaanika; Martma, Tõnu; Männik, Peep; Nõlvak, Jaak; Šogenova, Alla; Viira, Viive Eesti Geoloogiakeskuse aastaraamat 2005 2006 / lk. 70-71
https://artiklid.elnet.ee/record=b2252828*est

Estonian geological sections. Bulletin 9. Männamaa (F-367) drill core / Eesti geoloogilised läbilõiked. Bülletään 9. Männamaa (F-367) puursüdamik / (55 lk, 1 CD, trükiarv 500)

Põldvere, Anne; Aaloe, Aasa; Ainsaar, Leho; Kallaste, Toivo; Kiipli, Tarmo; Meidla, Tõnu; Mens, Kaisa; Niin, Mati; Nõlvak, Jaak; Orlova, Kiira; Suuroja, Kalle; Šogenova, Alla; Šogenov, Kazbulat; Tinn, Oive; Uutela, Anneli; Viira, Viive Eesti Geoloogiakeskuse aastaraamat 2008 2009 / lk. 71-72 : ill https://www.ester.ee/record=b1223619*est

Estonian geological sections. Bulletin 10. Viki drill core / Eesti geoloogilised läbilõiked. Bülletään 10. Viki puursüdamik / (56 lk, 1 CD, trükiarv 500)

Põldvere, Aivar; Kalberg, Anna-Liisa; Kallaste, Toivo; Kiipli, Tarmo; Meidla, Tõnu; Männik, Peep; Nestor, Heldur; Nestor, Viikar; Nõlvak, Jaak; Plado, Jüri; Schleifer, Norbert; Šogenova, Alla; Šogenov, Kazbulat; Tinn, Oive; Voolma, Margus Eesti Geoloogiakeskuse aastaraamat 2010 2011 / lk. 65-66 : ill

Estonian Soviet Socialist Republic : excursions : 027 hydrogeology of the Baltic. 028 geology and mineral deposits of Lower Palaeozoic of the Eastern Baltic area. Guidebook

Freimanis, A.; Hints, Linda; Kaljo, Dimitri; Kink, Hella; Nõlvak, Jaak; Pirrus, Enn-Aavo 1984

Facies and sequences of the Vormsi Stage of the East Baltic

Harris, M.T.; Hints, Linda; Nõlvak, Jaak The Seventh Baltic Stratigraphical Conference : 17-18 May 2008, Tallinn, Estonia : abstracts & field guide 2008 / p. 22

Fossilized reproductive modes reveal a protistan affinity of Chitinozoa

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

Geoloogilised retked Tallinnas ja selle lähiümbruses = Geological tours in Tallinn and its environs

Nõlvak, Jaak Tallinna geoloogia = Geology of Tallinn 2010 / lk. 184-201 : ill https://www.ester.ee/record=b2634906*est

Glacioeustatic karst development in the Late Ordovician of Baltica

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

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

Goldman, Daniel; Sheets, H. David; Bergström, Stig M.; Nõlvak, Jaak; Podhalanska, Teresa GeoTirol 2016 : Annual Meeting DGGV, 25-28 September 2016, Innsbruck, Austria : abstract volume 2016 / p. 87 <https://www.uibk.ac.at/geologie/geotiro16-pangeo/images/abstractvolume.pdf>

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

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

Hotelliehitaja memuaare

Nõlvak, Jaak Geoloogia instituudi kuuskümmend viis aastat : loomine ja muutumised, inimesed ja teadus, meenutused ja suundumused 2012 / lk. 246-249 : portr

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

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

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

Männik, Peep; Loydell, David Kendrick; Nestor, Viuu; 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](#)

Jaak Nõlvak: sinililled ei valeta, kuid päristõde on lubjakivides

Nõlvak, Jaak Mente et Manu 2025 / lk. 14-15 : fot https://www.ester.ee/record=b1242496*est

Kivistised kui varamu

Nõlvak, Jaak Maa ressursid : [7. geoloogia sügiskooli artiklid ja ettekanded] 2011 / lk. 32-42

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

Lehnert, Oliver; Männik, Peep; Nõlvak, Jaak; Kröger, Björn; Joachimski, Michael M.; Calner, Mikael; Bauert, Heikki; Schmid, Rebekka Fossils : Key to evolution, stratigraphy and palaeoenvironments : 87th Annual Conference of the Paläontologische Gesellschaft e. V. : Dresden, September 11-15, 2016 : programme, abstracts, field trip guides 2016 / p. 91-92

http://www.palges.de/fileadmin/pdf/Tagung_2016/PalGesDresden_programme_abstracts.pdf

Latest Ordovician age of the Spinachitina fragilis Chitinozoan Biozone in Baltoscandia

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

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

Latest Ordovician jawed polychaetes, chitinozoans and depositional environments of the Levín section, Prague Basin, Czech Republic

Tonarová, Petra; Vodrážková, Stanislava; Hints, Olle; Nõlvak, Jaak; Kubajko, Michal; Čáp, Pavel Geobios 2023 / p. 179-198 : ill

<https://doi.org/10.1016/j.geobios.2023.01.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Latest Sandbian brachiopods and chitinozoan biostratigraphy in North Estonia

Hints, Linda; Nõlvak, Jaak Estonian journal of earth sciences 2023 / p. 42-45 : ill <https://doi.org/10.3176/earth.2023.50> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Loodusmälestiste väärtuste hindamisest Pakri poolsaare ja saarte näitel

Kink, Hella; Erg, Katrin; Miidel, Avo; Nõlvak, Jaak; Raukas, Anto Keskkonnatehnika 2002 / lk. 42-44

https://artiklid.elnet.ee/record=b1009019*est

Lower and Middle Ordovician bio- and chemostratigraphy of the Aizpute-41 drill core, Latvia

Lieffroy, Thibaud; Ainsaar, Leho; Männik, Peep; Meidla, Tõnu; Nõlvak, Jaak; Hints, Olle XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 22 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/71c8154a-ede7-4a3a-9989-88de5c5848f6.pdf>

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

Liang, Yan; Hints, Olle; Luan, Xiacong; Tang, Peng; Nõlvak, Jaak; Zhan, Renbin Palaeogeography, palaeoclimatology, palaeoecology 2018 / p. 95-105

<https://doi.org/10.1016/j.palaeo.2018.04.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Maailmajaod. Geograafia. Ajalugu. Kultuur : TEA entsüklopeedia eriväljaanne

Amon, Maris; Nõlvak, Jaak 2017 http://www.ester.ee/record=b4632072*est

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

Du, Minghao; Nõlvak, Jaak; Tan, Jingqiang; Gao, Shijia; Wang, Wenhui Palynology 2022 / art. 2012538, 16 p. : ill

<https://doi.org/10.1080/01916122.2021.2012538> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

Middle to Late Ordovician graptolite and chitinozoan biostratigraphy of the Kandava-25 drill core in western Latvia
Goldman, Daniel; **Nõlvak, Jaak;** Maletz, Jörg GFF 2015 / p. 197 - 211 <https://doi.org/10.1080/11035897.2015.1021375> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Mikropaleontoloogia ja biostratigraafia rollist ning ühest tähendusrikkast leiust Eestis
Meidla, Tõnu; **Nõlvak, Jaak;** Tinn, Oive Teadusmõte Eestis (VI). Elu- ja maateadused : [artiklikogumik] 2011 / lk. 97-115 : ill

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 chitinozoans : a case study from the Upper Ordovician Viola Springs Formation, Arbuckle Mountains, Oklahoma, USA [Online resource]
Liang, Yan; Nõlvak, Jaak; Goldman, Daniel; **Hints, Olle** Trekking Across the GOBE : From the Cambrian through the Katian, June 3-7, 2018 : program & abstracts 2018 / p. 45 <https://igcp653athens2018.files.wordpress.com/2018/05/conference-programabstracts-sm1.pdf>

Morphological variation suggests that chitinozoans may be fossils of individual microorganisms rather than metazoan eggs
Liang, Yan; Bernardo, Joseph; Goldman, Daniel; **Nõlvak, Jaak;** Tang, Peng; Wang, Wenhui; **Hints, Olle** Proceedings of the Royal Society B: Biological Sciences 2019 / art. 20191270, 8 p. : ill <https://doi.org/10.1098/rspb.2019.1270> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A multiproxy study of the Puhmu core section (Estonia, Upper Ordovician) : consequences for stratigraphy and environmental interpretation
Kaljo, Dimitri; Hints, Linda; Martma, Tõnu; Nõlvak, Jaak Estonian journal of earth sciences 2017 / p. 77-92 : ill
<https://doi.org/10.3176/earth.2017.08> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New biostratigraphically important chitinozoans from the Kukruse Regional Stage, Upper Ordovician of Baltoscandia
Nõlvak, Jaak; Bauert, Garmen Estonian journal of earth sciences 2015 / p. 218-224 : ill https://artiklid.elnet.ee/record=b2739527*est
<https://doi.org/10.3176/earth.2015.28> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

New data on Ordovician stable isotope record and conodont biostratigraphy from the Viki reference drill core, Saaremaa Island, western Estonia
Hints, Olle; Martma, Tõnu; Männik, Peep; Nõlvak, Jaak; Põldvere, Anne; Shen, Yanan; **Viira, Viive** GFF 2014 / p. 100-104 : ill
<https://doi.org/10.1080/11035897.2013.873989> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

On future directions of Ordovician chitinozoan research
Liang, Yan; Hints, Olle; Nõlvak, Jaak; Tang, Peng Estonian journal of earth sciences 2023 / p. 58-61 : ill
<https://doi.org/10.3176/earth.2023.34> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ordovician chitinozoans of the Miaopo Formation at Zhenjin, Upper Yangtze Platform, South China
Liang, Yan; Nõlvak, Jaak; Hints, Olle Palynology 2024 / art. 2271086, 15 p. : ill <https://doi.org/10.1080/01916122.2023.2271086> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ordovician timescale in Estonia : recent developments
Nõlvak, Jaak; Hints, Olle; Männik, Peep Proceedings of the Estonian Academy of Sciences. Geology 2006 / 2, p. 95-108

Ordoviikkikausi Virossa ja Edelä-Suomessa
Nestor, Heldur; Soesoo, Alvar; Linna, Ari; **Hints, Olle; Nõlvak, Jaak** 2006 https://www.ester.ee/record=b2145299*est

Ordoviitsium Eestis ja Lõuna-Soomes
Nestor, Heldur; Soesoo, Alvar; Linna, Ari; **Hints, Olle; Nõlvak, Jaak** 2006 https://www.ester.ee/record=b2145298*est

Paired carbon isotope chemostratigraphy across the Ordovician–Silurian boundary in central East Baltic: Regional and global signatures
Hints, Olle; Ainsaar, Leho; **Lepland, Aivo; Liiv, Merlin; Männik, Peep;** Meidla, Tõnu; **Nõlvak, Jaak;** Radzevičius, Sigitas Palaeogeography, palaeoclimatology, palaeoecology 2023 / art. 111640, 17 p. : ill <https://doi.org/10.1016/j.palaeo.2023.111640> [Journal metrics](#) [at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoecology of floian and dapingian (Ordovician) chitinozoans in South China
Liang, Yan; Hints, Olle; Luan, Xiacong; Servais, Thomas; **Nõlvak, Jaak;** Tang, Peng; Wu, Rongchang The Fossil Week : Abstract Book : 5th International Palaeontological Congress: IPC5 2018 : Paris, 9th-13th July, 2018 2018 / p. 850

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](#)

Paljandid

Nõlvak, Jaak; Hints, Olle Harjumaa : Paldiski, Pakri poolsaar ja saared 2000 / lk. 15-16 https://www.ester.ee/record=b1628563*est

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

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

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

Liang, Yan; **Hints, Olle;** Bernardo, Joseph; Goldman, Daniel; **Nõlvak, Jaak;** Tang, Peng; Wang, Wenhui *Zooming in on the GOBE : 2020 virtual annual meeting of IGCP 653 : International Geoscience Programme Project 653 : The onset of the Great Ordovician Biodiversification Event, September 7-10, 2020 : Abstracts 2020* / p. 33 "[Programme](#)"

Reinu quarry

Hints, Olle; Ainsaar, Leho; **Männik, Peep;** Meidla, Tõnu; **Nõlvak, Jaak;** Toom, Ursula *XI Baltic Stratigraphical Conference : abstracts and field guide 2025* / p. 145-150 : ill https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/1f99d548-322e-4f77-85a7-086886d28cca.pdf>

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

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

TEA entsüklopeedia

Eerme, Kalju; **Loide, Rein-Karl; Nõlvak, Jaak; Alver, Jaan; Purju, Alari; Kask, Jüri; Kõiv, Teet-Andrus; Mespak, Vello; Metsaveer, Jaan; Mõisnik, Kuulo; Raado, Lembi-Merike; Vain, Jüri** 2014

TEA entsüklopeedia

Tulviste, Peeter; **Engelbrecht, Jüri;** Eerme, Kalju; **Loide, Rein-Karl; Nõlvak, Jaak; Christjanson, Peep; Kann, Jüri; Viikna, Anti; Alver, Jaan; Ennuste, Ülo; Gerndorf, Kostel; Abel, Mart; Vene, Varmo; Albri, Rein; Kask, Jüri; Aro, Rein; Kõiv, Teet-Andrus; Mespak, Vello; Metsaveer, Jaan; Mõisnik, Kuulo; Raado, Lembi-Merike; Reinsalu, Enno; Vares, Villu; Kaasik, Imbi** 2008
https://www.ester.ee/record=b2408734*est

TEA entsüklopeedia

Tulviste, Peeter; **Engelbrecht, Jüri;** Eerme, Kalju; **Loide, Rein-Karl; Nõlvak, Jaak; Christjanson, Peep; Kann, Jüri; Viikna, Anti; Alver, Jaan; Gerndorf, Kostel; Abel, Mart; Vene, Varmo; Aro, Rein; Mespak, Vello; Metsaveer, Jaan; Raado, Lembi-Merike; Reinsalu, Enno; Sinivee, Veljo; Vares, Villu; Kaasik, Imbi** 2009 https://www.ester.ee/record=b2465036*est

TEA entsüklopeedia

Tulviste, Peeter; **Engelbrecht, Jüri;** Eerme, Kalju; **Loide, Rein-Karl; Nõlvak, Jaak; Christjanson, Peep; Kann, Jüri; Viikna, Anti; Alver, Jaan; Gerndorf, Kostel; Purju, Alari; Abel, Mart; Vene, Varmo; Aarna, Olav; Kõiv, Teet-Andrus; Mespak, Vello; Metsaveer, Jaan; Mõisnik, Kuulo; Vares, Villu; Nuuma, Poigo** 2009 https://www.ester.ee/record=b2503851*est

TEA entsüklopeedia

Tulviste, Peeter; **Engelbrecht, Jüri;** Eerme, Kalju; **Loide, Rein-Karl; Nõlvak, Jaak; Christjanson, Peep; Gerndorf, Kostel; Purju, Alari; Mespak, Vello; Metsaveer, Jaan; Mõisnik, Kuulo; Vares, Villu; Raado, Lembi-Merike; Reinsalu, Enno; Sinivee, Veljo; Kaasik, Imbi; Nuuma, Poigo** 2009 https://www.ester.ee/record=b2542726*est

TEA entsüklopeedia

2010 https://www.ester.ee/record=b2607773*est

TEA entsüklopeedia

2011 https://www.ester.ee/record=b2666688*est

TEA entsüklopeedia

2011 https://www.ester.ee/record=b2712813*est

TEA entsüklopeedia

2012 https://www.ester.ee/record=b2772002*est

TEA entsüklopeedia

2012 https://www.ester.ee/record=b2869027*est

TEA entsüklopeedia

2013 https://www.ester.ee/record=b2925120*est

The geology of the Malingen structure : a probable doublet to the Lockne marine-target impact crater, central Sweden

Ormö, J.; Sturkell, Erik; **Nõlvak, Jaak** Meteoritics & planetary science 2014 / p. 313-327 : ill <https://doi.org/10.1111/maps.12251> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

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

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

Bauert, Heikki; Hints, Olle; Bauert, Garmen; Nõlvak, Jaak; Ainsaar, Leho; **Martma, Tõnu** 10th Baltic Stratigraphic Conference : Checiny, 12-14 September 2017 : abstracts and field guide 2017 / p. 13-14 : ill http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abstracts_and_Field_Guide.pdf

The late Sandbian/Early Katian carbonate succession in the eastern St.Petersburgregion: the stratigraphic record in the Krapivno The late Sandbian/Early Katian carbonate succession in the eastern St. Petersburg region: the stratigraphic record in the Krapivno 21 drill core 21 drill core

Hints, Linda; Lehnert, Oliver; **Nõlvak, Jaak; Männik, Peep; Pärnaste, Helje**; Joachimski, Michael M. XI Baltic Stratigraphical Conference : abstracts and field guide 2024 / p. 13 https://www.ester.ee/record=b5696260*est <https://files.geocollections.info/16c906be-0636-4d30-95fe-065c76cc887a.pdf>

The Lockne-Målingen doublet impact structure : a marine impact by a binary asteroid

Ormö, J.; Sturkell, E.; Alwmark, C.; **Nõlvak, Jaak**; Melero-Asensio, I.; Lepinette, A.; Frisk, A.; Holm, S.; Wikström, T. 31st Nordic Geological Winter Meeting : Lund, Sweden, January 8-10 2014 2014 / p. 165

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

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

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

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

The succession of Hirnantian events based on data from Baltica : brachiopods, chitinozoans, conodonts, and carbon isotopes

Kaljo, Dimitri; Hints, Linda; Männik, Peep; Nõlvak, Jaak Estonian journal of earth sciences 2008 / 4, p. 197-218 : ill https://artiklid.elnet.ee/record=b1076635*est

Unikaalsed fossiilid - muistse elu jäljed Tallinna aluspõhjas = Unique fossils - traces of ancient life in the bedrock of Tallinn

Nõlvak, Jaak Tallinna geoloogia = Geology of Tallinn 2010 / lk. 82-89 : ill https://www.ester.ee/record=b2634906*est

Upper Katian (Ordovician) bentonites in the East Baltic, Scandinavia and Scotland Geochemical correlation and volcanic source interpretation

Kiipli, Tarmo; Dahlqvist, Peter; **Kallaste, Toivo; Kiipli, Enli; Nõlvak, Jaak** Geological Magazine 2015 / p. 589 - 602 <https://doi.org/10.1017/S001675681400051X> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Upper Middle to lower Upper Ordovician chitinozoans and conodonts from the Bludziai-150 core, southern Lithuania

Stouge, Svend; **Bauert, Garmen; Bauert, Heikki; Nõlvak, Jaak**; Rasmussen, Jan A. Canadian journal of earth sciences 2016 / p. 781-787 : ill <https://doi.org/10.1139/cjes-2015-0205> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Upper Sandbian-lower Katian bio- and chemostratigraphy in the Pajevonys-13 core section, Lithuania

Hints, Linda; Paškevičius, Juozas; **Martma, Tõnu; Männik, Peep; Nõlvak, Jaak** Estonian journal of earth sciences 2016 / p. 85-97 : ill <https://doi.org/10.3176/earth.2016.08> https://artiklid.elnet.ee/record=b2778909*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)