

**Table S1.** Papers from Fennoscandian retention and restoration experiments, sorted according to experiment acronym (compare Table 1) followed by first author and publication year.

<b>Deadwood</b>	(FIRE continued)
Pasanen 2017	Hämäläinen et al. 2016
Pasanen et al. 2014	Heikkala 2016
<b>DISTDYN</b>	Heikkala et al. 2014
Jokela et al. 2018	Heikkala et al. 2016a
Jokela et al. 2019	Heikkala et al. 2016b
Koivula et al. 2014 (description)	Heikkala et al. 2017
Pasanen et al. 2019	Hyvärinen 2006
<b>Effaråsen</b>	Hyvärinen et al. 2005
Djupström and Weslien 2019 (description, in Swedish)	Hyvärinen et al. 2006
Santaniello et al. 2016	Hyvärinen et al. 2009
Santaniello 2017	Johnson et al. 2014
Santaniello et al. 2017a	Junninen et al. 2008
Santaniello et al. 2017b	Kouki 2019 (description)
<b>Erikskön</b>	Martikainen et al. 2006a
Drössler 2016 (description, in Swedish)	Martikainen et al. 2006b
<b>EVO</b>	Pitkänen et al. 2008
Berglund et al. 2011	Pitkänen et al. 2005
Komonen et al. 2014	Rodriguez Olmo 2018
Lilja et al. 2007	Rodriguez and Kouki 2015
Rudolphi et al. 2011	Rodriguez and Kouki 2017
Toivanen 2007	Salo et al. 2019
Toivanen and Kotiaho 2007a	Suominen 2018
Toivanen and Kotiaho 2007b	Suominen et al. 2015
Toivanen and Kotiaho 2010	Suominen et al. 2018
Toivanen et al. 2004 (description)	Suominen et al. 2019
Toivanen et al. 2014	Thorn et al. 2018
Toivanen et al. 2009	<b>Future Forest</b>
Vanha-Majamaa et al. 2007 (description)	Andersson et al. 2015
<b>Fagerön</b>	Hjältén et al. 2017b
Lindhe and Lindelöw 2004	Hägglund 2016
Lindhe et al. 2004	Hägglund and Hjältén 2018
<b>FIRE</b>	Hägglund et al. 2015
den Herder et al. 2009	Kärvemo et al. 2017
Eales et al. 2018	<b>Härjedalen</b>
Granath et al. 2018	Hagner 1992 (description, in Swedish)
Hämäläinen 2016	<b>Hedmark</b>
Hämäläinen et al. 2014	Fossestol and Sverdrup-Thygeson 2009

(Table S1 continues on next page)

Table S1, continued.

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<b>Medelpad-Ångermanland</b>	(PuroMONTA continued)
Perhans et al. 2009	Timonen 2011
<b>MONTA</b>	Toivanen et al. 2004 (description)
Heliölä et al. 2001	<b>RETREE</b>
Jalonen and Vanha-Majamaa 2001	Hautala 2008
Kaila 1998 (description, in Finnish)	Hautala and Vanha-Majamaa 2006
Koivula 2001	Hautala et al. 2004
Koivula 2012	Hautala et al. 2011
Koivula 2002a	Matveinen-Huju 2007
Koivula 2002b	Matveinen-Huju et al. 2006
Koivula and Niemelä 2003	Matveinen-Huju et al. 2009
Koivula et al. 2019	Vanha-Majamaa and Hautala 2010 (description)
Matveinen-Huju 2007	Vanha-Majamaa and Jalonen 2001
Matveinen-Huju and Koivula 2008	<b>Rogberga</b>
Niemelä et al. 2007	Drössler 2016 (description, in Swedish)
Pietikäinen et al. 2003	<b>Shelterwood</b>
Pihlaja et al. 2006	Tullus et al. 2018
Siira-Pietikäinen 2002	Tullus et al. 2019
Siira-Pietikäinen et al. 2001	<b>Snöberget</b>
Siira-Pietikäinen and Haimi 2009	Hedenås and Ericson 2003
Vanha-Majamaa and Jalonen 2001	Hedenås and Ericson 2008
Vanha-Majamaa et al. 2017	<b>Spruce CWD</b>
<b>NaturKultur</b>	Olsson et al. 2011
Drössler 2016 (description, in Swedish)	Gibb et al. 2006
<b>Oak forest</b>	Johansson et al. 2006
Götmark 2007	<b>UNEVEN</b>
Götmark et al. 2005	Hjältén et al. 2017a
Paltto et al. 2006	Joelsson 2017
Paltto et al. 2008	Joelsson et al. 2017
Nordén et al. 2008	Joelsson et al. 2018a
Nordén et al. 2012	Joelsson et al. 2018b
Franc and Götmark 2008	<b>UPM</b>
Gran and Götmark 2019	Rabinowitsch-Jokinen and Vanha-Majamaa 2010
Økland et al. 2008	Rabinowitsch-Jokinen et al. 2012
<b>PuroMONTA</b>	
Oldén et al. 2019a	
Oldén et al. 2019b	
Selonen 2014	
Selonen and Kotiaho 2013	
Selonen et al. 2011	

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