

Abrupt Alnus population decline at the end of the first millennium CE in Europe – The event ecology, possible causes and implications

Latalowa, Malgorzata; Święta-Musznicka, Joanna; Słowinski, Michal; **Stivriņš, Normunds** The Holocene 2019 / p. 1335-1349 : ill <https://doi.org/10.1177/0959683619846978> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Abrupt rise in the contribution of CH₄ derived carbon to benthic secondary production of a shallow hemiboreal/boreal lake

Belle, Simon; Tönno, Ilmar; **Stivriņš, Normunds**; Freiberg, Rene; **Veski, Siim** Journal of quaternary science 2018 / p. 969-976 : ill <https://doi.org/10.1002/jqs.3075> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Accumulation of metals and changes in composition of freshwater lake organic sediments during the Holocene

Stankevica, Karina; Vincevica-Gaile, Zane; Klavins, Maris; Kalnina, Laimdota; **Stivriņš, Normunds**; Grudzinska, Ieva; **Kaup, Enn** Chemical geology 2020 / art. 119502, 14 p. : ill <https://doi.org/10.1016/j.chemgeo.2020.119502> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Anthropogenic impact on a seacoast landscape during the last 1300 years in central Latvia, Northeastern Europe

Stivriņš, Normunds; Doniņa, Inga; Auns, Muntis; **Blaus, Ansis**; **Liiv, Merlin**; Steinberga, Dace; Jasiunas, Nauris; Grudzinska, Ieva Geoarchaeology 2023 / p. 466-481 : ill <https://doi.org/10.1002/gea.21961> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Biotic turnover rates during the Pleistocene-Holocene transition

Stivriņš, Normunds; Soininen, Janne; **Amon, Leeli**; **Reitalu, Triin**; **Veski, Siim** Quaternary science reviews 2016 / p. 100-110 : ill <https://doi.org/10.1016/j.quascirev.2016.09.008> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Burial practices at Lapini curonian cremation cemetery, West Latvia, at the close of the iron age and in the middle ages (12th–14th/15th centuries)

Doniņa, Inga; **Stivriņš, Normunds**; Bērziņš, Valdis Archaeologia Baltica 2020 / p. 84-103 <https://doi.org/10.15181/AB.V27I0.2179> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Carbon accumulation rate in a raised bog in Latvia, NE Europe, in relation to climate warming

Stivriņš, Normunds; **Liiv, Merlin**; Ozola, Ilze; **Reitalu, Triin** Estonian journal of earth sciences 2018 / p. 247–258 : ill <https://doi.org/10.3176/earth.2018.20> http://www.ester.ee/record=b2246661*est http://www.kirj.ee/public/Estonian_Journal_of_Earth_Sciences/2018/issue_4/earth-2018-4-247-258.pdf [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climate effects on belowground tea litter decomposition depend on ecosystem and organic matter types in global wetlands

Trevathan-Tackett, Stacey M.; Kepfer-Rojas, Sebastian; Malerba, Martino; Macreadie, Peter I.; Djukic, Ika; Zhao, Junbin; Young, Erica B.; York, Paul H.; **Stivriņš, Normunds** Environmental Science and Technology 2024 / p. 21589 - 21603 <https://doi.org/10.1021/acs.est.4c02116> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Climatic and vegetational controls of Holocene wildfire regimes in the boreal forest of northern Fennoscandia

Remy, Cecile C.; Magne, Gwenaél; **Stivriņš, Normunds**; Aakala, Tuomas; **Asselin, Hugo**; Seppä, Heikki; Luoto, Tomi P.; Jasiunas, Nauris; Ali, Adam A. Journal of ecology 2023 / p. 845-860 : ill., map <https://doi.org/10.1111/1365-2745.14065> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A comparison of plant macrofossil-based quantitative climate reconstruction methods : a case study of the lateglacial Baltic States

Trasune, Liva; Väiliranta, Minna; **Stivriņš, Normunds**; Amon, Leeli; Schenk, Frederik; Salonen, J. Sakari Quaternary Science Reviews 2024 / art. 108811 <https://doi.org/10.1016/j.quascirev.2024.108811> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Current wildland fire patterns and challenges in Europe : a synthesis of national perspectives

Fernandez-Anez, Nieves; Krasovskiy, Andrey; Müller, Mortimer; Vacik, Harald; Baetens, Jan; Hukić, Emira; Kapovic Solomun, Marijana; Atanassova, Irena; Glushkova, Maria; **Stivriņš, Normunds** Air, soil and water research 2021 / 19 p. : ill <https://doi.org/10.1177/11786221211028185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Declining extent of fen peat deposits over the past 50 years in Ogre Municipality, central Latvia

Stivriņš, Normunds; Matskins, Davis; Ozola, Ilze Estonian Journal of Earth Sciences 2025 / p. 53-60 : ill <https://doi.org/10.3176/earth.2025.04>

Detection of the Askja AD 1875 cryptotephra in Latvia, Eastern Europe

Stivriņš, Normunds; Wulf, Sabine; **Alliksaar, Tiit**; **Heinsalu, Atko**; **Veski, Siim** Journal of quaternary science 2016 / p. 437-441 : ill <https://doi.org/10.1002/jqs.2868> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Determining reference conditions of hemiboreal lakes in Latvia, NE Europe: a palaeolimnological approach

Stivrinš, Normunds; Grudzinska, Ieva; **Elmi, Kati; Heinsalu, Atko; Veski, Siim** *Annales de limnologie - International journal of limnology* 2018 / art. 22, 12 p <https://doi.org/10.1051/limn/2018014> http://www.esther.ee/record=b2246661*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Downward migrating microplastics in lake sediments are a tricky indicator for the onset of the Anthropocene

Dimante-Deimantovica, Inga; Saarni, Saija; Barone, Marta; **Buhalko, Natalja; Stivrinš, Normunds;** Suhareva, Natalija; Tylmann, Wojciech; Vianello, Alvise; Vollertsen, Jes *Science advances* 2024 / art. eadi8136 <https://doi.org/10.1126/sciadv.adi8136>

Drivers of change and ecosystem status in a temperate lake over the last Post-Glacial period from 14.5 kyr [Online resource]

Tõnno, Ilmar; Freiberg, Rene; Talas, Liisi; Kisand, Anu; Belle, Simon; **Stivrinš, Normunds; Alliksaar, Tiiu; Heinsalu, Atko; Veski, Siim;** Kisand, Veljo *bioRxiv* 2020 / 26 p. : ill <https://doi.org/10.1101/2020.03.27.011502>

Drivers of peat accumulation rate in a raised bog : impact of drainage, climate, and local vegetation composition

Stivrinš, Normunds; Ozola, I.; Galka, Mariusz; Kuske, E.; **Alliksaar, Tiiu;** Andersen, T. J.; Lamentowicz, M.; Wulf, Sabine; **Reitalu, Triin** *Mires and peat* 2017 / art. 8, p. 1-19 : ill <https://doi.org/10.19189/MaP.2016.OMB.262> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The ecological impact of conquest and colonization on a medieval frontier landscape : combined palynological and geochemical analysis of lake sediments from Radzyń Chełmiński, Northern Poland

Brown, Alex; Banerjee, Rowena; Wynne, Amanda Dawn; **Stivrinš, Normunds;** Jarzebowski, Marc; Shillito, Lisa-Marie; Pluskowski, Aleks *Geoarchaeology* 2015 / p. 511 - 527 <https://doi.org/10.1002/gea.21525> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Environmental drivers and abrupt changes of phytoplankton community in temperate lake Lielais Svētīgu, Eastern Latvia, over the last Post-Glacial period from 14.5 kyr

Tõnno, Ilmar; Talas, Liisi; Freiberg, Rene; Kisand, Anu; Belle, Simon; **Stivrinš, Normunds; Alliksaar, Tiiu; Heinsalu, Atko; Veski, Siim;** Kisand, Veljo *Quaternary science reviews* 2021 / art. 107006 <https://doi.org/10.1016/j.quascirev.2021.107006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Fire frequency during the Holocene in central Latvia, northeastern Europe

Steinberga, Dace; **Stivrinš, Normunds** *Estonian journal of earth sciences* 2021 / p. 127-139 : ill <https://doi.org/10.3176/earth.2021.09> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Food availability and temperature optima shaped functional composition of chironomid assemblages during the Late Glacial–Holocene transition in Northern Europe

Stivrinš, Normunds; Belle, Simon; Trasune, Liva; **Blaus, Ansis; Salonen, Sakari** *Quaternary science reviews* 2021 / art. 107083 <https://doi.org/10.1016/j.quascirev.2021.107083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

From microbial eukaryotes to metazoan vertebrates : Wide spectrum paleodiversity in sedimentary ancient DNA over the last ~14,500 years

Kisand, Veljo; Talas, Liisi; Kisand, Anu; **Stivrinš, Normunds; Reitalu, Triin; Alliksaar, Tiiu; Vassiljev, Jüri; Liiv, Merlin; Heinsalu, Atko; Seppä, Heikki; Veski, Siim** *Geobiology* 2018 / p. 628-639 : ill <https://doi.org/10.1111/gbi.12307> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Hands-on approach to foster paludiculture implementation and carbon certification on extracted peatland in Latvia

Stivrinš, Normunds; Bikše, Jānis; Jeskins, Juris; Ozola, Ilze *Land* 2024 / art. 188 <https://doi.org/10.3390/land13020188> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Holocene fire activity during low-natural flammability periods reveals scale-dependent cultural human-fire relationships in Europe

Dietze, Elisabeth; Theuerkauf, Martin; Bloom, Karolina; **Poska, Anneli; Stivrinš, Normunds; Vassiljev, Jüri; Veski, Siim** *Quaternary science reviews* 2018 / p. 44-56 : ill <https://doi.org/10.1016/j.quascirev.2018.10.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Human-induced vegetation change in the Turaida vicinity during the Iron Age and the medieval period

Gunnarssone, Alise; Ceriņa, Aija; Krēsliņa, Sabīne; Skomorohovs, Andrejs; Beketova, Oļesja; **Stivrinš, Normunds** *Archaeologia Baltica* 2024 / p. 83-97 <https://doi.org/10.15181/ab.v31i0.2666> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Impact of human activity and fire on vegetation, hydrology, and carbon accumulation in Mustjärve bog, Northwest Estonia (PEATFLAMES)

Roberts, Harry; Andrews, Luke; **Amon, Leeli; Heinsalu, Atko;** Kołaczek, Piotr; Marcisz, Katarzyna; Słowiński, Michał; **Stivrinš, Normunds; Veski, Siim;** Lamentowicz, Mariusz *EGU General Assembly 2024* 2024 / EGU24-8157 <https://doi.org/10.5194/egusphere-egu24-8157>

Indicative value and training set of freshwater organic-walled algal palynomorphs (non-pollen palynomorphs)

Stivriņš, Normunds; Trasune, Līva; Jasiūnas, Nauris; Kalnina, Laimdota; Briede, Agrita; Maksims, Alekss; Steinberga, Dace; Jeskins, Jurijs; Rendenieks, Zigmars; **Veski, Siim** Quaternary science reviews 2022 / art. 107450, 19 p. : ill

<https://doi.org/10.1016/j.quascirev.2022.107450> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrating fire-scar, charcoal and fungal spore data to study fire events in the boreal forest of northern Europe

Stivriņš, Normunds The Holocene 2019 / 11 p. : ill <https://doi.org/10.1177/0959683619854524> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Investigating the impact of anthropogenic land use on a hemiboreal lake ecosystem using carbon/nitrogen ratios and coupled-optical emission spectroscopy

Stivriņš, Normunds; Liiv, Merlin; Brow, Alex D.; Banerjee, Rowena Yvonne; Heinsalu, Atko; Veski, Siim Palaeogeography, palaeoclimatology, palaeoecology 2019 / p. 1-9 : ill <https://doi.org/10.1016/j.palaeo.2019.01.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Landscape change in central Latvia since the Iron Age : multi-proxy analysis of the vegetation impact of conflict, colonization and economic expansion during the last 2,000 years

Stivriņš, Normunds; Brown, Alex; Reitalu, Triin; Veski, Siim; Heinsalu, Atko; Banerjee, Rowena Yvonne; Elmi, Kati Vegetation History and Archaeobotany 2015 / p. 377 - 391 <https://doi.org/10.1007/s00334-014-0502-y> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Large herbivore population and vegetation dynamics 14,600–8300 years ago in central Latvia, northeastern Europe

Stivriņš, Normunds; Cerina, Aija; Galka, Mariusz; Heinsalu, Atko; Lõugas, Lembi; Veski, Siim Review of palaeobotany and palynology 2019 / p. 42-51 : ill <https://doi.org/10.1016/j.revpalbo.2019.04.005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Late glacial and early Holocene climate and environmental changes in the eastern Baltic area inferred from sediment C/N ratio

Liiv, Merlin; Alliksaar, Tiit; Amon, Leeli; Freiberg, Rene; Heinsalu, Atko; Reitalu, Triin; Saarse, Leili; Seppä, Heikki; Stivriņš, Normunds; Tõnno, Ilmar; Vassiljev, Jüri; Veski, Siim Journal of paleolimnology 2019 / p. 1–16 : ill <https://doi.org/10.1007/s10933-018-0041-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Lateglacial vegetation dynamics in the eastern Baltic region between 14,500 and 11,400 cal yr BP : a complete record since the Bølling (GI-1e) to the Holocene

Veski, Siim; Amon, Leeli; Heinsalu, Atko; Reitalu, Triin; Saarse, Leili; Stivriņš, Normunds; Vassiljev, Jüri Quaternary science reviews 2012 / p. 39-53 : ill <https://sci-hub.ru/10.1016/j.quascirev.2012.02.013>

Local and regional Holocene vegetation dynamics at two sites in eastern Latvia

Stivriņš, Normunds; Kalnina, Laimdota; Veski, Siim; Zeimule, Sandra Boreal environment research 2014 / p. 310-322 : ill <https://helda.helsinki.fi/server/api/core/bitstreams/058c48fe-ebcd-46e2-be77-f5952af1ab6b/content> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Long-Term Consequences of Water Pumping on the Ecosystem Functioning of Lake Sekšu, Latvia

Zawiska, Izabela; Dimante-Deimantovica, Inta; Luoto, Tomi P.; Stivriņš, Normunds Water 2020 / art. 1459 <https://doi.org/10.3390/w12051459> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Millennial-scale disturbance history of the boreal zone

Aakala, Tuomas; Remy, Cécile C.; Arseneault, Dominique; Morin, Hubert; Girardin, Martin P.; Gennaretti, Fabio; Navarro, Lionel; Kuosmanen, Niina; Stivriņš, Normunds Boreal Forests in the Face of Climate Change 2023 / p. 53-87 https://doi.org/10.1007/978-3-031-15988-6_2

Modern pollen and non-pollen palynomorphs along an altitudinal transect in Jammu and Kashmir (Western Himalaya), India

Quamar, Firoze; Stivriņš, Normunds Palynology 2021 / p. 669-684 <https://doi.org/10.1080/01916122.2021.1915402> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Natural and human-transformed vegetation and landscape reflected by modern pollen data in the boreonemoral zone of Northeastern Europe

Stivriņš, Normunds; Briede, Agrita; Steinberga, Dace; Jasiūnas, Nauris; Jeskins, Jurijs; Kalnina, Laimdota; Maksims, Alekss; Rendenieks, Zigmars; Trasune, Līva Forests 2021 / art. 1166 <https://doi.org/10.3390/f12091166> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Non-pollen palynomorphs from 78 surface sediment samples reveal spatial distribution of phytoplankton in Latvian lakes and ponds

Stivriņš, Normunds Estonian journal of earth sciences 2023 / p. 226-235 <https://doi.org/10.3176/earth.2023.87> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Organic inclusions in Middle and Late Iron Age (5th-12th century) hand-built pottery in present-day Latvia

Dumpe, Baiba; **Stivrinš, Normunds** Journal of Archaeological Science 2015 / p. 239 - 247 <https://doi.org/10.1016/j.jas.2015.03.008>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoecological data indicates land-use changes across Europe linked to spatial heterogeneity in mortality during the Black Death pandemic

Izdebski, Adam; Guzowski, Piotr; Poniat, Radosław; Masci, Lucrezia; Palli, Jordan; Vignola, Cristiano; Bauch, Martin; Coccozza, Carlo; Fernandes, Ricardo; Ljungqvist, Fredrik; **Poska, Anneli; Reitalu, Triin; Stivrinš, Normunds; Veski, Siim** Nature Ecology & Evolution 2022 / p. 297-306 <https://doi.org/10.1038/s41559-021-01652-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoecological implications of the subfossil *Pediastrum argentinense*-type in Europe

Lenarczyk, Joanna; Kołaczek, Piotr; Jankovská, Vlasta; Turner, Falko; Karpińska-Kołaczek, Monika; Pini, Roberta; Pedziszewska, Anna; Zimny, Marcelina; **Stivrinš, Normunds**; Szymczyk, Artur Review of Palaeobotany and Palynology 2015 / p. 129 - 138
<https://doi.org/10.1016/j.revpalbo.2015.08.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Palaeoenvironmental evidence for the impact of the crusades on the local and regional environment of medieval (13th-16th century) northern Latvia, eastern Baltic

Stivrinš, Normunds; Brown, Alex; **Veski, Siim**; Ratniece, Vita; **Heinsalu, Atko**; Austin, Jennifer; **Liiv, Merlin**; Cerina, Aija The Holocene 2016 / p. 61-69 : ill <https://doi.org/10.1177/0959683615596821> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Paludiculture in Latvia—existing knowledge and challenges

Ozola, Ilze; Dauskane, Iluta; Aunina, Ieva; **Stivrinš, Normunds** Land 2023 / art. 2039, 19 p. : ill <https://doi.org/10.3390/land12112039>
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Peat stratigraphy and changes in peat formation during the Holocene in Latvia

Kalnina, Laimdota; **Stivrinš, Normunds**; Kuske, Eliza; Ozola, Ilze; Pujate, Agnese; Zeimule, Sandra; **Grudzinska, Ieva**; Ratniece, Vita Quaternary International 2015 / p. 186 - 195 <https://doi.org/10.1016/j.quaint.2014.10.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Phytoplankton response to the environmental and climatic variability in a temperate lake over the last 14,500 years in eastern Latvia

Stivrinš, Normunds; Kołaczek, Piotr; **Reitalu, Triin**; Seppä, Heikki T.; **Veski, Siim** Journal of Paleolimnology 2015 / p. 103 - 119
<https://doi.org/10.1007/s10933-015-9840-8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Postglacial environmental conditions, vegetation succession and human impact In Latvia = Pärastjääaja keskkonnatingimused, taimeistik ja inimõju Lätis

Stivrinš, Normunds 2015 https://www.ester.ee/record=b4447416*est

Quantitative summer and winter temperature reconstructions from pollen and chironomid data between 15 and 8 ka BP in the Baltic-Belarus area

Veski, Siim; Seppä, Heikki; Stančikaite, Migele; Zernitskaya, Valentina; **Reitalu, Triin**; Gryguc, Grażyna; **Heinsalu, Atko**; **Stivrinš, Normunds**; **Amon, Leeli**; **Vassiljev, Jüri**; Heiri, Oliver Quaternary International 2015 / p. 4 - 11
<https://doi.org/10.1016/j.quaint.2014.10.059> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Quartz grains reveal sedimentary palaeoenvironment and past storm events : a case study from eastern Baltic

Kalinska-Nartiša, Edyta; **Stivrinš, Normunds**; Grudzinska, Ieva Estuarine, coastal and shelf science 2018 / p. 359-370 : ill
<https://doi.org/10.1016/j.ecss.2017.11.027> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Regional variability in peatland burning at mid-to high-latitudes during the Holocene

Sim, Thomas G.; Swindles, Graeme T.; Morris, Paul J.; Baird, Andy J.; Gallego-Sala, Angela V.; Wang, Yuwan; Blaauw, Maarten; Camill, Philip; Gameau, Michelle; Hardiman, Mark; Loisel, Julie; Välranta, Minna; **Stivrinš, Normunds** Quaternary Science Reviews 2023 / art. 108020 <https://doi.org/10.1016/j.quascirev.2023.108020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Sedimentary Ancient DNA (sedaDNA) Reveals Fungal Diversity and Environmental Drivers of Community Changes throughout the Holocene in the Present Boreal Lake Lielais Svētīņu (Eastern Latvia)

Talas, Liisi; **Stivrinš, Normunds**; **Veski, Siim**; Tedersoo, Leho; Kisand, Veljo Microorganisms 2021 / art. 719, 21 p. : ill., map
<https://doi.org/10.3390/microorganisms9040719> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Spheroidal carbonaceous particles in cryoconite sediment on the Russell glacier, Southwest Greenland

Stivrinš, Normunds; Lamsters, Kristaps; Karušs, Jānis; Krievāns, Māris; Rečs, Agnis Baltica 2018 / p. 115-124 : ill
<https://doi.org/10.5200/baltica.2018.31.11>
https://www.researchgate.net/publication/329466558_Spheroidal_carbonaceous_particles_in_cryoconite_sediment_on_the_Russell_glacier
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Subfossil Cladocera as indicators of pH, trophic state and conductivity: Separate and combined effects in hemi boreal freshwater lakes

Lanka, Anna; Poska, Anneli; Bakumenko, Varvara; Dimante-Deimantovica, Inta; **Liiv, Merlin; Stivrinš, Normunds;** Zagars, Matiss; **Veski, Siim** Ecological indicators 2024 / art. 112592, 17 p. : ill <https://doi.org/10.1016/j.ecolind.2024.112592> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Testing the effect of relative pollen productivity on the REVEALS model: a validated reconstruction of Europe-wide holocene vegetation

Serge, M.A.; Mazier, F.; Fyfe, Ralph; Gaillard, M.-J.; Klein, T.; Lagnoux, A.; **Poska, Anneli; Lisitsyna, Olga; Stivrinš, Normunds; Veski, Siim** Land 2023 / art. 986, 31 p. : ill <https://doi.org/10.3390/land12050986> [Article at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Eurasian modern pollen database (EMPD), version 2

Davis, B.A.S.; Chevalier, M.; Sommer, P.; **Stivrinš, Normunds** Earth system science data 2020 / p. 2423–2445 <https://doi.org/10.5194/essd-12-2423-2020>

The final meltdown of dead-ice at the Holocene Thermal Maximum (8500–7400 cal. yr BP) in western Latvia, eastern Baltic

Stivrinš, Normunds; Liiv, Merlin; Heinsalu, Atko; Galka, Mariusz; **Veski, Siim** The Holocene 2017 / p. 1146–1157 : ill <https://doi.org/10.1177/0959683616683255> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

The Reading Palaeofire Database : an expanded global resource to document changes in fire regimes from sedimentary charcoal records

Harrison, Sandy P.; Villegas-Diaz, Roberto; Cruz-Silva, Esmeralda; Gallagher, Daniel; Kesner, David; Lincoln, Paul; **Lisitsyna, Olga; Poska, Anneli; Stivrinš, Normunds; Vassiljev, Jüri** Earth system science data 2022 / p. 1109–1124 <https://doi.org/10.5194/essd-14-1109-2022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Towards understanding the abundance of non-pollen palynomorphs: a comparison of fossil algae, algal pigments and sedaDNA from temperate lake sediments

Stivrinš, Normunds; Soininen, Janne; Tönno, Ilmar; Freiberg, Rene; **Veski, Siim;** Kisand, Veljo Review of palaeobotany and palynology 2018 / p. 9–15 : ill <https://doi.org/10.1016/j.revpalbo.2017.11.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Urbanization-driven Cladocera community shifts in the lake - a case study from Baltic region, Europe

Lanka, Anna; Dimante-Deimantovica, Inta; Saarni, Saija; **Stivrinš, Normunds;** Tylmann, Wojciech; Zawiska, Izabela; **Veski, Siim** Anthropocene 2024 / art. 100439, 13 p. : ill <https://doi.org/10.1016/j.ancene.2024.100439> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

What to monitor? Microplastics in a freshwater lake – From seasonal surface water to bottom sediments

Barone, Marta; Dimante-Deimantovica, Inta; Busmane, Sintija; Koistine, Arto; Poikane, Rita; Saarni, Saija; **Stivrinš, Normunds;** Tylmann, Wojciech; Uurasjärvi, Emilia; Viksna, Arturs Environmental Advances 2024 / art. 100577, 12 p. : ill <https://doi.org/10.1016/j.envadv.2024.100577>

Widespread, episodic decline of alder (Alnus) during the medieval period in the boreal forest of Europe

Stivrinš, Normunds; Buchan, Michelle S.; Disbrey, Helena R.; **Veski, Siim** Journal of quaternary science 2017 / p. 903–907 : ill <https://doi.org/10.1002/jqs.2984> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)