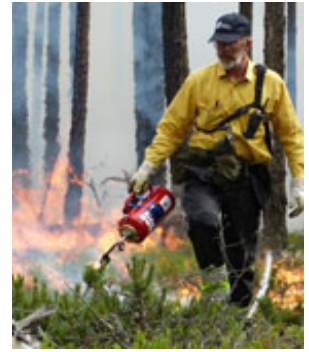




## LifeTaiga - Reintroduction of burning in Boreal western taiga woodlands

LIFE13 NAT/SE/000065



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### Project description:

#### Background

Controlled burning can support the conservation of many sites of priority habitat type 9010 (\*Western Taiga) and, to some extent, habitat 9060 (Coniferous forests on, or connected to, glaciofluvial eskers) Up until 150 years ago, 1% of the wooded area burned annually. Today less than 0.016% burns annually. The reduction in the frequency of fires is one of the major ecological changes that have taken place in woodlands since the 1800s. Over time, fires have led to the development of pyrophilic organisms. We know today that some 40 insects and some 50 fungi species are dependent on burned wood and burned ground for their survival. Hundreds of other species, such as flies, bees and crabronids, also benefit from fires. Many of the organisms dependent on fire are rare and are on the Swedish Red List, and some of them are listed in the Habitats and the Birds Directives. If these fire-dependent habitats and species are to survive, then the number of controlled fires in the wooded landscape must increase.

#### Objectives

The main objectives of LifeTaiga project include: transforming a significant proportion western taiga (9010) in Sweden from unfavourable to favourable conservation status; developing suitable methods for controlled burning, as well as training and encouraging authorities, companies, organisations and contractors associated with controlled burning; promoting a dialogue and

delivering good quality, easy-to-understand information to landowners, local residents, visitors and the general public on the issue of controlled burning; and developing mutual collaboration with Finland in relation to the management of the target habitat.

Expected results:

- 120 controlled burning events on a total area of 2060 ha in 89 different Natura 2000 sites;
- Fencing, creation of bare soil, and targeted actions on 18 of these Natura 2000 sites;
- Large areas (more than 30 ha) burned at eight sites, intermediate sized areas burned (10-30 ha) in 65 projects sites, and smaller areas (in general less than 10 ha) burned at 16 sites;
- Production of a database, which will be used to refine methods of controlled burning;
- Development of information trails to highlight the ecology of controlled burning in specific Natura 2000 sites; and
- Implementation of awareness raising measures that facilitate the exchange of ideas among organisations and contractors, as well as reach new target groups via a mobile app, QR-coded information signs and an interactive website.

Results

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Environmental issues addressed:

Themes

Habitats - Forests

Keywords

protected area, wood, management plan

Target species

Aegolius funereus Agathidium pulchellum Aradus angularis Bonasa bonasia  
Boros schneideri Dryocopus martius Lacerta agilis Lycopodium spp.  
Phryganophilus ruficollis Pulsatilla patens Stephanopachys linearis  
Stephanopachys substriatus Strix uralensis Tetrao urogallus Xyletinus  
tremulicola

## Target Habitat types

- 9010 - Western Taïga
- 9060 - "Coniferous forests on, or connected to, glaciofluvial eskers"

## Natura 2000 sites

SCI	SE0220106	Fjällmossen norra
SCI	SE0220126	Nynäs
SCI	SE0220213	Fräkenkärret
SCI	SE0220368	Skiren-Kvicken
SCI	SE0220369	Magsjötorp
SCI	SE0230090	Bråviken yttre
SCI	SE0230138	Åsvikelandet-Kvädö
SCI	SE0230154	Orrkojgölarnas domänreservat
SCI	SE0230176	Kärnskogsmossen
SCI	SE0240042	Römyren
SCI	SE0240043	Ställbergsmossen
SCI	SE0240048	Västeråsmossen
SCI	SE0250018	Lappland
SCI	SE0250019	Stora Flyten och Stormossen
SCI	SE0250032	Bredmossen syd
SCI	SE0250097	Fermansbo urskog
SCI	SE0250142	Rövallsmossen och Stingsmossen
SCI	SE0250172	Granhammarsbrännan
SCI	SE0310210	Stora och Lilla Fly
SCI	SE0310407	Sällevadsån (västra)
SCI	SE0310411	Solgens öar
SCI	SE0310509	Stolpaberget
SCI	SE0330036	Allgunnen
SCI	SE0330119	Bödakustens västra
SCI	SE0330121	Bödakustens östra
SCI	SE0330130	Björnnäset
SCI	SE0330132	Kvarntorpet
SCI	SE0330161	Stensryd
SCI	SE0330164	Rågö (Västerviks skärgård)
SCI	SE0610144	Brattfors brandfält
SCI	SE0610178	Brattforsheden
SCI	SE0620053	Gåsberget
SCI	SE0620082	Tenningbrändan
SCI	SE0620101	Fux-Andersknallarna
SCI	SE0620103	Haftahedarna
SCI	SE0620104	Hästingsflotten
SCI	SE0620117	Mossgräsberget
SCI	SE0620134	Skattlösbergs stormosse
SCI	SE0630042	Djupsjön-Römmaberget
SCI	SE0630072	Stora Korpimäki
SCI	SE0630100	Törnberget
SCI	SE0630108	Stensjön och Lomtjärn
SCI	SE0710033	Jämtgaveln

SCI SE0710038	Fageråsen
SCI SE0710054	Skuleskogen
SCI SE0710083	Vändåtberget
SCI SE0710086	Trolltjärn
SCI SE0710146	Oringsjö/Mo-Långsjön
SCI SE0710155	Helvetesbrännan (södra)
SCI SE0710161	Nipsippan vid Krången
SCI SE0720215	Brötarna
SCI SE0720256	Bollsberget
SCI SE0810089	Buberget
SCI SE0810099	Liksgelisen
SCI SE0810330	Stavaliden
SCI SE0810388	Västermark
SCI SE0810392	Sjulsmyrän
SCI SE0810448	Jättungsmyran
SCI SE0810452	Näsuddsberget
SCI SE0820222	Jylkkyvaara
SCI SE0820555	Tolikheden-Karkberget
SCI SE0820618	Tervavuoma
SCI SE0230363	Ågelsjön
SCI SE0230385	Bibergskärren
SCI SE0330231	Smedjevik
SCI SE0610171	Fräkensjömyrarna
SCI SE0610252	Västersjön
SCI SE0710175	Stormyrän-Lommyran
SCI SE0220504	Ormsjöbergen
SCI SE0610244	Brännan
SCI SE0630232	Klimparna
SCI SE0630245	Stora Sundsjöberget
SCI SE0630259	Ålkarstjärnarna
SCI SE0710190	Hummelvik
SCI SE0720374	Siljeåsberget
SCI SE0720445	Västansjö
SCI SE0810500	Isklinten
SCI SE0810514	Tallsjöberget
SCI SE0210368	Färnebofjärden syd

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#### Beneficiaries:

Coordinator	Administrative Board of Västmanland County
Type of organisation	Local authority
Description	The administrative board of Västmanland County; Sweden, is charged with protecting biological diversity, areas of natural beauty and with the good management of natural resources.

## Partners

Lst S(The County Administrative Board of Värmland County), Sweden Lst BD(The Administrative Board of Norrbotten County), Sweden Lst Y(The County Administrative Board of Västernorrland County), Sweden Lst AC(The County Administrative Board of Västerbotten County), Sweden Lst F(The County Administrative Board of Jönköping County), Sweden Lst W(The County Administrative Board of Dalarna County), Sweden Lst H(The County Administrative Board of Kalmar County), Sweden Lst G(The County Administrative Board of Kronoberg County), Sweden Lst T(The County Administrative Board of Örebro County), Sweden Lst D(The County Administrative Board of Södermanland County), Sweden Lst Z(The County Administrative Board of Jämtland County), Sweden Lst X(The County Administrative Board of Gävleborg County), Sweden Lst E(The County Administrative Board of Östergötland County), Sweden

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## Administrative data:

Project reference	LIFE13 NAT/SE/000065
Duration	01-JAN-2015 to 31-DEC -2019
Total budget	11,219,812.00 €
EU contribution	5,609,906.00 €
Project location	Stockholm(Sverige) Östra Mellansverige(Sverige) Småland med Öarna(Sverige) Sydsverige(Sverige) Västsverige(Sverige) Norra Mellansverige(Sverige) Mellersta Norrland(Sverige) Övre Norrland(Sverige) Baltic Sea Sverige (S)(Sverige)

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