

**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; **Stivrinš, 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 CH<sub>4</sub> derived carbon to benthic secondary production of a shallow hemiboreal/boreal lake**

Belle, Simon; Tönno, Ilmar; **Stivrinš, 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; **Stivrinš, 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**

**Stivrinš, Normunds**; Doniņa, Inga; Auns, Muntis; **Blaus, Ansis**; **Liiv, Merlin**; Steinberga, Dace; Jasiunas, Nauris; Grudzinska, Ieva Geoarchaeology 2023 / 16 p <https://doi.org/10.1002/gea.21961>

**Biotic turnover rates during the Pleistocene-Holocene transition**

**Stivrinš, 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>

**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)**

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

**Stivrinš, 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.ester.ee/record=b2246661*est) [http://www.kirj.ee/public/Estonian\\_Journal\\_of\\_Earth\\_Sciences/2018/issue\\_4/earth-2018-4-247-258.pdf](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](#)

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

**Remy, Cecile C.**; Magne, Gwenaél; **Stivrinš, 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>

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

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

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**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.ester.ee/record=b2246661\\*est](http://www.ester.ee/record=b2246661*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Tönno, 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 <http://dx.doi.org/10.19189/MaP.2016.OMB.262>

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

Tönno, 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**

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

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

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

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

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

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### **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.; Banerjea, 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](#)

### **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, Tiiu; 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

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

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

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

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**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>

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**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)**

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

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**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](#)

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

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