

Biological effect indicators : influence of environmental parameters and contaminants on Amphipods = Bioloogilise mõju indikaatorid : keskkonnaparameetrite ja ohtlike ainete mõju kirpühilistele

Kolesova, Natalja 2024 <https://doi.org/10.23658/taltech.40/2024> https://www.ester.ee/record=b5694394*est
<https://digikogu.taltech.ee/et/Item/961ea92d-ef14-429c-8e99-e56d652b4a44>

□ **Comparing PCR-generated artifacts of different polymerases for improved accuracy of DNA metabarcoding**

Nagai, Satoshi; **Sildever, Sirje**; Nishi, Noriko Metabarcoding and metagenomics 2022 / art. e77704
<https://doi.org/10.3897/mbmq.6.77704> [Journal metrics at Scopus](#) [Article at Scopus](#)

Competitive advantage and higher fitness in native populations of genetically structured planktonic diatoms

Sildever, Sirje; Seftom, Josefin; **Lips, Inga**; Godhe, Anna Environmental microbiology 2016 / p. 4403-4411 : ill
<https://doi.org/10.1111/1462-2920.13372> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of an absolute quantification method for ribosomal RNA gene copy numbers per eukaryotic single cell by digital PCR

Yarimizu, Kyoko; **Sildever, Sirje**; Hamamoto, Yoko; Tazawa, Satoshi; Oikawa, Hiroshi; Yamaguchi, Haruo; Basti, Leila; Mardones, Jorge I.; Paredes-Mella, Javier; Nagai, Satoshi Harmful Algae 2021 / art. 102008, 13 p. : ill <https://doi.org/10.1016/j.hal.2021.102008>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

DNA metabarcoding: Guidelines to monitor phytoplankton diversity and distribution in marine and brackish waters

Jerney, Jacqueline; Hällfors, Heidi; Jakobsen, Hans; Jurgensone, Iveta; Karlson, Bengt; Kremp, Anke; Lehtinen, Sirpa; Majaneva, Markus; Meissner, Kristian; Norros, Veera; **Sildever, Sirje**; Suikkanen, Sanna; Teeveer, Karolin 2023
<http://https://www.norden.org/en/publication/dna-metabarcoding>

DNA tõi Soome lahest päevavalgele ligi 20 uut planktoniliiki [Võrguväljaanne]

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Eesti teadlane aitas tuvastada merest enneolematu hulga mikroorganisme

Sildever, Sirje novaator.err.ee 2023 [Eesti teadlane aitas tuvastada merest enneolematu hulga mikroorganisme](#)

Eight years of weekly eDNA monitoring in the North-Western Pacific

Sildever, Sirje; Nishi, Noriko; Tazawa, Satoshi; Kasai, Hiromi; Hirai, Junya; Shiimoto, Akihiro; Kikuchi, Tasei; Katakura, Seiji; Nagai, Satoshi Environmental DNA 2023 / p. 1202 - 1215 <https://doi.org/10.1002/edn3.452> [Journal metrics at Scopus](#) [Article at Scopus](#)

Factors contributing to the potential expansion of *Limnomonas gairiensis* (Chlamydomonadales, Chlorophyta) in freshwater lakes in Northern Europe

Sildever, Sirje; Stewart, Rebecca I. A.; Tesson, Sylvie V. M. European journal of phycology 2023
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Genetic relatedness of a new Japanese isolates of *Alexandrium ostenfeldii* bloom population with global isolates

Sildever, Sirje; Jerney, Jacqueline; Kremp, Anke; Oikawa, Hiroshi; Sakamoto, Setsuko Harmful Algae 2019 / p. 64-74 : ill
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Growth and feeding behaviour of Mixotrophic Dinophysis species in laboratory cultures

Nagai, Satoshi; **Sildever, Sirje**; Suzuki, Toshiyuki; Nishitani, Goh; Basti, Leila; Kamiyama, Takashi Dinoflagellates: classification, evolution, physiology and ecological significance 2020 / p. 129-168 ["Dinoflagellates: classification, evolution, physiology and ecological significance"](#)

Growth, toxin content and production of *Dinophysis norvegica* in cultured strains isolated from Funka Bay (Japan)

Nagai, Satoshi; Basti, Leila; Uchida, Hajime; Kuribayashi, Takanori; Natsuike, Masafumi; **Sildever, Sirje**; Nakayama, Natsuko; Lum, Wai Mun; Matsushima, Ryuji Toxins 2023 / art. 318 <https://doi.org/10.3390/toxins15050318> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Improving taxonomic classification of marine zooplankton by molecular approach: registration of taxonomically verified 18S and 28S rRNA gene sequences

Watanabe, Tsuyoshi; Hirai, Junya; **Sildever, Sirje**; Tadokoro, Kazuaki; Hidaka, Kiyotaka; Tanita, Iwao; Nishiuchi, Koh; Iguchi, Naoki; Kasai, Hiromi; Nishi, Noriko; Katakura, Seiji; Taniuchi, Yukiko; Kodama, Taketoshi; Tashiro, Satokuni; Nakae, Misato; Okazaki, Yuji; Kitajima, Satoshi; Sogawa, Sayak; Hasegawa, Toru; Azumaya, Tomonori; Hiroe, Yutaka; Ambe, Daisuke; Setou, Takashi; Ito, Daiki; Kusaka, Akira; Okunishi, Takeshi; Tanaka, Takahiro; Kuwata, Akira; Hasegawa, Daisuke; Kakehi, Shigeo; Shimizu, Yugo; Nagai, Satosh PeerJ 2023 / art. e15427 <https://doi.org/10.7717/peerj.15427> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Influence of physical-chemical factors on community and populations of the Baltic Sea spring bloom microalgae = Füüsikalis-keemiliste tegurite mõju kevadõitsengu mikrovetikate kooslustele ja populatsioonidele Läänemeres

Sildever, Sirje 2017 <https://digi.lib.ttu.ee/i/?7192> https://www.ester.ee/record=b4649787*est

Influence of surface salinity gradient on dinoflagellate cyst community structure, abundance and morphology in the Baltic Sea, Kattegat and Skagerrak

Sildever, Sirje; Andersen, Thorbjørn Joest; Ribeiro, Sofia; Ellegaard, Marianne Estuarine, Coastal and Shelf Science 2015 / p. 1-7
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Linking contaminant exposure to embryo aberrations in sediment-dwelling amphipods : a multi-basin field study in the Baltic Sea

Kolesova, Natalja; Sildever, Sirje; Strode, Evita; Berezina, Nadezhda; Sundelin, B.; Lips, Inga; Kuprijanov, Ivan; Buschmann, Fred; Gorokhova, Elena Ecological indicators 2024 / art. 111837 <https://doi.org/10.1016/j.ecolind.2024.111837>

Mere hoidjad: Kui igaüks võtaks rannast lahkudes lisaks enda prahile kaasa osa võõrast, saaks meri puhtamaks

Lepassalu, Virkko Pealinn 2023 / Lk. 6-7

Monitoring harmful microalgal species and their appearance in Tokyo Bay, Japan, using metabarcoding

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Monitoring of the toxic dinoflagellate *Alexandrium catenella* in Osaka Bay, Japan using a massively parallel sequencing (MPS)-based technique

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Physical barriers and environmental gradients cause spatial and temporal genetic differentiation of an extensive algal bloom

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Plankton biodiversity and species co-occurrence based on environmental DNA - a multiple marker study

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Reconstructing salinity changes and environmental influence on dinoflagellate cysts in the central Baltic Sea since the late 19th century

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Reliable environmental DNA detection of planktonic biodiversity : minimum sample volume for DNA metabarcoding

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Spatio-temporal interdependence of bacteria and phytoplankton during a Baltic Sea spring bloom

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Spring bloom dinoflagellate cyst dynamics in three eastern sub-basins of the Baltic Sea

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Spring bloom in the Gulf of Finland - interannual variability caused by meteorological and hydrological conditions

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Strain variability in toxin profiles and toxic potential of *Dinophysis fortii* populations from Southwestern and Northern Japanese coastal waters

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Temperature optima of a natural diatom population increases as global warming proceeds

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Toxic HAB species from the Sea of Okhotsk detected by a metagenetic approach, seasonality and environmental drivers

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Микромусор в море: убрать невозможно, пресечь приток — реально

Lepassalu, Virkko Stolitsa.ee 2023 [Микромусор в море: убрать невозможно, пресечь приток — реально](https://www.ester.ee/record=b1242496*est)