

Table 2.3 Characteristics of the complementary sites of the NIPHYS/CANIF project. -indicates no data or soil layer missing.

Country	Sweden				Denmark	Czech Republic	Germany		France			Italy
Site	Norrliden	Stråsan	Andersby	Andersby	Sorø	Salacova Lhota	Ebrach	Wülfers-reuth	Aubure	La Clape	Thezan	Renon
Site abbreviation	Nor	Str	AnP	AnQ	Sor	SLP	Ebr	Wül	AuP45	LaC	ThQ	Ren
Location	64°21'N 19°46'E	60°55'N 16°01'E	60°09'N 17°49'E	60°09'N 17°49'E	55°29'N 11°38'E	49°31'N 14°59'E	49°52'N 10°29'E	50°04'N 11°46'E	48°12'N 07°11'E	43°09'N 03°08'E	43°07'N 02°45'E	46°36'N 11°28'E
Elevation [m a.s.l.]	260	350	30	30	40	557-744	440	670	1020	90	170	1720
Species	<i>Pinus sylvestris</i>	<i>Picea abies</i>	<i>Picea abies</i>	<i>Quercus robur</i>	<i>Fagus sylvatica</i>	<i>Picea abies</i>	<i>Fagus sylv.</i> / <i>Q. petraea</i>	<i>Picea abies</i>	<i>Picea abies</i>	<i>Pinus halepensis</i>	<i>Quercus pubesc.</i>	<i>Picea abies.</i>
Type of stand	Planted	Planted	Natural regener.	Natural regener.	Natural regener.	Planted	Planted	Planted	Planted	Natural regener.	Natural regener.	Natural regener.
Stand age (in 1995)	44	42	80	150	80	87	30	15	45		>100	80
Field layer ^a	Moderate Vv, Vm, mosses	Moderate Vv, Vm, mosses	Sparse Oa, mosses	Moderate Hn, An	Sparse An, Mp, grasses	Sa, Df, Cv, Vm, Aa, Ga, Po	None	Dense Vm, Ca, Df	None	Jo, Jp, Qi	Es, Jo	Moderate Vm, Vv, Ms, Ha, Hs
Climate ^b	b	b	bn	bn	ho	hc	hc	hc	ho	m	m	mo
Mean air temp.	1.2	3.2	5.5	5.5	8	6	7.5	5.9	5.4	14.8	14.4	4
Annual mean precip.	595	740	570	570	630	685	750	1072	1192	587	578	1010
Bud break	Early June	Early June	Late May	Mid-May	Apr-May	Early May	Early May	Late April	Late April	?	?	?
Soil type	Orthic podzol	Orthic podzol			Luvisol	Dystic/eutr. cambisol	Cambisol	Spodo-dyst. cambisol	Dystic cambisol	Chromic luvisol	Chromic luvisol	?
Soil pH (H ₂ O) FH layer	3.98	4.12	5.04	-	-	3.98	4.5	3.8	3.77	4.71	-	?
Soil pH (H ₂ O) (0-10cm)	4.61	4.40	no data	5.84	4.62	4.21	4.5	4.0	3.45	7.3	6.47	?

^a : Aa=*Athyrium alpestre*, An=*Anemone nemorosa*, Ca=*Calluna vulgaris*, Cv=*Calamagrostis villosa*, Df=*Deschampsia flexuosa*, Es=*Erica scoparia*, Ga=*Galium* sp, Ha=*Homogyne alpina*, Hn=*Hepatica nobilis*, Hs=*Hieracium sylvaticum*, Jo=*Juniperus oxycedrus*, Jp=*Juniperus phoenicea*, Mp=*Mercurialis perennis*, Ms=*Melampyrum sylvaticum*, Oa=*Oxalis acetosella*, Po=*Polystichum spinulosum*, Qi=*Quercus ilex*, Sa=*Sorbus aucuparia*, Vm=*Vaccinium myrtillus*, Vv=*Vaccinium vitis-idaea*

^b b: Boreal, bn: Boreo-nemoral, ho: Humic oceanic, hc: humic continental, m: Mediterranean, mm: montane Mediterranean, mo: montane