

Detailed methodology description can be found in Ibáñez et al., 2025

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Tree species and provenances:

Spruce- *Picea abies*

Cyano- Saleby

Green- Almnäs

Grey- Lilla istad

Pine- *Pinus sylvestris*

Blue- Lycksta

Yellow- Moliden

Red- Västerhus

Plot abbreviation:

FAR	Non-salvage logging	Ambient temperature (non-open top chamber)	Removal of shrubs
FTR	Non-salvage logging	Elevated temperature (open top chamber)	Removal of shrubs
FAI	Non-salvage logging	Ambient temperature (non-open top chamber)	Non-removal of shrubs
FTI	Non-salvage logging	Elevated temperature (open top chamber)	Non-removal of shrubs
LAR	Salvage logging	Ambient temperature (non-open top chamber)	Removal of shrubs
LTR	Salvage logging	Elevated temperature (open top chamber)	Removal of shrubs
LAI	Salvage logging	Ambient temperature (non-open top chamber)	Non-removal of shrubs
LTI	Salvage logging	Elevated temperature (open top chamber)	Non-removal of shrubs
REF	Reference plot (unburned)		

File specific information:

Biomass seedlings

Unit weight in gram.

Aboveground biomass.

Height mortality seedlings

Unit height in cm.

Mortality/ survival (1/0)

Empty cells in column "Tot_height_cm" equal mortality.

Removal shrubs

Shrubs harvested in plots during the time of installation (2 June 2016) of open top chamber (OTC) and non- OTC plots.

Soil nutrients

Unit %

Organic soil- various depth

Mineral soil- 10 cm depth

Vegetation cover

Vegetation cover data in a sub-plot of a 50 x 50 cm quadrat in the center of each plot was measured on July 22-28, 2019, with a pinpoint quadrat analysis approach (Goodall et al., 1952 as used by Wardle et al., 2003) to assess post-fire recovery. Each number represent how often a specific specie was encountered out of 100 points (10x10 grid).

Empty cells indicate no observation of species.

Temperature air

Air temperature measured in plot 21 at 5 and 15 cm height. Plot abbreviations can be found in the beginning of this document. Unit Degrees Celsius.