

## **Borings and bioclastrations in bryozoans from the Kunda Regional Stage (Darrivilian; Middle Ordovician) of northern Estonia and NW Russia**

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen 2022 / p. 219-225 : map <https://doi.org/10.1127/njgpa/2022/1044> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Bryozoan-cnidarian mutualism triggered a new strategy for greater resource exploitation as early as the Late Silurian**

Zapalski, M. K.; Vinn, Olev; **Toom, Ursula**; Ernst, Andrej; Wilson, Mark A. Scientific reports 2022 / art. 15556 ; 9 p. : ill <https://doi.org/10.1038/s41598-022-19955-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Cornulitid tubeworms and other calcareous tubicolous organisms from the Hirmuse Formation (Katian, Upper Ordovician) of northern Estonia**

Vinn, Olev; Madison, Anna; Wilson, Mark A.; **Toom, Ursula** Journal of paleontology 2023 / p. 38-46: ill <https://doi.org/10.1017/jpa.2022.89> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **A crustoid graptolite lithoimmured inside a Middle Ordovician nautiloid conch from Northern Estonia**

Vinn, Olev; Wilson, Mark A.; **Toom, Ursula** Annales societatis geologorum Poloniae 2019 / p. 285-290 : ill <https://doi.org/10.14241/asgp.2019.17> [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>

## **Diverse endobiotic symbiont fauna from the late Katian(Late Ordovician) of Estonia**

Vinn, Olev; Wilson, Mark A.; Holmer, Lars E.; Ernst, Andrej; Tinn, Oive; **Toom, Ursula** Palaeontologia Electronica 2022 / art. a31, 13 p. : ill <https://doi.org/10.26879/1232> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Dwarf cornulitid tubeworms from the Hirnantian (Late Ordovician) of Estonia**

Vinn, Olev; Wilson, Mark A.; Madison, Anna; Ernst, Andrej; **Toom, Ursula** Historical Biology : An International Journal of Paleobiology 2024 <https://doi.org/10.1080/08912963.2024.2318796> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Earliest known rugosan-stromatoporoid symbiosis from the Llandoverly 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>

## **Earliest rhynchonelliform brachiopod parasite from the Late Ordovician of northern Estonia (Baltica)**

Vinn, Olev; Wilson, Mark A.; **Toom, Ursula** Palaeogeography, palaeoclimatology, palaeoecology 2014 / p. 42-45 : ill <https://doi.org/10.1016/j.palaeo.2014.06.028> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **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>

## **Early Silurian recovery of Baltica crinoids following the end-Ordovician extinctions (Llandoverly, 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](#)

## **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](#)

## **Intergrowth of bryozoans with other invertebrates in the Late Pridoli of Saaremaa, Estonia**

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Annales societatis geologorum Poloniae 2021 / p. 101-111 <https://doi.org/10.14241/asgp.2021.04> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **New bioclastration in trepostome bryozoans from the Late Ordovician (Sandbian) of Estonia**

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** Lille 2021 : Ordovician of the World : programme with abstracts 2021 / p. 78 <https://docplayer.net/219093593-Programme-with-abstracts-2021-virtual-annual-meeting-of-igcp-virtual-annual-meeting-of-igcp-735.html>

## **The Ordovician bioclastration revolution**

Vinn, Olev; Wilson, Mark A.; Ernst, Andrej; **Toom, Ursula** *Geobios* 2023 / p. 145-151 <https://doi.org/10.1016/j.geobios.2022.10.007>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Possible drill holes and pseudoborings in obolid shells from the Cambrian/Ordovician boundary beds of Estonia and the uppermost Cambrian of NW Russia**

Vinn, Olev; Holmer, Lars E.; Wilson, Mark A.; Isakar, Mare; **Toom, Ursula** *Historical Biology : An International Journal of Paleobiology* 2021 / p. 3579-3584 <https://doi.org/10.1080/08912963.2021.1878355> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A Rowellella (Lingulata, Brachiopoda) nestler in a Trypanities boring from the Middle Ordovician of Estonia : an early colonizer of hard substrate borings**

Vinn, Olev; Holmer, Lars E.; Wilson, Mark A.; Isakar, Mare; **Toom, Ursula** *Palaios* 2023 / p. 240-245  
<https://doi.org/10.2110/palo.2023.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Small cornulitids from the Upper Ordovician (Katian) of Estonia**

Vinn, Olev; Wilson, Mark A.; Madison, Anna; **Toom, Ursula** *Palaeoworld* 2024 / p. 57-64 : ill <https://doi.org/10.1016/j.palwor.2022.12.005>  
[Journal metrics at Scopus](#) [Article at Scopus](#)

**Symbiosis in brachiopods and brachiopod-attached trepostome bryozoans from the Katian of Estonia**

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; Tinn, Oive; Isakar, Mare; **Toom, Ursula** *Neues Jahrbuch für Geologie und Paläontologie - Abhandlungen* 2023 / p. 41–50 <https://doi.org/10.1127/njgpa/2023/1111> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Symbiosis in trepostome bryozoans from the Sandbian (Late Ordovician) of Estonia**

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** *Historical Biology : An International Journal of Paleobiology* 2022 / p. 1029-1038 : ill., map <https://doi.org/10.1080/08912963.2021.1959579> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Symbiosis of conulariids with trepostome bryozoans in the Upper Ordovician of Estonia (Baltica)**

Vinn, Olev; Ernst, Andrej; Wilson, Mark A.; **Toom, Ursula** *Palaeogeography, palaeoclimatology, palaeoecology* 2019 / p. 89-96 : ill <https://doi.org/10.1016/j.palaeo.2019.01.018> [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 the inner aragonitic layer of *Leptodesma* (Bivalvia) from the Pridolí (Upper Silurian) of Saaremaa Island, Estonia**

Vinn, Olev; Wilson, Mark A.; Isakar, Mare; **Toom, Ursula** *PalZ* 2021 / p. 231–236 <https://doi.org/10.1007/s12542-021-00554-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The earliest bryozoan parasite: Middle Ordovician (Darrivilian) of Osmussaar Island, Estonia**

Vinn, Olev; Wilson, Mark A.; **Mõtus, Mari-Ann**; **Toom, Ursula** *Palaeogeography, palaeoclimatology, palaeoecology* 2014 / p. 129-132 : ill <https://doi.org/10.1016/j.palaeo.2014.08.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The earliest giant *Osprioneides* borings from the sandbian (late ordovician) of Estonia**

Vinn, Olev; Wilson, Mark A.; **Mõtus, Mari-Ann** *PLoS ONE* 2014 / art. e99455, 6 p. : ill <https://doi.org/10.1371/journal.pone.0099455>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The trace fossil *Arachnostega* in the ordovician of Estonia (Baltica)**

Vinn, Olev; Wilson, Mark A.; Zatoń, Michał; **Toom, Ursula** *Palaeontologia electronica* 2014 / art. 40A, 9 p. : ill <https://doi.org/10.26879/477> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**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>

**Two high value geoheritage sites on Sõrve Peninsula (Saaremaa Island, Estonia): a window to the unique Late Silurian fauna**

Vinn, Olev; Wilson, Mark A.; Isakar, Mare; **Toom, Ursula** Geoheritage 2024 / art. 53, 15 p. : ill <https://doi.org/10.1007/s12371-024-00957-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)