

Pollen analysis and 14C dating in outlining vegetation history of the primeval forest Fiby urskog, south Sweden

SND-ID: snd1124-1. **Version:** 1.0. **DOI:** <https://doi.org/10.5878/3azc-7r86>

Download data

SND1124-001_V1.0.zip (49.24 KB)

Citation

Skoglund, J., Hytteborn, H., & Karlsson, S. (2019) Pollen analysis and 14C dating in outlining vegetation history of the primeval forest Fiby urskog, south Sweden (Version 1.0) [Data set]. Swedish University of Agricultural Sciences. Available at: <https://doi.org/10.5878/3azc-7r86>

Creator/Principal investigator(s)

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Description

The data file is the raw data collected in Fiby urskog, south Sweden in order to perform a paleoecological study, covering ca 7000 years, using pollen analysis, including spores, charcoal fragments and mineral particles from a small wetland basin. 14C dating, diatom analysis and shore displacement data aided in dating the vegetation succession. Indicators of human impact and other disturbances, during the last ca 1000 years, are given particular attention as well as Picea immigration.

Pollen was extracted from the sediment with a Russian peat corer (diameter 5 cm) every 2.5 cm down to ca 100 cm. Standard acetolysis method was used to extract pollen and spores. Treatment with hydrofluoric acid was performed on the lowermost part of the sediment to separate the large number of mineral particles.

Language

[English](#)

Time period(s) investigated

5000 BCE – 2000

Data format / data structure

[Numeric](#)

[Text](#)

Geographic spread

Geographic location: [Sweden](#), [Vänge Parish](#)

Geographic description: Fiby urskog nature reserve is managed by the Administrative Board of Uppsala County. Fiby urskog is situated 16 km west of Uppsala, 5 km northwest of Vänge.

Responsible department/unit

Department of Ecology

Funding 1

- Funding agency: Stiftelsen Extensus

Funding 2

- Funding agency: Swedish Phytogeographical Society

Research area

[Earth and related environmental sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Natural sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Biological sciences](#) (Standard för svensk indelning av forskningsämnen 2011)

[Biota](#) (INSPIRE topic categories)

[Geoscientific information](#) (INSPIRE topic categories)

Keywords

[Primary forest](#), [Paleoecology](#), [Pollen analysis](#), [Terrestrial](#), [Habitats and biotopes](#), [Palynology](#), [Mire](#), [Picea abies](#)

Polygon (Lon/Lat)

17.339238978481, 59.894478890113

17.339238978481, 59.880754613207

17.360214551285, 59.880754613207

17.360214551285, 59.894478890113

17.339238978481, 59.894478890113

Accessibility level

Access to data through SND

Data are freely accessible

Use of data

[Things to consider when using data shared through SND](#)

Versions

Version 1.0. 2019-10-01

Download metadata

[DataCite](#)

[DDI 2.5](#)

[DDI 3.3](#)

[DCAT-AP-SE 2.0](#)

[JSON-LD](#)

[PDF](#)

[Citation \(CLS\)](#)

[File overview \(CSV\)](#)

Published: 2019-10-01

Last updated: 2019-10-03