

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude		N/S	Longitude	E/W	ttude(m)	Plant year	Plants	
38	NA	5	307	1991	Picea glauca	NW - Haines Jct., Yukon	60	45	46	149	10	W	0	1992	5
37	NA	5	407	1984	Picea jezoensis	Kabarovsk, Rusland	0	0	1	137	30	W	1000	1992	47
267	NA	6	390	1991	Larix sibirica var. sukaczewii	Proveniens Ôstteg; Sverige ex Archangelsk				146°	17'	W	40	1991	10
318	NA	6	458	1988	Tsuga mertensiana	Valdez, Alaska	61°	07'	07'	27°	20'	E		1984	10
392	A	1	644	1993	Abies lasiocarpa	Manning, B.C.								1994	55
387	A	1	117	1995	Alnus fruticosa	Kamchatka								1997	6
388	A	1	118	1995	Alnus hirsuta	Kosyrevsk, Kamchatka								1997	6
697	A	1	338	1994	Betula pendula	Jakutien								1998	6
	A	1	183		Larix									2001	4
155	A	1	565	1992	Larix sibirica var. sukaczewii	Pinega, Arkhangelsk								1992	
449	A	1	238	1994	Lonicera xylosteum	Liimanikoski, Finland								1998	5
722	A	1			Lupinus nootkatensis	Iceland, ex. Alaska, USA (seed from Icel	60	0	N	150	0	W	0	1994	seed
391	A	1	29	1994	Picea abies	Uusimaa, Elimäki, Finland								1997	32
393	A	1	537	1993	Picea glauca	Lac Tesialuk, Quebec								1994	85
390	A	1	61	1993	Pinus sylvestris	Valkeisjärvi, Oulu, N. Finland								1997	10
9	A	1	129	1991	Populus tremula	Haugastøl, Geilo, Norge	30	30	N	7	50	E	1000	1991	5
10	A	1	462	1987	Populus tremula	Kirkenes, Norge	70	0	N	29	0	E		1992	43
2	A	1	509	1988	Populus tremuloides	E. Willow, Alaska	61	42	N	150	8	W	0	1991	30
3	A	1	340	1991	Populus tremuloides	Eagle Hwy., Alaska	64	20	N	141	20	W	1100	1992	4
4	A	1	342	1991	Populus tremuloides	Mt. Fairplay, Taylor Hwy., Alaska	63	30	N	142	30	W	1000	1992	4
11	A	1	136	1990	Prunus padus	Lillehammer, Norge	61	8	N	10	30	E	140	1992	3
1	A	1	440	1988	Rosa acicularis	Haines, Alaska	59	19	N	150	45	W	10	1992	3
704	A	1	321	1994	Rosa amblyotis	Magadan								1998	5
389	A	1	708	1993	Sorbus scopulina	Trapper Peak								1997	3
14	A	2	77	1988	Abies lasiocarpa	Tuusula no. 57, Finland	0	0		0	0		0	1991	30
12	A	2	79	1988	Larix gmelinii	Punkaharju no. 10, Finland	0	0		0	0		0	1991	22
155	A	2	565	1992	Larix sibirica var. sukaczewii	Pinega, Arkhangelsk								1992	
13	A	2	457	1988	Picea sitchensis	Alyeskana Terminal, Valdez, Alaska	61	7	N	146	17	W	40	1991	10
15	A	3	80	1988	Larix gmelinii var. Olgensis	N - Kina	0	0		0	0		800	1991	30
155	A	3	565	1992	Larix sibirica var. sukaczewii	Pinega, Arkhangelsk								1992	
625	A	3	28	1994	Picea abies	Luopioinen, N-Finland								1998	15
16	A	3	329	1991	Picea glauca	Sheep Trail, Dempster Hwy, Y.T.	65	10	N	138	10	W	900	1992	20
17	A	3	166	1988	Picea meyeri	Kina	45	0	N	126	0	E	0	1991	10
18	A	3	374	1990	Pinus sylvestris	Hjerkinn, Norge	62	14	N	9	29	E	1000	1991	4
394	A	3	608	1993	Populus tremuloides	Churchill, Manitoba								1996	5

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude		N/S	Longitude		E/W	ttude(m)	Plant year	Plants		
412	A	4	561	1993	Abies balsamea	Mt. Washington, NH								1994	75		
33	A	4	392	1991	Abies lasiocarpa	Akureyri, Island. Opr. NV Amerika. Lær	0	0		0	0		0	1991	1		
	A	4	662	1993	Abies lasiocarpa	Canada								2004	3		
28	A	4	398	1991	Alnus incana	Måtsele, Sverige	0	0		0	0		0	1991	1		
	A	4			Alnus incana	Vesterbubben, Sverige	60		N	17		E	ca. 400	2005	2		
20	A	4	416	1988	Amelanchier anifolia	Little Atlin Lake, Yukon	60	15	N	133	55	W	750	1991	3		
404	A	4	701	1996	Betula ermannii	Azabachye Lake, Kamchatka							90m	1997	6		
400	A	4	370	1994	Betula ermannii	Kamchatka								1996	5		
401	A	4	333	1994	Betula platyphylla	kamchatka								1996	10		
403	A	4	704	1996	Betula platyphylla	Paratunka, Kamchatka								1997	6		
413	A	4	475	1993	Betula pubescens	Fokstua, Dovre							1000m	1994	50		
	A	4			Betula pubescens	Vesterbubben, Sverige	60		N	17		E	ca. 400	2005	4		
	A	4			Betula pubescens var. rubra	Heinola, Ylikiiminki, Finland	65	5	6					2004	2		
21	A	4	525	1988	Elaeagnus commutata	Granite Creek, Alaska	61	42	N	148	53	W	130	1991	5		
	A	4			Frageria									2005	1		
	A	4			Geranium himayelensis									2005	1		
407	A	4	961	1996	Larix decidua	Rax Alpen, Austria							1400m	1997	25		
396	A	4	598	1993	Larix laricina	Churchill R., Manitoba								1994	40		
396	A	4	598	1993	Larix laricina	Churchill R., Manitoba								1996	20		
414	A	4	626	1993	Larix lyallii	Larch Valley, Alberta								1994	50		
	A	4			Larix occidentalis	Island								2005	30		
	A	4			Larix sibirica	Siberia								1971	50		
	A	4			Larix sukaczewii x decidua x ka	Island								2005	30		
26	A	4	98	1988	Lonicera altacia	Ust-Sema, Katun River, Altai, Rusland (d	0	0		0	0		280	0	0		
19	A	4	104	1988	Lonicera altaica	Mt. Sarlyk, Altai, Rusland	0	0		0	0		2000	1991	5		
	A	4			Picea abies	Granvin, Bulkovegen, Hordaland, Norwa	60	58	5	58	6	6	41	E	400	2004	7
34	A	4	307	1989	Picea abies	Mo i Rana, Norge	66	0	N	14	0	E	150	1989	10		
	A	4			Picea abies	Oppland fylke, Norway				6	6	41	E	280-290	2004	20	
408	A	4	962	1996	Picea abies	Rax Alpen, Austria							1400	1997	5		
395	A	4	681	1993	Picea engelmannii	Kootenay Pass								1996	5		
29	A	4	395	1991	Picea engelmannii	Rio Grande del Norte, Colorado	37	30	N	0	0		0	1991	2		
30	A	4	396	1991	Picea glauca	Anchorage, Alaska	61	13	N	149	52	W	0	1991	2		
23	A	4	354	1991	Picea glauca	Murphy Dome, Fairbanks, Alaska	64	49	N	147	52	W	700	1992	25		
402	A	4	364	1994	Picea jezoensis	Kamchatka								1996	15		
	A	4	316	1994	Picea jezoensis	Kamchatka, Russia								2004	1		

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405	A	4	316	1994	<i>Picea jezoensis</i>	Kosyrensk, Kamchatka						220	1997	5		
409	A	4	409	1994	<i>Picea obovata</i>	Altai, Russia							1997	5		
32	A	4	393	1991	<i>Picea sitchensis</i>	Seward, Alaska. Mogilsá no. 880003, Isl	60	30	N	0	0	0	1991	2		
35	A	4	308	1989	<i>Picea x lutzii</i>	Kenai Peninsula, Alaska	60	0	N	150	0	W	0	1989	30	
	A	4	379	1998	<i>Pinus cembra</i>	Julier Pass East, Switzerland							2004	3		
398	A	4	442	1994	<i>Pinus cembra</i>	Tyrol							1996	25		
	A	4			<i>Pinus cembra</i>	Tyrol							2005	2		
750	A	4	663	1993	<i>Pinus contorta</i>								2000	3		
31	A	4	397	1991	<i>Pinus contorta</i> var. <i>latifolia</i>	Bennet Lake, B.C.	59	55	N	134	59	W	0	1991	2	
415	A	4	479	1993	<i>Pinus sylvestris</i>	Bottheim setre							1994	20		
	A	4			<i>Pinus sylvestris</i>	Voss, Hamlagro, Hordaland, Norway	60	35	7	35	26	2	E	70	2004	3
	A	4	152	1999	<i>Pinus sylvestris</i> var. <i>mongolica</i>	Mongolia							2004	1		
	A	4			<i>Populus tremula</i>	Island				108	21	E		2004	2	
3	A	4	340	1991	<i>Populus tremuloides</i>	Jack Wade, Eagle Hwy.							1994	4		
22	A	4	480	1988	<i>Potentilla fruticosa</i>	glenallen, Alaska	62	7	N	145	32	W	700	1992	3	
	A	4			<i>Prunus padus</i> var. <i>borealis</i> 'Laila'	Kukkula, Tomedalen							2004	2		
	A	4	382	1998	<i>Ribes rubrum</i>	Switzerland							2004	1		
24	A	4	15	1982	<i>Rosa acicularis</i>	girdwood, Alaska	60	57	N	149	10	W	20	1992	1	
25	A	4	115	1987	<i>Rosa majalis</i>	Kåddis, Sverige	63	51	N	20	6	E	0	1992	1	
27	A	4	506	1991	<i>Salix phylicifolia</i>	NV Island	65	30	N	21	30	W		1991	6	
406	A	4	551	1993	<i>Shepherdia canadensis</i>	Kuujuak, Quebec							1997	6		
411	A	4	242	1994	<i>Sorbus aucuparia</i>	Oulu, N. Finland							1997	4		
	A	4			<i>Sorbus aucuparia</i>	Wilhelmina, Sverige	64	45	N	16	45	E	ca.200			
	A	4	302	1999	<i>Sorbus microphylla</i>	Biddra Khola, Nepal						750-849	2004	20		
410	A	4	688	1993	<i>Sorbus scopulina</i>	Harts Pass						2000	1997	6		
	A	4	257	2000	<i>Spirea salicifolia</i>	Tilichiki, Kamchatka, Russia							2004	1		
	A	4			<i>Spireae</i> sp.	Cape Bolshaya, Baykal Lake, Irkutskaya,	54	10	11	108	33	E		2004	1	
	A	4			<i>Spireae</i> sp.	Cape Sibyr, Baykal Lake, Irkutskaya, Ru	54	27	28					2004	1	
42	A	5	408	1988	<i>Abies lasiocarpa</i>	Warm Bay, Atlin, B.C.	59	50	N	133	30	W	800	1991	7	
421	A	5	331	1994	<i>Betula ermannii</i>	Magadan						80m	1997	10		
418	A	5	703	1996	<i>Betula platyphylla</i>	Mikovo, Kamchatka						450m	1997	4		
39	A	5	155	1988	<i>Larix gmelinii</i>	N - Kina	0	0		0	0	800	1991	20		
	A	5			<i>Larix lyallii</i>	?, seed lot 201018, to be informed from Iceland							2003	64		
	A	5			<i>Larix sibirica</i> var. <i>sukaczewii</i>	Lassima ex. Raivola, Finland							2003	32		

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155	A	5	565	1992	Larix sibirica var. sukaczewii	Pinega, Arkhangelsk							1992		
150	A	5	390	1991	Larix sibirica var. sukaczewii	Prov. Östteg, Sverige. Arkhangelsk							1991		
41	A	5	381	1990	Picea abies	Sollia, Norge	61	45	N	10	23	E	800	1991	30
	A	5			Picea engelmannii	Rio Grande del Norte (s.1.990015), Colorado, USA							2003	63	
37	A	5	307	1991	Picea glauca	NW - Haines Jct., Yukon	60	45	N	137	30	W	1000	1992	47
36	A	5	407	1984	Picea jezoensis	Kabarovsk, Rusland	0	0		0	0		0	1991	4
402	A	5	364	1994	Picea jezoensis	Kamchatka								1997	15
405	A	5	316	1994	Picea jezoensis	Kamchatka								1996	15
40	A	5	380	1990	Pinus sylvestris	Folldal, Norge	62	8	N	10	0	E	0	1991	10
	A	5			Pseudotsuga menziesii	Summit lake							2006	39	
419	A	5	72	1994	Sorbus commixta	Hokkaido						900m	1997	5	
422	A	5	674	1993	Sorbus scopulina	Mt. Revelstoke, B.C.						1900m	1997	6	
	A	5	674	1993	Sorbus scopulina	Mt. Revelstoke, B.C.							2003	64	
38	A	5	502	1988	Tsuga mertensiana	Girdwood, Alaska	60	57	N	149	10	W	0	1992	5
43	A	6	438	1985	Abies lasiocarpa	Haines - området, SE Alaska	59	15	N	135	30	W		1990	2
48	A	6	430	1988	Abies lasiocarpa	Keno Hill, Yukon, Alaska	63°	55'	N	135°	16'	W	1150m	1990	18
60	A	6	431	1988	Abies lasiocarpa	N- canol Rd., Yukon	62°	40'	N	131°	08'	W	1000m	1991	15
53	A	6	410	1988	Abies lasiocarpa	Ross river, N-Canol Rd., Yukon	62°	40'	N	131°	08'	W	1000m	1990	8
400	A	6	370	1994	Betula ermanii	Kamchatka						650m	1997	5	
401	A	6	333	1994	Betula platyphylla	Paratunske, Kamchatka							1997	4	
426	A	6	787	1993	Cornus alba	Jakutien							1997	10	
46	A	6	446	1985	Larix laricina	Delta Junction, Alaska	64°	13'	N	145°	57'	W	305m	1990	6
	A	6			Larix laricina	Shaw Creek							2006	40	
	A	6		2003	Larix lyallii	?, seed lot 201018, to be informed from Iceland							2003	16	
59	A	6	86	1988	Larix sibirica var. sukaczewii	Archangelsk distrikt, rusland	ca.63°		N	41°		E		1991	18
	A	6			Larix sibirica var. sukaczewii	Lassima ex. Raivola, Finland							2003	16	
739	A	6	406	1998	Picea abies								2000	6	
	A	6	406	1998	Picea abies								2003	16	
57	A	6	202	1985	Picea engelmannii	Stanly, Idaho	44°	13'	N	114°	55'	W	2200m	1990	9
51	A	6	139	1987	Picea glauca	Hudson Hope, B.C., Canada	56°	03'	N	121°	59'	W	50-800m	1990	12
49	A	6	445	1985	Picea glauca	Kenai Peninsula, Alaska	60°	30'	N	150°	45'	W	75m	1990	18
425	A	6	506	1993	Picea jezoensis	Kamchatka							1997	15	
58	A	6	197	1986	Picea schrenkiana	Sinkiang, Kina	44°		N	89°		E		1991	6

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	A	6			Pinus cembra	Tomsk, Russia							2006	40	
50	A	6	451	1985	Pinus contorta var. contorta	Haines, Alaska	59°	19'	N	150°	45'	w		1990	19
56	A	6	172	1988	Pinus contorta var. contorta	Thorne river, Alaska	55°	40'	N	132°	45'	W	80m	1990	10
54	A	6	210	1985	Pinus contorta var. contorta	Yakutat, Alaska	59°	30'	N	139°	10'	W		1990	10
44	A	6	433	1985	Pinus contorta var. latifolia	Carmacks, Yukon	62°	10'	N	136°	20'	W	500m	1990	6
52	A	6	434	1985	Pinus contorta var. latifolia	Stewart Crossing, Yukon	63°	20'	N	135°	40'	W	610m	1990	9
47	A	6	460	1987	Pinus sylvestris	Pasvikdalen, Kirkenes, Norge	69°	30'	N				100m	1990	20
61	A	6	382	1990	Pinus sylvestris	Trysilfjell, Norge	61°	22'	N	12°	16'	E	00-900m	1991	18
55	A	6	784	1985	Pinus sylvestris	Åkäsloppolo, Kolari N - Finland	67°	30'	N				300m	1990	4
45	A	6	402	1988	Populus balsamifera/trichocarpa	Byers Lake, Parks Hwy., mile 147, Alaska	62°	45'	N				250m	1990	10
424	A	6	217	1991	Ribes atropurpureum	Krasnojarsk								1997	2
427	A	6	315	1994	Ribes bracteosum	Island - Alaska 85								1997	3
423	A	6	241	1994	Sorbus aucuparia	Hietesari, Oulu, Finland								1997	10
76	A	7	365	1971	Abies lasiocarpa	Bighorn Mts., Wyoming	44°	20'	N	107°	24'	W	2700m	1976	1
66	A	7	371	1971	Abies lasiocarpa	Hungry Horse, Montana							1400m	1976	2
69	A	7	416	1971	Abies lasiocarpa	Red Mt. Pass, Colorado	37°	56'	N	107°	40'	W	3000m	1976	1
42	A	7	408	1988	Abies lasiocarpa	Warm Bay, Atlin, B.C.	59°	20'	N	133°	30'	W	800m	1991	7
167	A	7	376	1990	Betula pubescens var. tortuosa	Hjerkinn, Norway	62°	14'	N	9°	29'	E	900m	1994	20
666	A	7	590	1996	Chamaecyparis nootkatensis	Cedar Bay, Alaska								1998	6
78	A	7	408	1984	Larix gmelinii	Kabarovsk, Rusland	48°	30'	N	135°	05'	E		1987	3
155	A	7	565	1992	Larix sibirica var. sukaczewii	Pinega, Arkhangelsk								1992	
150	A	7	390	1991	Larix sibirica var. sukaczewii	Prov. Östteg, Sverige. Arkhangelsk								1991	
41	A	7	381	1990	Picea abies	Sollia, Norge	61°	46'	N	10°	23'	E	800m	1991	30
65	A	7	388	1971	Picea engelmannii	Jackson, Wyoming	43°	02'	N	110°	32'	W	2400m	1976	1
73	A	7	394	1971	Picea engelmannii	Spanish Peaks, Colorado	37°	21'	N	105°	04'	W	3100m	1976	1
68	A	7	383	1971	Picea engelmannii	White Mt. Res., Arizona	34°	05'	N	109°	38'	W	3000m	1976	1
70	A	7	379	1971	Picea glauca	Black Hills, South Dakota	44°	20'	N	103°	50'	W	1700m	1976	3
87	A	7	320	1991	Picea glauca	Little Gold Creek, Yukon	60°	00'	N	141°	00'	W	1400m	1992	10
67	A	7	393	1991	Picea pungens	Vernal, Utah	40°	44'	N	109°	40'	W	2800m	1976	1
79	A	7	377	1991	Picea x lutzii	Crow Pass, Alaska	60°	57'	N	149°	10'	W	400m	1992	17
333	A	7	351	1988	Picea x lutzii	Kenai Peninsula, Alaska								2000	2
77	A	7	32	1967	Pinus cembra var. sibirica	Khakassia, Sibirien							800m	1976	1
71	A	7	31	1967	Pinus cembra var. sibirica	Turan, Sibirien								1976	2
62	A	7	431	1971	Pinus contorta var. Latifolia	Cold Springs, Laramie Mts., Wyoming							2400m	1976	1
63	A	7	430	1971	Pinus contorta var. latifolia	Fairplay, Colorado							3200m	1976	1

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75	A	7	424	1971	Pinus contorta var. latifolia	Stanley, Idaho						2200m	1976	1	
72	A	7	20	1971	Pinus pumila	Osernovsk, Kamchatka							1976	1	
40	A	7	380	1990	Pinus sylvestris	Folldal, Norge	62°	08'	N	10°	00'	E	750m	1991	10
740	A	7	401	1998	Pinus sylvestris								2000	1	
84	A	7	423	1987	Populus balsamifera	Ivittuut, South Greenland (cuttings). ex. Alaska							1987	10	
80	A	7	304	1985	Populus trichocarpa	Akureyri, Island, ex Alaska (hunlig klon)							1987	2	
	A	7			Populus trichocarpa 'Kaisari'	Copper River Delta, near Cordova, Alaska							1995	2	
693	A	7	73	1993	Prunus padus	Tännäsdalen, Härjedalen							1998	5	
64	A	7	307	1976	Pseudotsuga menziesii	Mustila Arboretum, finland. ex Upper Fraser River, B.C. Canada							1976	2	
427	A	7	315	1994	Ribes bracteosum	Alaska							1998	2	
436	A	7	554	1993	Ribes glandulosum	Kuujuak, Quebec							1997	3	
435	A	7	610	1993	Ribes hudsonianum	Churchill, Manitoba							1997	3	
437	A	7	322	1994	Rosa amblyotis	Kamchatka							1997	4	
438	A	7	378	1994	Rosa jakutica	Kamchatka						750m	1997	3	
433	A	7	240	1994	Rosa majalis	Kil, Kolari, N-Finland							1997	1	
434	A	7	622	1993	Rosa woodsii	Bow R., Calgary							1997	6	
82	A	7	310	1985	Salix alaxensis	Akureyri, Island (klon S.24) ex Alaska							1987	2	
86	A	7	313	1985	Salix borealis	Akureyri, Island (hanlig klon)							1987	2	
83	A	7	316	1985	Salix borealis	Akureyri, Island (hunlig klon)							1987	2	
85	A	7	305	1985	Salix phylicifolia	Akureyri, Island (cultivar)							1987	2	
81	A	7	311	1985	Salix viminalis	Akureyri, Island (Cultivar: Kiruna, Sverige)							1987	2	
717	A	7	682	1993	Sambucus callicarpa	Kootenay Pass							1998	2	
694	A	7	819	1993	Sorbus amurensis	Cult. Kwangung Arboret, Korea							1998	4	
432	A	7	13	1992	Sorbus sitchensis	Crow Pass, Alaska							1997	2	
431	A	7	288	1993	Sorbus x hostii	Reykjavik Bot. H.							1997	2	
712	A	7	629	1993	Thuja plicata	Doglooth Range							1998	1	
	A	7	444		Tsuga								2001	6	
430	A	7	444	1994	Tsuga mertensiana	Lewis R. Wash.							1996	8	
48	A	8	430	1988	Abies lasiocarpa	Keno Hill, Yukon	63°	55'	N	135°	20'	W	1150m	1990	18
120	A	8	41	1982	Abies lasiocarpa	Keno Hill, Yukon	63°	57'	N	135°	15'	W	1100m	1987	16
53	A	8	410	1988	Abies lasiocarpa	Ross river, N-Canol Rd., Yukon	62°	40'	N	131°	08'	W	1000m	1990	8
43	A	8	438	1985	Abies lasiocarpa	SE, Alaska	ca. 59°		N				1990	2	
42	A	8	408	1988	Abies lasiocarpa	Warm Bay, Atlin, B.C.	59°	20'	N	133°	30'	W	800m	1991	7
453	A	8	119	1994	Betula ermanii	Azabachye, Kamch.						90m	1997	5	
447	A	8	337	1994	Betula pendula	Gällivare							1998	4	

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude	N/S	Longitude	E/W	ttude(m)	Plant year	Plants
447	A	8	337	1994	Betula pendula	Koskukulle, Gällivare						1997	10
452	A	8	319	1994	Betula platyphylla	Kamchatka					450m	1997	10
442	A	8	258	1995	Betula pubescens	Høvringen, Rondane					940m	1997	10
456	A	8	248	1994	Betula pubescens	Oppdal	64°	N				1995	40
	A	8			Castania dentata	New York, USA						2006	1
455	A	8	618	1993	Cornus stolonifera	Gillam, Manitoba						1997	10
	A	8	267		Larix							2001	155
	A	8		2003	Larix decidua	La Punt, Granbünden, Switzerland						2003	192
	A	8		2003	Larix decidua	La Punt, Granbünden, Switzerland						2003	36
729	A	8	387	1998	Larix decidua							2000	67
46	A	8	446	1985	Larix laricina	Delta Junction, Alaska	64° 02'	N	145°	42' W	200m	1990	6
	A	8			Larix occidentalis	seed lot: LN-FO61-2004						2006	40
155	A	8	565	1992	Larix sibirica var. sukaczewii	Pinega, Arkhangelsk						1992	
399	A	8	565	1992	Larix sibirica var. sukaczewii	Pinega, Arkhangelsk						1997	5
150	A	8	390	1991	Larix sibirica var. sukaczewii	Prov. Östteg, Sverige. Arkhangelsk						1991	
445	A	8	236	1993	Lonicera coeruka edulis							1997	5
449	A	8	238	1994	Lonicera xylosteum	Liimannikoski, Oulu						1997	10
	A	8			Malus prunifolia var. prinifolia	North East Asia						2006	1
446	A	8	231	1994	Picea abies	Haukipudas, Dulu, Finland						1997	50
41	A	8	381	1990	Picea abies	Sollia, Norge	61° 46'	N	10°	23' E	800m	1991	30
117	A	8	390	1971	Picea engelmannii	Laramie Mts., Cold Springs, Wyoming	42° 29'	N	105°	50' W	2400m	1987	80
57	A	8	202	1985	Picea engelmannii	Stanley, Idaho	44° 19'	N	115°	08' W	2200m	1987	20
57	A	8	202	1985	Picea engelmannii	Stanley, Idaho	44° 13'	N	150°	55' W	2200m	1990	9
134	A	8	205	1985	Picea engelmannii x glauca	E. Hamilton, Montana	46° 16'	N	113°	46' W	2400	1987	80
109	A	8	209	1985	Picea engelmannii x glauca	Highwood Smt., Alberta	50° 20'	N	114°	30' W	2300m	1987	60
113	A	8	441	1985	Picea glauca	Alaska Hwy. mile 1312	63° 20'	N	142°	29' W	490m	1987	60
131	A	8	22	1982	Picea glauca	Arctic Village, Alaska	68° 07'	N	145°	32' W	750m	1987	5
127	A	8	46	1982	Picea glauca	Boundary, Yukon	64° 06'	N	140°	39' W	1000m	1987	6
121	A	8	43	1982	Picea glauca	Dawson, Yukon	64° 05'	N	139°	27' W	370m	1987	150
123	A	8	44	1982	Picea glauca	Dawson, Yukon	64° 05'	N	139°	27' W	370m	1987	8
115	A	8	430	1985	Picea glauca	Gulkana, Alaska	62° 16'	N	145°	23' W	427m	1987	100
132	A	8	378	1971	Picea glauca	Highwood Mts., Montana	47° 25'	N	110°	35' W	1600m	1987	40
51	A	8	139	1987	Picea glauca	Hudson Hope, B.C.	56° 03'	N	121°	59' W	50-800m	1990	12
49	A	8	445	1985	Picea glauca	Kenai Peninsula, Alaska	60° 30'	N	150°	45' W	75m	1990	18
111	A	8	38	1982	Picea glauca	Robertson River, Tok, Alaska	62° 20'	N	142°	24' W	300m	1987	80

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude		N/S	Longitude	E/W	ttude(m)	lant year	Plants	
119	A	8	444	1985	<i>Picea glauca</i>	Standard Creek, Alaska	64°	48'	N	148°	00'	W	210m	1987	100
125	A	8	439	1985	<i>Picea glauca</i> x <i>sitchensis</i>	Seward, Alaska	60°	06'	N	149°	26'	W	50m	1987	40
133	A	8	34	1982	<i>Picea mariana</i>	Steese Hwy., w 12 mile Smt, Alaska	65°		N			850m	1987	6	
767	A	8	562	1993	<i>Picea rubens</i>								2000	1	
728	A	8	596	1996	<i>Pinus banksiana</i>								2000	22	
124	A	8	648	1986	<i>Pinus cembra</i> var. <i>sibirica</i>	Mongolia							1987	10	
118	A	8	210	1985	<i>Pinus contorta</i>	Yacutat, Alaska	59°	30'	N	139°	10'	W	50m	1987	100
114	A	8	40	1982	<i>Pinus contorta</i> ssp. <i>latifolia</i>	Stewart Crossing, Yukon	63°	32'	N	136°	22'	W	480m	1987	100
50	A	8	451	1985	<i>Pinus contorta</i> var. <i>contorta</i>	Haines, Alaska	59°	19'	N	135°	53'	W	240m	1987	80
50	A	8	451	1985	<i>Pinus contorta</i> var. <i>contorta</i>	Haines, Alaska	59°	19'	N	135°	53'	W	240m	1990	19
56	A	8	172	1988	<i>Pinus contorta</i> var. <i>contorta</i>	Thorne River, SE Alaska	55°	40'	N	132°	45'	W	80m	1990	10
54	A	8	210	1985	<i>Pinus contorta</i> var. <i>contorta</i>	Yacutat, Alaska	59°	30'	N	139°	10'	W	ca. 50m	1990	10
44	A	8	433	1985	<i>Pinus contorta</i> var. <i>latifolia</i>	Carmacks, Yukon	62°	10'	N	136°	20'	W	ca.500m	1987	50
44	A	8	433	1985	<i>Pinus contorta</i> var. <i>latifolia</i>	Carmacks, Yukon	62°	10'	N	136°	20'	W	720m	1990	6
52	A	8	434	1985	<i>Pinus contorta</i> var. <i>latifolia</i>	Stewart Crossing, Yukon	63°	20'	N	136°	40'	W	610m	1987	100
52	A	8	434	1985	<i>Pinus contorta</i> var. <i>latifolia</i>	Stewart Crossing, Yukon	63°	20'	N	136°	40'	W	610m	1990	9
	A	8			<i>Pinus mugo</i>	South Tirol, Italy							2006	23	
	A	8			<i>Pinus sylvestris</i>	Cairn Gorm, Scotland							2006	1	
40	A	8	380	1990	<i>Pinus sylvestris</i>	Folldal, Norge	62°	08'	N	10°	00'	E	750m	1991	10
126	A	8	483	1983	<i>Pinus sylvestris</i>	Haukelifjell, Vågslid, Hardanger, Norway	59°	46'	N	7°	25'	E	780m	1987	21
130	A	8	396	1983	<i>Pinus sylvestris</i>	Høvringen, Rondane, Norge	ca. 61°	40'	N	9°	30'	E	900m	1987	3
47	A	8	460	1987	<i>Pinus sylvestris</i>	Pasvikdalen, Kirkenes, Norge	69°	30'	N				100m	1990	20
128	A	8	484	1983	<i>Pinus sylvestris</i>	Vøringfos, Hardanger, Norge	60°	25'	N	7°	15'	E	700m	1987	13
55	A	8	784	1985	<i>Pinus sylvestris</i>	Äkäslompolo, Kolari N - Finland	67°	30'	N				300m	1990	4
110	A	8	214	1985	<i>Pinus sylvestris</i> var. <i>mongolica</i>	Hulun-Bayr, Inner Mongolia	48°		N	117°		E	500m	1987	80
772	A	8	547	1993	<i>Populus balsamifera</i>								2000	4	
	A	8	547	1993	<i>Populus balsamifera</i>								2003	192	
45	A	8	402	1988	<i>Populus balsamifera/trichocarpa</i>	Byers Lake, Parks Hwy. mile 147 Alaska	62°	45'	N				250m	1990	10
	A	8			<i>Populus trichocarpa</i>	Halla							2001	120	
	A	8			<i>Populus trichocarpa</i>	Hallormsstad							2001	33	
	A	8			<i>Populus trichocarpa</i>	Kenai							2001	140	
450	A	8	239	1994	<i>Prunus padus</i>	Kukkulankoski, Tornio							1997	10	
448	A	8	25	1994	<i>Ribes alpinum</i>	Hattula, N-Finland							1997	15	
443	A	8	590	1993	<i>Ribes hudsonianum</i>	Churchill R., Manitoba							1997	3	
454	A	8	63	1993	<i>Ribes spicatum</i>	Isterinkoski, Oulu							1997	10	



ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude		N/S	Longitude		E/W	ttude(m)	Plant year	Plants
440	A	8	244	1994	Salix pentandra	Kil, Kolari, N-Finland								1997	6
	A	8	300		Sorbus									2001	36
	A	8			Sorbus ??									2001	44
399	A	8	243	1994	Sorbus aucuparia	Kåfjord, Troms, N-Norge								1997	5
	A	8			Sorbus cashmeriana	Kashmir, Himalaya (India/Pakistan)								2006	1
	A	8			Sorbus commixta	Japan								2006	1
	A	8			Sorbus decora	North America								2006	1
	A	8			Sorbus esserteauiane	Kina								2006	1
	A	8			Sorbus koehneana	China								2006	1
	A	8			Sorbus sambucifolia	Tilitschi, Kamchatka, Rusland								2003	36
441	A	8	695	1993	Sorbus scopulina	Mt. Baker							1500m	1997	6
444	A	8	239	1993	Spiraea stevenii	Magadon								1997	1
459	A	9	235	1994	Betula pendula	Oulu								1998	2
459	A	9	235	1994	Betula pendula	Riutunkari, Oulu, N-Finland								1997	10
458	A	9	257	1995	Betula pubescens	Putten, Rondane							1000m	1997	9
	A	9	167		Larix									2001	178
	A	9			Larix decidua	Müstair, Granbünden, Switzerland								2003	192
730	A	9	400	1998	Larix decidua									2000	30
	A	9		2003	Larix sibirica var. sukaczewii	Hausjärvi (ex. Raivola) seed lot 990008, Finland								2003	1440
155	A	9	565	1992	Larix sibirica var. sukaczewii	Pinega, Arkhangelsk								1992	
457	A	9	565	1992	Larix sibirica var. sukaczewii	Pinega, Arkhangelsk							290m	1997	10
150	A	9	390	1991	Larix sibirica var. sukaczewii	Prov. Östteg, Sverige. Arkhangelsk								1991	
737	A	9	391	1998	Picea abies									2000	38
142	A	9	436	1985	Picea glauca	Central, Alaska	65°	34'	N	144°	46'	W	285m	1987	50
135	A	9	435	1985	Picea glauca	Harding Lake, Alaska	64°	25'	N	156°	50'	W	230m	1987	80
49	A	9	445	1985	Picea glauca	Kenai Peninsula, Alaska	60°	30'	N	150°	45'	W	75m	1987	80
140	A	9	431	1985	Picea glauca	richardsons Hwy., mile 1314, Alaska	62°	21'	N	143°	03'	W		1987	100
137	A	9	452	1985	Picea glauca	Snug Harbour Rd., Alaska	60°	24'	N	149°	32'	W		1987	100
141	A	9	437	1985	Picea glauca	Tyonek, Alaska	61°	08'	N	151°	27'	W	215m	1987	80
138	A	9	440	1985	Picea glauca x sitchensis	Tyonek, Alaska	61°	10'	N	151°	50'	W	60m	1987	100
136	A	9	211	1985	Pinus sylvestris var. mongolica	Ulan-Ude, Sibirien	51°	45'	N	107°	40'	E		1987	150
786	A	9	604	1993	Populus balsamifera	Churchill, Manitoba								2000	2
	A	9			Populus trichocarpa	Alaska (ex. Island)								2009	120
457	A	9	348	1994	Sorbus aucuparia	Nordmarka, Oslo							290m	1997	10

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude	N/S	Longitude	E/W	ttude(m)	lant year	Plants
742	A	10	397	1998	Larix decidua							2000	4
	A	10	48		Pinus							2001	12
143	A	10	84	1992	Populus balsamifera	Duke River, Yukon	61° 20'	N	139° 00'	W	1000	1992	10
144	A	10	507	1991	Ribes rubrum	Alta, Finmark, Norge	69° 50'	N	23° 00'	E		1992	4
145	A	10	508	1991	Salix glauca x phylicifolia	Fairbanks, Alaska. cult: "Brekkuvidir", Island						1992	2
147	A	10	510	1991	Salix lasiandra	Fairbanks, Alaska	64°	N	147°	W		?	?
146	A	10	509	1991	Salix monticola	Fairbanks, Alaska	64°	N	147°	W		1992	4
148	A	10	511	1991	Salix phylicifolia	Alta, Finmark, Norge	69° 50'	N	23° 00'	E		1992	4
169	A		17	1994	Sorbus alnifolia	ex. Korea (Arb. Søvjejen) 614-1977						1998	5
	A	4u			Abies concolor	Rio Grande NF, Colorado, USA						2004	15
	A	4u			Pinus flexilis	Arapaho, USA						2003	144
	A	4u			Pinus flexilis	Arapaho, USA						2004	1153
	A	4u			Pinus pumila	Amurskaja, Russia						2004	1051
	A	4u			Pinus uncinata	St.Guillaume du Desert, France						2004	445
	A	8u		2003	Larix sibirica var. sukaczewii	Lassima ex. Raivola, Finland						2003	144
	A	8u			Picea engelmannii	Rio Grande del Norte (s.l.990015), Colorado, USA						2003	486
	A	8u			Picea sitchensis	Seward, Alaska, USA						2003	736
	A	9e			Larix lyallii	?, seed lot 201018, to be informed from Iceland						2003	80
	A	9e		2003	Picea mariana	Carmanville, Nfl,seed lot 910012, Canada						2003	80
	A	9u		2003	Larix sibirica var. sukaczewii	Lassima ex. Raivola, Finland						2003	176
	A	9u			Picea engelmannii	Rio Grande del Norte (s.l.990015), Colorado, USA						2003	486
	A	9u			Picea sitchensis	Seward, Alaska, USA						2003	128
	A				Picea engelmannii	Rio Grande						2001	5000
	A-B-C				Larix sukaczewii	Archangelsk						2001	2000
	A-B-C				Larix sukaczewii	Hausjärvi						2001	6000
	A-B-C				Larix sukaczewii	Imatra						2001	3000
	A-B-C-D-E-F-G				Larix lyallii	Vaglahus						2003	600
	A-B-C-D-E-F-G				Larix sibirica	?						2003	4000
	A-B-C-D-E-F-G				Larix sukaczewii	Hausjärvi						2003	1500
	A-B-C-D-E-F-G				Picea engelmannii	Rio Grande						2003	2000

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude		N/S	Longitude	E/W	ttude(m)	Plant year	Plants	
	A-B-C-F-G														
					Larix sukaczewii	Lassima							2003	1500	
48	B	1	430	1988	Abies lasiocarpa	Keno Hill, Yukon	63°	55'	N	135°	16'	W	1150m	1991	20
460	B	1	546	1992	Betula pubescens	Rombaken, Narvik, Norway								1994	7
465	B	1	765	1993	Larix gmelinii	Jakutien								1995	15
39	B	1	155	1988	Larix gmelinii	N - Kina								1994	5
164	B	1	37	1982	Larix laricina	40 miles s. f. Fairbanks, Alaska	64°	49'	N	147°	52'	W	260m	1983	15
	B	1		2003	Larix lyallii	?, seed lot 201018, to be informed from Iceland								2003	150
743	B	1	402	1998	Picea abies									2000	7
	B	1	402	1998	Picea abies									2003	150
462	B	1	645	1993	Picea engelmannii	Pikes Peak								1994	20
161	B	1	13	1982	Picea glauca	Saxton, Alaskan	60°	40'	N	149°	33'	W	180m	1983	20
165	B	1	56	1981	Pinus sylvestris	Braemar, Dee Valey, Scotland	ca. 57°	00'	N	3°	25'	W	350m	1983	3
163	B	1	144	1978	Pinus sylvestris	Kvenangen, Norge	69°	43'	N	21°	40'	E		1983	5
166	B	1	52	1981	Pinus sylvestris	Luleå, Sverige	65°	35'	N	22°	10'	E	100m	1983	4
691	B	1	212	1993	Rosa acicularis	Nederland, Colorado							2900m	1998	6
686	B	1	256	1995	Salix phylicifolia	Per Gynth Hytta, Rondane							1100m	1998	5
634	B	1	549	1992	Sorbus aucuparia	Rombaken, E-Narvik								1998	3
463	B	1	567	1993	Sorbus decora	Mt. Washington, NH							1100m	1995	2
464	B	1	545	1993	Viburnum edule	Kuujuak, Quebec								1995	14
	B	2	?		Alnus hirsuta									2001	35
167	B	2	376	1990	Betula pubescens var. tortuosa	Hjerkinn, Norway	62°	14'	N	9°	29'	E	900m	1991	50
663	B	2	550	1994	Larix sibirica var. sukaczewii	Narsarsuaq, PC "Lærke" ex. Ural, Siberia (greenlandic seed)								1998	3
744	B	2	388	1998	Picea abies									2000	2
169	B	2	17	1982	Picea glauca	Broad Pass, Alaska	63°	20'	N	148°	50'	W	550m	1982	5
168	B	2	83	1992	Populus balsamifera	Montana Mt., Carcross, Yukon	60°	10'	N	134°	40'	W	1300m	1992	5
684	B	2	480	1993	Populus tremula	Botheim Setre, Lesja, Norge							915m	1998	7
466	B	2	760	1993	Rosa acicularis	Jakutien, sib.								1995	2
656	B	2	600	1994	Sorbus scopulina	Bridal, Vail Range, Colorado							3300m	1998	6
467	B	3	627	1993	Abies lasiocarpa	Larch Valley, Alberta								1994	10
470	B	3	235	1993	Alnus hirsuta	Magadan, sib.								1995	5
710	B	3	120	1995	Betula platyphylla	Reykavik, ex. Ø-Sib.								1998	1
468	B	3	538	1993	Larix laricina	Lac Tesialuk, Quebec								1994	5
170	B	3	51	1982	Picea sitchensis	Valdez, Alaska	61°	08'	N	146°	21'	W	50m	1983	10
718	B	3	774	1993	Pinus sylvestris	Jakutien								1998	7

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude	N/S	Longitude	E/W	ttude(m)	Plant year	Plants
675	B	3	26	1994	Prunus padus	Joutsa, N-Finland						1998	1
674	B	3	70	1993	Sorbus aucuparia	Taivalkoski, N-Finland						1998	6
469	B	3	673	1993	Sorbus scopulina	Mt. Revelstoke, B.C.						1995	1
471	B	4	580	1993	Larix laricina	Churchill, SE						1996	28
174	B	4	1337	1977	Picea abies	Kiruna, Sverige	67° 53'	N	20° 15'	E		1983	4
172	B	4	58	1982	Picea glauca	Dillingham, Bristol Bay, Alaska	59° 03'	N	158° 31'	W	50m	1986	15
171	B	4	33	1982	Picea mariana	Bear Creek, Eagle Summit Steese Hwy.,	65° 30'	N	145° 38'	W	880m	1986	6
176	B	4	230	1979	Pinus sylvestris	Lipakka, N - Finland						1983	2
175	B	4	228	1979	Pinus sylvestris	Peltovuoma, N - Finland	68° 24'	N	24° 10''	E		1983	4
173	B	4	229	1979	Pinus sylvestris	Sotajoki, N - Finland						1983	5
472	B	5	669	1993	Abies lasiocarpa	Mt. Edith Cawell						1994	50
472	B	5	669	1993	Abies lasiocarpa	Mt. Edith Cawell						1996	15
475	B	5	531	1994	Alnus sinuata	Skagway, Island						1994	90
	B	5	203		Betula							2001	1
407	B	5	961	1996	Larix decidua	Rax Alpen, Austria						1998	10
177	B	5	301	1982	Larix laricina	Berthierville, Quebec, Canada	46° 05'	N	73° 11'	W		1984	40
	B	5			Larix sukaczewii	Lattima (ex. Archangelsk)						2009	20
722	B	5			Lupinus nootkatensis	Iceland, ex. Alaska, USA (seed from Icel	60 0	N	150 0	W	0	1994	seed
178	B	5	76	1982	Picea glauca	Ambler, Kotzebue, Alaska	67° 05'	N	157° 52'	W	40m	1984	5
179	B	5	77	1982	Picea mariana	Ambler, Kotzebue, Alaska	67° 05'	N	157° 52'	W	40m	1984	5
	B	5	243		Pinus							2001	1
180	B	5	78	1982	Populus tremuloides	Ambler, Kotzebue, Alaska	67° 05'	N	157° 52'	W	40m	1984	5
474	B	5	664	1993	Potentilla fruticosa	Columbia Icefields						1994	5
438	B	5	378	1994	Rosa jakutica	Kamchatka						1995	20
477	B	6	661	1993	Abies lasiocarpa	Athabasca Lake						1994	20
477	B	6	661	1993	Abies lasiocarpa	Athabasca Lake						1996	10
182	B	6	24	1985	Abies nephrolepis	Heilungkiang, Kina	47°	N	129°	E		1991	3
185	B	6	6	1988	Betula pubescens	Gleragil, N - Island						1992	4
183	B	6	783	1985	Picea abies	Äkäslompolo, Kolari N - Finland	67° 30''	N			300m	1986	5
131	B	6	22	1982	Picea glauca	Arctic Village, Alaska	68° 07'	N	145° 32'	W	750m	1983	50
55	B	6	784	1985	Pinus sylvestris	Äkäslompolo, Kolari N - Finland	67° 30'	N			300m	1986	10
479	B	6	371	1991	Tsuga mertensiana	Moore Creek, Skagway						1994	3
480	B	7	704	1993	Abies lasiocarpa	Trapper Peak, Montana						1994	30
186	B	7	369	1991	Picea glauca	Round Tangle Lake, Denali Hwy. alaska	63° 00'	N	147° 30'	W	950m	1992	50

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude	N/S	Longitude	E/W	ttude(m)	lant year	Plants	
187	B	7	311	1991	Pinus contorta var. latifolia	South canol Rd., Yukon 125 miles s Ross	60° 40'	N	133°	00'	W	1200m	1992	10
	B	7			Rubus saxatilis	Qingua Dalen, Syd Grønland	60	N	44		W		2007	1
188	B	8	370	1991	Picea glauca	Duke River, Yukon, Burwash Landing	61° 20'	N	139°	00'	W	1200m	1992	25
477	B	9	661	1993	Abies lasiocarpa	Athabasca Lake							1994	50
190	B	9	93	1986	Betula pubescens	Island							1992	2
189	B	9	367	1991	Picea glauca	Denali Hwy., SW Denali Minefield, Alas	63° 00'	N	147°	30'	W	800m	1992	38
482	B	9	594	1993	Potentilla fruticosa	Churchill R., Manitoba							1994	10
191	B	9	122	1992	Salix alaxensis	Broad Pass, Parks Hwy., Alaska	63° 18'	N	149°	00'	W	800m.	1992	3
483	B	9	362	1991	Tsuga mertensiana	Crow Pass, Girdwood							1994	10
412	B	10	561	1993	Abies balsamea	Mt. Washington, NH							2000	1
193	B	10	461	1987	Betula pubescens var. tortuosa	Kirkenes, Norge	70°	N	29°		E		1992	8
446	B	10	231	1994	Picea abies	Haukipudas, OP, N-Finland							1998	11
462	B	10	645	1993	Picea engelmannii	Pikes Peak							1996	11
192	B	10	361	1991	Picea glauca	Minto Lakes, NE Fairbanks, Alaska	64° 54'	N	148°	35'	W	800m	1992	30
	B	10		2003	Picea mariana	White Mt, Yukon, Canada							2003	4
	B	10	268		Pinus								2001	14
687	B	10	255	1995	Salix phylicifolia	Høvringen, Rondane						950m	1998	8
411	B	10	242	1994	Sorbus aucuparia	Oulunsalu, OP, N-finland							1998	3
485	B	10	552	1993	Sorbus decora	S Kuujjuak							1995	2
486	B	11	654	1993	Abies lasiocarpa	Bow Pass							1994	90
194	B	11	321	1991	Picea glauca	Tombstone, Dempster Hwy., Yukon	64° 20'	N	138°	30'	W	1100m	1992	30
487	B	12	671	1993	Abies lasiocarpa	Mt. Revelstoke, B.C.							1994	100
	B	12	671	1993	Abies lasiocarpa	Mt. Revelstoke, B.C.							2003	80
196	B	12	10	1988	Betula pubescens	N - Island							1992	2
195	B	12	313	1991	Picea glauca	Hurricane, Parks Hwy., Alaska	62° 60'	N	149°	40'	W	600m	1992	30
	B	12			Picea mariana	White Mt, Yukon, Canada							2003	12
	B	12			Picea sitchensis	Seward, Alaska, USA							2003	80
198	B	13	324	1991	Larix laricina	Arctic Red river, NWT	67° 30'	N	133°	50'	W	100m	1992	15
197	B	13	323	1991	Picea mariana	Arctic red river, NWT	67° 30'	N	133°	50'	W	100m	1992	10
200	B	14	446	1991	Alnus crispa	Neriunaq, Nuup Kangerlua	64° 20'	N	50°	12'	W	20m	1991	8
199	B	14	112	1992	Salix Alaxensis	Carcross, Yukon	60° 10'	N	134°	40'	W	1400m	1992	4
201	B	15	92	1992	Populus trichocarpa	Crow Pass, Alaska	60° 57'	N	149°	10'	W	500m	1992	6
745	B	16	404	1998	Picea abies								2000	31
488	B	16	579	1993	Picea glauca	Churchill SE							1994	180

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude		N/S	Longitude	E/W	ttude(m)	Plant year	Plants	
202	B	16	94	1992	Populus trichocarpa	Chilkat Pass, B.C.	59°	40'	N	136°	35'	W	950m	1992	4
489	B	17	731	1993	Abies lasiocarpa	Niwot Ridge, Colorado								1994	10
490	B	17	757	1993	Larix gmelinii	Nelemnoi, Jakutien								1995	8
765	B	17	724	1998	Larix sibirica									2000	8
169	B	17	17	1982	Picea glauca	Broad Pass, Alaska	63°	20'	N	148°	50'	W	550m	1984	5
798	B	17	608	1996	Pinus sylvestris									2000	9
491	B	19	530	1993	Picea mariana	Kuujuak, Quebec								1994	115
	B	19	530	1993	Picea mariana	Kuujuak, Quebec								2003	324
	B	?			Picea engelmannii	Rio Grande del Norte (s.l.990015), Colorado, USA								2003	324
	B				Picea sitchensis	Seward								2003	2000
496	C	1	532	1993	Alnus crispa	Kuujuak, Quebec								1995	2
	C	1	532	1993	Alnus crispa	Kuujuak, Quebec								2003	400
204	C	1	384	1990	Betula pubes var. tortuosa	Trysilfjell, Norge	61°	22'	N	12°	16'	E	900m	1991	14
155	C	1	565	1992	Larix sibirica var. sukaczewii	Pinega, Arkhangelsk								1992	
150	C	1	390	1991	Larix sibirica var. sukaczewii	Prov. Östteg, Sverige. ex Arkhangelsk								1991	
494	C	1	723	1993	Picea engelmannii	Snowey Range Pass, Wyo.								1994	20
492	C	1	576	1993	Picea glauca	Churchill N-Coast, Manitoba								1994	160
492	C	1	576	1993	Picea glauca	Churchill N-Coast, Manitoba								1996	10
495	C	1	611	1993	Picea mariana	Churchill R.								1994	60
	C	1		2003	Picea sitchensis	Seward, Alaska, USA								2003	400
412	C	2	561	1993	Abies balsamea	Mt. Washington NH								1994	25
412	C	2	561	1993	Abies balsamea	Mt. Washington, NH								1996	10
66	C	2	371	1971	Abies lasiocarpa	Hungry Horse, Montana	48°	20'	N	113°	58'	W	1400m	1983	2
205	C	2	376	1971	Abies lasiocarpa var. arizonica	Wolf Creek Pass, Colorado	37°	31'	N	106°	46'	W	3100m	1983	6
20	C	2	416	1988	Amelanchier alnifolia	Little Atlin Lake, Yukon	60°	15'	N	133°	55'	W	750m	1992	2
206	C	2	358	1991	Betula papyrifera	Ferry, Parks Hwy.	64°	10'	N	149°	20'	W	400m	1992	7
452	C	2	319	1994	Betula platyphylla	Kamchatka						450m		1998	8
499	C	2	478	1993	Betula pubescens	Dombås, Hjøllseter								1994	10
207	C	2	525	1988	Elaeagnus commutata	Granite Creek, Alaska	61	42	N	148	53	W	130	1992	3
504	C	2	699	1993	Larix lyallii x occidentalis	Montana State University								1994	40
500	C	2	73	1991	Lonicera coerulea	Hokkaido								1994	6
216	C	2	762	1985	Picea abies	Kiruna Airport, Sverige	67°	53'	N	20°	15'	E		1986	25
218	C	2	384	1971	Picea engelmannii	Monarch Pass, Colorado	38°	32'	N	106°	19'	W	3700m	1983	1
169	C	2	17	1982	Picea glauca	Broad Pass, Alaska	63°	20'	N	148°	50'	W	550m	1982	50

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude	N/S	Longitude	E/W	ttude(m)	lant year	Plants
215	C	2	20	1982	Picea mariana	Murphy Dome, Fairbanks, Alaska	64° 49'	N	147°	52' W	800m	1983	40
	C	2	237		Pinus							2001	8
790	C	2	89	1998	Pinus cembra							2000	21
746	C	2	39	1995	Pinus mugo							2000	5
209	C	2	322	1978	Pinus sylvestris	Kevo, Finland	69° 50'	N	27°	E		1984	10
217	C	2	763	1985	Pinus sylvestris	Torneträsk Station, Lapland, Sverige	68° 24'	N	19°	15' E	300m	1986	20
214	C	2	82	1992	Populus balsamifera	Carcross Desert, Yukon	60° 15'	N	134°	40' W	700m	1992	5
213	C	2	19	1982	Populus tremuloides	Fairbanks, Alaska	64° 49'	N	147°	52' W	200m	1982	25
211	C	2	12	1982	Populus tremuloides	Seward, Alaska	60° 05'	N	149°	39' W	140m	1983	1
450	C	2	239	1994	Prunus padus	Kukkulankoski, Tornio						1998	5
509	C	2	62	1993	Prunus padus	Liimaninkoski, Finl.						1995	5
508	C	2	593	1993	Ribes triste	Churchill R., Manitoba						1995	6
505	C	2	386	1990	Sorbus aucuparia	Trysilfjell, Norway	61° 22'	N	12°	16' E	900m	1994	3
441	C	2	695	1993	Sorbus scopulina	Mt. Baker						1995	8
38	C	2	502	1988	Tsuga mertensiana	Girdwood, Alaska						1994	9
210	C	2	8	1982	Tsuga mertensiana	Portage, Alaska	60° 50'	N	148°	59' W	100m	1983	5
502	C	2	74	1991	Viburnum opulus	Hokkaido						1994	3
66	C	3	371	1971	Abies lasiocarpa	Hungry Horse, Montana	48° 20'	N	113°	58' W	1400m	1983	6
220	C	3	368	1971	Abies lasiocarpa	La Veta, Colorado	37° 21'	N	105°	04' W	3100m	1983	10
222	C	3	377	1971	Abies lasiocarpa	Vernal, Utah	40° 44'	N	109°	40' W	3000m	1983	5
223	C	3	542	1992	Betula pubescens	Abisko, Sweden	68° 21'	N	18°	49' E		1992	20
223	C	3	542	1992	Betula pubescens	Abisko, Sweden						1994	45
127	C	3	46	1982	Picea glauca	Boundary, Yukon, Canada	62° 29'	N	141°	00' W	1000m	1983	30
225	C	3	4	1982	Picea x lutzii	Bird Creek, Gridwood, Alaska	60° 56'	N	149°	10' W	20m	1983	5
224	C	3	53	1981	Pinus sylvestris	Abisko, Sverige	68° 21'	N	18°	49' E	400m	1984	7
511	C	3	459	1988	Tsuga mertensiana	Cordova, Alaska						1994	5
	C	4	386		Alnus							2001	12
513	C	4	534	1994	Larix laricina	Delta Junction, Alaska						1994	
228	C	4	569	1981	Picea x lutzii	Uperviarssuk ex Kenai Peninsula (stik	60°	N	150°	W		1983	10
514	C	4	529	1994	Pinus mugo var. uncinata	(Island)							20
692	C	4	788	1993	Rosa acicularis	Jakutien, Sibirien						1998	6
515	C	5	720	1993	Abies lasiocarpa	Togwotee Pass, Wyo.						1994	10
	C	5	?		Alnus Incana							2001	2
229	C	5	546	1992	Betula pubescens	Rombaken, Narvik, Norway	68° 28'	N	17°	26' E		1992	5
233	C	5	279	1979	Larix gmelinii var. koraiensis	(Cult. Tartu) Estlaand						1983	20

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude	N/S	Longitude	E/W	ttude(m)	Plant year	Plants
234	C	5	280	1979	Larix gmelinii var. kurilensis	(Cult. Tartu) Estland						1983	10
516	C	5	684	1993	Larix lyallii	Harts Pass						1994	5
231	C	5	281	1979	Larix sibirica	(Cult. Rapla, Valtu) Estland						1983	10
230	C	5	278	1979	Larix sibirica var. rossica	Estland (Cult. Piirsälv)						1983	10
232	C	5	282	1979	Larix sibirica var. sukaczewii	(Cult. Valmiera) Vecate, Letland	56° 50'	N	60° 30'	E		1983	10
218	C	5	384	1971	Picea engelmannii	Monarch Pass, Colorado	38° 32'	N	106° 19'	W	3800	1982	1
240	C	5	328	1991	Picea glauca	Dempster Hwy., Yukon. (295 miles S Inu	65° 50'	N	137° 50'	W	950m	1992	10
238	C	5	147	1991	Pinus sylvestris	Haukeligrend, Norge	59° 45'	N	7° 33'	E	750m	1991	50
235	C	5	35	1982	Populus balsamifera	Steese Hwy., NE Fairbanks, Alaska	65° 30'	N	146° 00'	W	850m	1983	3
237	C	5	543	1992	Populus tremula	Abisko, Sweden	68° 21'	N	18° 49'	E		1992	5
236	C	5	36	1982	Populus tremuloides	Steese Hwy., NE Fairbanks, Alaska	65° 30'	N	146° 00'	W	850m	1983	5
662	C	5	613	1993	Potentilla fruticosa	Gillam, Manitoba						1998	5
450	C	5	239	1994	Prunus padus	Kukulankoski, Tornio						2000	1
716	C	5	198	1993	Ribes pinetorum	Siera Blanca, New Mex.					3500m	1998	2
518	C	5	95	1988	Rosa myclis								?
660	C	5	463	1987	Salix caprea	Kirkenes Lufthavn						1998	4
517	C	5	584	1993	Shepherdie canadensis	Churchill						1995	6
242	C	6	375	1971	Abies lasiocarpa	Cold Springs, Wyoming	42° 29'	N	105° 50'	W	2400m	1983	12
243	C	6	417	1971	Abies lasiocarpa	Echo Lake, Colorado					3200m	1983	10
241	C	6	367	1971	Abies lasiocarpa	Silverton, Colorado	37° 56'	N	107° 40'	W	- 3300m	1983	5
	C	6			Acer glabrum	Hallormsstað						2004	30
	C	6			Aruncus americanus	Tilichiki, Kamchatka, Russia						2004	1
	C	6	238		Betula							2001	8
244	C	6	343	1991	Betula papyrifera x glandulosa	Mt. fairplay, Taylor Hwy., Alaska	63° 30'	N	142° 30'	W	1050m	1992	2
245	C	6	467	1987	Betula pubescens var. tortuosa	Nesseby, Varanger, Norge	70° 20'	N	29° 00'	E		1992	2
	C	6	362		Larix							2001	100
736	C	6	395	1998	Larix decidua							2000	12
	C	6	395	1998	Larix decidua							2003	208
519	C	6	529	1993	Larix laricina	Kuujuak, Quebec						1994	190
246	C	6	1331	1977	Picea abies var. obovata	Inari, Finland	68° 50'	N				1984	1
249	C	6	31	1982	Picea glauca	Bear Creek, Steese Hwy., NE Fairbanks,	ca.65° 30'	N	145° 38'	W	880m	1983	30
250	C	6	59	1982	Picea glauca	Bristol Bay, Dillingham, Alaska	59° 03'	N	158° 31'	W	50m	1983	30
248	C	6	16	1982	Picea glauca	Talkeetna, Alaska	62° 18'	N	150° 06'	W	60m	1983	30
	C	6			Picea sitchensis	Seward, Alaska, USA						2003	208
	C	6	271		Pinus							2001	19



ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude	N/S	Longitude	E/W	ttude(m)	lant year	Plants	
696	C	6	367	1994	Pinus sylvestris	Hruby Jezenih Mt. Tjekkiet						1998	7	
247	C	6	145	1978	Pinus sylvestris	Storefjord, Norge	69° 15'	N	20°	00'	E	1983	5	
4	C	6	342	1991	Populus tremuloides	Mt. fairplay, Alaska						1994	5	
	C	6	296		Sorbus							2001	21	
267	C	6	458	1988	Tsuga mertensiana	Valdez, Alaska						1994	10	
	C	6			Vaccinium hirtum	Japan						2006	1	
522	C	7	722	1993	Abies lasiocarpa	Snowy Range Pass, Wyo.						1994	10	
524	C	7	440	1994	Abies sibirica	Altai, Kassakstan						1998	10	
46	C	7	446	1985	Larix laricina	Delta Junction, Alaska	64° 13'	N	145°	57'	W	200m	1991	10
650	C	7	963	1993	Lonicera alpisen	Rax Alpen, Austria					1400m	1998	12	
257	C	7	73	1991	Lonicera coerula var. emphylloc	Cult. CPH Botanic Garden						1992	6	
251	C	7	208	1985	Picea sitchensis	Kodiak Isl. + Afognak Isl., Alaska	57°	N	153°		W		1991	10
45	C	7	402	1988	Populus balsamifera/trichocarpa	Byers Lake, Parks Hwy. mile 147 Alaska	62° 45'	N			250m	1994	3	
45	C	7	402	1988	Populus balsamifera/trichocarpa	Byers Lake, Parks Hwy., mile 147, Alask	62° 45'	N			250m	1992	3	
253	C	7	545	1992	Populus tremula	Rombaken, Narvik, Norge	68° 28'	N	17°	26'	E		1992	5
443	C	7	590	1993	Ribes hudsonianum	Churchill River						1998	15	
254	C	7	506	1988	Salix sp.	E. Willow, Alaska	61° 42'	N	150°	08'	W		1992	2
255	C	7	425	1988	Sambucus callicarpa	Elfin Cove, Alaska	58° 15'	N	136°	21'	W	10m	1992	2
256	C	7	462	1988	Sambucus callicarpa	Gridwood, Alaska	60° 57'	N	149°	10'	W		1992	2
525	C	7	14	1995	Viburnum opulus	Åmyran, Umeå						1998	10	
526	C	8	680	1993	Abies lasiocarpa	Kootenay Pass						1994	25	
526	C	8	680	1993	Abies lasiocarpa	Kootenay Pass						1996	10	
	C	8			Picea engelmannii	Hallormsstaður p.52						2004	384	
121	C	8	43	1982	Picea glauca	W. Dawson, Yukon	64° 20'	N	140°	30'	W	370m	1991	6
260	C	8	544	1992	Pinus sylvestris	Rombaken, Narvik, Norge	68° 20'	N	17°	26'	E		1992	25
528	C	8	545	1992	Populus tremula	Abisko, Sweden						1994	2	
410	C	8	688	1993	Sorbus scopulina	Harts Pass						1995	5	
524	C	9	440	1994	Abies sibirica	Altai, Kassakstan						1995	25	
264	C	9	376	1991	Alnus crispa	Denali Hwy., (10 miles W paxson)	63° 05'	N	146°	00'	W	1000m	1992	3
263	C	9	316	1991	Picea glauca	Eagle Hwy., 6-10 miles n. f. Jack Wade,	64° 20'	N	141°	20'	W	1000m	1992	20
	C	9			Pinus flexilis	Króklækur p.36, Hall						2004	24	
214	C	9	82	1992	Populus balsamifera	Carcross Desert, Yukon	60° 15'	N	134°	40'	W	700m	1992	5
143	C	9	84	1992	Populus balsamifera	Duke River, Yukon	61° 20'	N	139°	00'	W	1000m	1992	12
269	C	9	138	1990	Prunus padus	Aker Hamar, Norge	ca. 60° 48'	N	11°	07'	E		1992	3

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude	N/S	Longitude	E/W	ttude(m)	lant year	Plants
268	C	9	137	1990	Prunus padus	Slidre Heggenes, Norge	61° 15'	N	9° 00'	E	500m	1992	6
265	C	9	386	1990	Sorbus aucuparia	Trysil, Norge	61° 22'	N	12° 16'	E	900m	1992	4
266	C	9	446	1988	Tsuga mertensiana	Crayling Trail, Seward Hwy., Alaska	60°	N	150°	W	130m	1992	10
267	C	9	458	1988	Tsuga mertensiana	Valdez, Alaska	61° 08'	N	146° 21'	W	40m	1992	5
270	C	10	566	1992	Picea x lutzii	Kenai Peninsula, Alaska	60°	N				1992	600
533	C	11	588	1993	Alnus crispa	Churchill R., Manitoba						1994	5
533	C	11	588	1993	Alnus crispa	Churchill R., Manitoba						1995	6
532	C	11	234	1993	Alnus fruticosa	Magadan						1995	2
458	C	11	257	1995	Betula pubescens	Putten Seter, Rondane						1995	10
535	C	11	742	1993	Picea engelmannii	Independence Pass, Col.						1994	45
271	C	11	325	1991	Picea glauca	Dempster Hwy., NWT, (20 miles sf. Inuv	68° 20'	N	133° 00'	W	100m	1992	20
40	C	11	380	1990	Pinus sylvestris	Folldal						1995	4
536	C	11	747	1993	Populus tremuloides	Pikes Peak						1995	2
748	C	11	285	1993	Sorbus aucuparia							2000	1
487	C	12	671	1993	Abies lasiocarpa	Mt. Revelstoke, B.C.						1996	20
241	C	12	367	1971	Abies lasiocarpa	Silverton, Colorado	37° 56'	N	107° 40'	W	3300m	1984	10
	C	12			Larix sibirica var. sukaczewii	Lassima ex. Raivola, Finland						2003	288
	C	12			Picea engelmannii	Rio Grande del Norte (s.l.990015), Colorado, USA						2003	162
273	C	12	44	1984	Picea glauca	v. f. Dawson, Yukon	ca. 64° 15'	N	148° 00'	W	370m	1984	10
793	C	12	379	1998	Pinus cembra							2000	18
	C	12	379	1998	Pinus cembra							2003	162
792	C	12	136	1997	Pinus sylvestris							2000	5
626	C	12	778	1993	Populus tremula	Jakutsk, Jakutien, Sibirien						1998	2
614	C	12	602	1993	Populus tremuloides	Churchill, Manitoba						1998	5
541	C	20	644	1993	Abies lasiocarpa	Blackwell Peak						1996	30
	C	20			Alnus crispa	Neriunaq, Nuup Kangerlua	64° 20'	N	50° 12'	W	20m	1995	3
546	C	20	695	1996	Alnus fruticosa	Chasma, Kamchatka						1997	5
545	C	20	694	1996	Alnus fruticosa	Paratunka, Kamchatka						1997	2
544	C	20	412	1994	Alnus fruticosa	Zeya, Ø-Sib. (via Tallinn)						1996	5
544	C	20	412	1994	Alnus fruticosa	Zeya, Ø-Sib. (via Tallinn)						1997	4
547	C	20	698	1996	Alnus hirsuta	Azabachye Lake, Kamchatka						1997	4
551	C	20	233	1994	Alnus incana	Kåfjord, Troms						1997	10
549	C	20	234	1994	Alnus incana	Varjakka, Oulu, N-Finland						1997	6

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude		N/S	Longitude	E/W	ttude(m)	Plant year	Plants	
	C	20			Alnus sinuata	Alaska (ex. Island)							1997	1	
548	C	20	964	1996	Alnus viridis	Rax Alpen, Austria						1000m	1997	6	
	C	20			Larix decidua								2005	3	
519	C	20	529	1993	Larix laricina	Kuujuak, Quebec							1996	40	
542	C	20	665	1993	Picea engelmannii	Athabasca Lake							1996	15	
393	C	20	537	1993	Picea glauca	Lac Tesialuk, Quebec							1996	20	
430	C	20	444	1994	Tsuga mertensiana	Lewis R., Wash.							1996	8	
	D	1			Abies lasiocarpa	Tutshi Lake, BC, Canada							2004	405	
277	D	1	383	1990	Picea abies	Trysilfjell, Norge	61°	22'	N	12°	16'	E	900m	1991	250
	D	1			Picea engelmannii	Santa Fe, Arizona, USA							2004	480	
115	D	1	430	1985	Picea glauca	Gulkana, Alaska	62°	17'	N	145°	27'	W	427m	1991	7
276	D	1	503	1988	Picea sitchensis	Kodiak, Alaska	57°		N	153°		W	50m	1991	10
279	D	1	477	1983	Pinus sylvestris	Uvdal, Brøstrud, Norge	60°	15'	N	8°	45'	E	800m	1984	35
281	D	1	366	1991	Shepherdia canadensis	Reindeer Hills, Denali Hwy., Alaska	63°	20'	N	148°	50'	W	750m	1992	3
278	D	1	70	1982	Tsuga heterophylla	Yacutat, Alaska	59°	31'	N	139°	40'	W	50m	1983	10
677	D	2	236	1994	Betula pubescens	Hietsaari, Oulu, N-Finland							1998	12	
121	D	2	43	1982	Picea glauca	W. Dawson, Yukon	64°	05'	N	139°	27'	W	370m	1986	50
695	D	2	449	1992	Pinus banksiana	Fort Simpson, NWT							1998	2	
657	D	2	311	1991	Pinus contorta var. latifolia	South canol Rd., Yukon 125 miles s Ross	60°	40'	N			1250m	1998	2	
682	D	2	572	1993	Pinus flexilis	Arapaho NF, Colorado						3000m	1998	5	
126	D	2	483	1983	Pinus sylvestris	Haukelifjell, Vågslid, Hardanger, Norway	59°	46'	N	7°	25'	E	780m	1986	50
128	D	2	484	1983	Pinus sylvestris	Vøringfos, Hardanger, Norge	60°	25'	N	7°	15'	E	700m	1986	60
448	D	2	25	1994	Ribes alpinum	Hattvia, N-Finland							1998	8	
438	D	2	378	1994	Rosa jakutica	Jakutien, Sibirien							1998	2	
289	D	3	42	1982	Abies lasiocarpa	Keno Hill, Yukon	63°	55'	N	135°	20'	W	1100m	1983	20
53	D	3	410	1988	Abies lasiocarpa	Ross river, N-Canol Rd., Yukon	62°	40'	N	131°	08'	W	1000m	1991	12
552	D	3	151	1990	Betula pubescens	Island							1995	3	
666	D	3	590	1996	Chamaecyparis nootkatensis	Cedar Bay, Alaska							1998	14	
177	D	3	301	1982	Larix laricina	Berthierville, Quebec, Canada	46°	05'	N	73°	11'	W		1984	1
297	D	3	482	1986	Lonicera altaica	Altai, Rusland	50°		N	90°		E	1800m	1992	2
293	D	3	480	1983	Picea abies	Haukelifjell, Vågslid, Norge	59°	45'	N			580m	1984	9	
111	D	3	38	1982	Picea glauca	Robertson River, W. Tok, Alaska	63°	20'	N			300m	86 - 1991	- 12	
111	D	3	38	1982	Picea glauca	Robertson River, W. Tok, Alaska	63°	20'	20'			300m	86 - 1991	44	
290	D	3	49	1982	Picea glauca ( x sitchensis)	Thompson Pass, Valdez Alaska	61°		N			550m	1983	20	
133	D	3	34	1982	Picea mariana	Steese Hwy., NE Fairbanks, Alaska	65°		N			850m	1983	40	

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude	N/S	Longitude	E/W	ttude(m)	Plant year	Plants
683	D	3	443	1994	Pinus cembra ssp. sibirica	Porergskoyo, Jakutsk, Siberia, Russia						1998	30
114	D	3	40	1982	Pinus contorta ssp. latifolia	Stewart Crossing, Yukon	63° 20'	N	136°	40' W	480m	1983	40
294	D	3	481	1983	Pinus sylvestris	Haukelifjell, Vågslid, Norge	ca. 60°	N			580m	1984	28
292	D	3	478	1983	Pinus sylvestris	Vågslid, Norge	59° 46'	N	7°	25' E	700m	1984	44
2	D	3	509	1988	Populus tremuloides	E. Willow, Alaska	61° 45'	N	149°	50' W		1991	15
287	D	3	357	1991	Rosa acicularis	Broad Pass, Parks Hwy., Alaska	63° 18'	N	149°	00' W	800m	1992	2
713	D	3	629	1993	Thuja plicata	NW Golden, B.C.						1998	2
553	D	4	685	1993	Abies lasiocarpa	Harts Pass						1994	40
553	D	4	685	1993	Abies lasiocarpa	Harts Pass						1996	20
167	D	4	376	1990	Betula pubescens var. tortuosa	Hjerkinn, Norway	62° 14'	N	9°	29' E	900m	1995	4
407	D	4	961	1996	Larix decidua	Rax Alpen, Austria						1998	30
111	D	4	38	1982	Picea glauca	Robertson River, W. Tok, Alaska	63° 20'	N	143°	02' W	300m	1991	13
141	D	4	437	1985	Picea glauca	Tyonek, Alaska	61° 08'	N	151°	27' W	214m	1987	1
17	D	4	166	1988	Picea meyeri	Kina	45°	N	126°	E		1991	20
300	D	4	406	1982	Pinus banksiana	Canada Airforce Base, Petawawa, Ontario	45° 54'	N	77°	18' W		1984	25
398	D	4	442	1994	Pinus cembra	Tirol, Østrig						1998	40
555	D	4	603	1993	Populus balsamifera	Churchill, Manitoba						1995	4
	D	5		2004	Abies amabilis	Hoquiam, Washington, USA						2004	30
	D	5			Abies concolor	San Isobel NF Colorado, USA						2004	15
33	D	5	392	1991	Abies lasiocarpa	Island						1991	1
321	D	5	330	1991	Abies lasiocarpa	Keno Hill						1995	5
	D	5	?		Alnus hirsuta							2001	40
28	D	5	398	1991	Alnus incana	Måtsele, Sverige (fra Island)						1991	2
302	D	5	447	1988	Betula papyrifera var. kenaica	Fresno Creek, Seward Hwy., mile 48, Alaska	60° 30'	N			400m	1991	3
	D	5			Hieracium aurantiacum							2005	1
	D	5			Linaria vulgaris	Qaqortoq						2005	1
	D	5			Malus fusca	Alaska (ex. Island)						2009	2
557	D	5	447	1993	Picea abies	Kiruna Lufthavn						1994	8
29	D	5	395	1991	Picea engelmannii	Rio Grande del Norte, Colorado	37° 30'	N				1991	2
30	D	5	396	1991	Picea glauca	Anchorage, Alaska	61° 13'	N	149°	52' W		1991	2
308	D	5	393	1991	Picea sitchensis	Seward, Alaska	60° 30'	N				1991	1
	D	5	?		Pinus							2001	?
313	D	5	402	1991	Pinus aristata	Island						1991	1
31	D	5	397	1991	Pinus contorta var. latifolia	Bennet Lake, B.C.	59° 55'	N	134°	59' W		1991	2
317	D	5	394	1991	Pinus mugo var. uncinata	Haut Conflent						1991	2

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude	N/S	Longitude	E/W	ttude(m)	lant year	Plants
558	D	5	474	1993	Pinus sylvestris	Fokstua, Dovre						1994	1
563	D	5	776	1993	Pinus sylvestris	Jakutien						1995	2
312	D	5	400	1991	Populus balsamifera	Unalakleet, Alaska						1991	2
45	D	5	402	1988	Populus balsamifera/trichocarpa	Byers Lake, Parks Hwy. mile 147 Alaska	62° 45'	N			250m	1991	10
311	D	5	399	1991	Populus trichocarpa	Island						1991	2
	D	5			Populus trichocarpa 'Kaisari'	Copper River Delta, near Cordova, Alaska						1994-1995	4
303	D	5	18	1988	Prunus padus	Heggenes, Norge	61° 15'	N	9° 00'	E		1992	2
560	D	5	581	1993	Ribes hudsonianum	Churchill SE						1995	3
	D	5			Rubus idaeus	Kamtchatka						2005	1
	D	5	?		Salix sp.	Nepal						2001	12
304	D	5	401	1988	Sambucus callicarpa	Trapper Creek, Parks Hwy., mile 130, Al	62° 15'	N	149° 00'	W		1992	3
314	D	5	404	1991	Sorbus aucuparia	Akureyri, Island	65° 40'	N	18° 00'	W		1991	1
306	D	5	386	1990	Sorbus aucuparia	Trysilfjell, Norge	61° 22'	N	12° 16'	E	900m	1991	10
776	D	5	397	1993	Sorbus commixta							2000	3
483	D	5	362	1991	Tsuga mertensiana	Crow Pass, Girdwood						1995	4
559	D	5	43	1990	Viburnum opulus	Høstemark, DK						1994	5
	D	5			Valeriana officinalis	ex. Qaqortoq						2009	1
	D	5			Vicia cracca	ex. Ivittuut						2009	1
	D	6			Abies amabilis	Hoquiam, Washington, USA						2004	45
	D	6			Abies concolor	San Isobel NF Colorado, USA						2004	25
320	D	6	429	1988	Abies lasiocarpa	Faro, Yukon	62° 22'	N	132° 22'	W	1300m	1991	65
319	D	6	216	1985	Abies lasiocarpa	Hungry Horse, Montana	48° 20'	N	113° 58'	W	1400m	1991	5
321	D	6	330	1991	Abies lasiocarpa	Keno Hill, Yukon	63° 55'	N	135° 20'	W	1300m	1992	50
	D	6			Abies lasiocarpa	Tutshi Lake, BC, Canada						2004	54
	D	6	?		Acer pseudotplatanus							2001	57
	D	6	167		Larix							2001	90
	D	6	179		Larix							2001	126
732	D	6	374	1998	Larix decidua							2000	63
	D	6	0	0	Larix lyalli	Vaglir						2006	40
150	D	6	390	1991	Larix sibirica var. sukaczewii	Proveniens Östteg; Sverige ex Archangelsk						1991	1650
322	D	6	126	1986	Picea abies	Hattfjelldal, Norge	65° 32'	N			310m	1991	8
323	D	6	127	1986	Picea abies	Hemnes, Helgeland, Norge	66° 07'	N	14° 00'	E	100m	1991	5
324	D	6	128	1986	Picea abies	Hemnes, Helgeland, Norge	66°	N				1991	7
325	D	6	129	1986	Picea abies	Hemnes, Helgeland, Norge	66° 05'	N			150m	1991	10
331	D	6	349	1988	Picea abies	Mo i Rana, Norge	ca. 66° 19'	N	14° 10'	E	0 - 249m	1988	1000

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude		N/S	Longitude	E/W	ttude(m)	Plant year	Plants	
318	D	6	321	1978	<i>Picea abies</i> var. <i>obovata</i>	Tankapirtti, Ivalo, Finland	68°	16'	N	27°	20'	E		1984	10
564	D	6	709	1993	<i>Picea engelmannii</i>	Hellroaring Plateau, Mont.								1994	70
564	D	6	709	1993	<i>Picea engelmannii</i>	Hellroaring Plateau, Mont.								1996	10
328	D	6	314	1991	<i>Picea glauca</i>	Big Delta, Richardsons Hwy., Alaska	64°	10'	N	145°	50'	W	300m	1992	40
	D	6			<i>Picea jezoensis</i>	Hokkaido, Japan								2004	100
333	D	6	351	1988	<i>Picea x lutzii</i>	Kenai Peninsula, Alaska								1988	4000
	D	6	207		<i>Pinus</i>									2001	?
570	D	6	754	1993	<i>Pinus aristata</i>	Carson NF, New Mex.						3000m		1995	10
	D	6			<i>Pinus cembra</i>	Syd Tirol, Italy								2004	140
788	D	6	88	1998	<i>Pinus cembra</i>									2000	23
332	D	6	350	1988	<i>Pinus contorta</i> var. <i>latifolia</i>	Rusty Creek, Yukon	63°	28'	N	136°	25'	W	650m	1988	1500
566	D	6	752	1993	<i>Pinus flexilis</i>	Arapaho NF, Col.						2300m		1996	10
	D	6			<i>Pinus flexilis</i>	Króklækur p.36, Hall								2004	26
	D	6			<i>Pinus heldreichii</i>	Mt Orvilos, Greece								2004	80
787	D	6	393	1998	<i>Pinus mugo</i>									2000	75
567	D	6	446	1993	<i>Pinus sylvestris</i>	Kiruna Airport								1994	50
328	D	6	356	1991	<i>Populus tremuloides</i>	Broad Pass, Parks Hwy., Alaska	63°	18'	18'	145°	50'	W	300m	1992	40
568	D	6	713	1993	<i>Potentilla fruticosa</i>	Hellroaring Plateau								1994	5
	D	6	?		<i>Robus sachaliensis</i>									2001	2
569	D	6	74	1993	<i>Sorbus aucuparia</i>	Tännäs, Härjedalen								1994	7
419	D	6	72	1994	<i>Sorbus commixta</i>	Hokkaido								2000	2
	D	6	?		<i>Sorbus mycrohylla</i>									2001	20
267	D	6	458	1988	<i>Tsuga mertensiana</i>	Valdez, Alaska	61°	07'	N	146°	17'	W	40m	1991	10
155	D	7	565	1992	<i>Larix sibirica</i> var. <i>sukaczewii</i>	Pinega, Archangelsk								1992	600
329	D	7	365	1991	<i>Picea glauca</i>	Reindeer Hills, Denali Hwy., Alaska	63°	20'	N	148°	50'	W	750m	1992	205
330	D	8	326	1991	<i>Picea glauca</i>	Dempster Hwy., YT/NWT	67°	00'	N	136°	10'	W	700m	1992	10
579	D	9	560	1994	<i>Abies lasiocarpa</i>	Ethel Lake, Yukon								1994	46
574	D	9	555	1994	<i>Abies lasiocarpa</i>	Fort St. James, B.C.								1994	39
577	D	9	558	1994	<i>Abies lasiocarpa</i>	Grassy Mt., B.C.								1994	29
580	D	9	561	1994	<i>Abies lasiocarpa</i>	Keno Hill, Yukon								1994	42
573	D	9	554	1994	<i>Abies lasiocarpa</i>	Mason R., B.C.								1994	45
572	D	9	553	1994	<i>Abies lasiocarpa</i>	Meziadin Lake, B.C.								1994	33
575	D	9	556	1994	<i>Abies lasiocarpa</i>	Pine R., B.C.								1994	40
571	D	9	552	1994	<i>Abies lasiocarpa</i>	S. Canol Rd., Yukon								1994	41
576	D	9	557	1994	<i>Abies lasiocarpa</i>	Steamboat Mt., B.C.								1994	47

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578	D	9	559	1994	Abies lasiocarpa	Warm Bay, B.C.						1994	34
	D	5			Fragaria							2005	1
587	E	1	369	1988	Abies amabilis	Snoqualmie Pass, Wash.						1995	4
	E	1			Abies lasiocarpa	Arapaho						2006	30
339	E	1	327	1991	Larix laricina	Dempster Hwy., Yukon	67° 00'	N	136°	10' W	700m	1992	3
331	E	1	349	1988	Picea abies	Mo i Rana, Norge	66°	N			150-250m	1988	
741	E	1	375	1998	Picea abies							2000	8
583	E	1	655	1993	Picea engelmannii	Bow Pass						1994	30
338	E	1	322	1991	Picea glauca	Windy Pass, Dempster Hwy., Yukon	64° 50'	N	138°	20' W	1100m	1992	100
337	E	1	315	1991	Picea mariana x glauca	Mt. Fairplay, Taylor Hwy., Alaska	63° 30'	N	142°	30' W	1000	1992	20
	E	1			Picea sitchensis	Lýsishóll p.49 Hall						2004	200
35	E	1	308	1989	Picea x lutzii	Kenai Peninsula, Alaska	60°	N				1989	200
333	E	1	351	1988	Picea x lutzii	Kenai, Peninsula, Alaska						1988	1400
332	E	1	350	1988	Pinus contorta var. latifolia	Rusty Creek, Yukon	63° 28'	N	136°	25' W	650m	1988	1200
238	E	1	147	1991	Pinus sylvestris	Haugaliglend						1994	6
588	E	1	623	1993	Prunus virginiana	Calgary						1995	10
586	E	1	18	1993	Sorbus aucuparia	Gardejaur, Norrland, Sverige						1995	5
266	E	1	446	1988	Tsuga mertensiana	Crayling Trail, Seward Hwy., Alaska						1994	15
345	E	2	391	1991	Abies lasiocarpa	Ethel Lake, Yukon	63° 20'	N	136°	00' W		1991	35
	E	2	392		Acer							2001	33
	E	2	238		Alnus							2001	10
	E	2	408		Alnus							2001	15
	E	2	56		Betula							2001	2
	E	2	90		Betula							2001	16
	E	2	169		Betula							2001	33
	E	2	237		Betula							2001	11
	E	2	242		Betula							2001	6
	E	2	272		Betula							2001	23
	E	2	167		Larix							2001	118
731	E	2	380	1998	Larix decidua							2000	19
12	E	2	79	1988	Larix gmelinii	Punkaharju no.10, Finland						1988	9
471	E	2	580	1993	Larix laricina	Churchill SE						1994	60
	E	2			Larix lyallii	?, seed lot 201018, to be informed from Iceland						2003	208
59	E	2	86	1988	Larix sibirica var. sukaczewii	archangelsk	63°	N	41°	E		1988	13

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155	E	2	565	1992	Larix sibirica var. sukaczewii	Pinega, Archangelsk						1992	100	
150	E	2	390	1991	Larix sibirica var. sukaczewii	Prov. Östteg, Sverige, ex Archangelsk						1991	1850	
	E	2	178		Picea							2001	36	
	E	2	261		Picea							2001	14	
	E	2	361		Picea							2001	5	
323	E	2	127	1986	Picea abies	Hemnes; Norge	66° 07'	N			100m	1988	200	
34	E	2	307	1989	Picea abies	Mo i Rana, Norge	66°	N			150m	1989	425	
350	E	2	84	1988	Picea abies var. obovata	Konu, Jertovsk, Rusland	63°	N	48°	E		1988	6	
395	E	2	681	1993	Picea engelmannii	Kootenay Pass						1994	50	
	E	2			Picea engelmannii	Rio Grande del Norte, Colorado, USA						2003	27	
349	E	2	76	1988	Picea glauca	Thunder River, B.C.	52°	N	119°	W	1200m	1988	20	
	E	2			Picea mariana	Carmanville, Nfl,seed lot 910012, Canada						2003	112	
35	E	2	308	1989	Picea x lutzii	Kenai Peninsula, Alaska	60°	N				1989	1325	
	E	2	226		Pinus							2001	28	
	E	2	383		Pinus							2001	6	
	E	2			Pinus cembra							2001	25	
594	E	2	443	1994	Pinus cembra ssp. sibirica	Porergskoyo, Jakutsk, Siberia, Russia						1995	200	
	E	2			Pinus mugo	Syd Tirol, Italy						2004	207	
702	E	2	232	1994	Pinus sylvestris	Oulu						1998	6	
593	E	2	60	1993	Pinus sylvestris	Skibotn, Storefjord, Norge						1995	4	
344	E	2	87	1992	Populus balsamifera	Broad Pass, Alaska	63° 18'	N	149°	00'	W	800m	1992	18
237	E	2	543	1992	Populus tremula	Abisko, Sweden						1994	4	
3	E	2	340	1991	Populus tremuloides	Jack Wade, Eagle Hwy.						1995	1	
343	E	2	309	1989	Populus trichocarpa	Island						1989	10	
	E	2	235		Potentilla fruticosa							2001	13	
749	E	2	346	1994	Prunus padus							2000	2	
346	E	2	524	1988	Shepherdia canadensis	Glenn Hwy., Alaska						1992	6	
	E	2	?		Sorbaria sorbifolia							2001	1	
	E	2	193		Sorbus							2001	8	
	E	2	407		Sorbus							2001	33	
592	E	2	547	1992	Sorbus aucuparia	Abisko, Sweden						1994	2	
759	E	2	35	1994	Sorbus commixta							2000	11	
761	E	2	912	1996	Sorbus minima							2000	9	
	E	2	912	1996	Sorbus minima							2003	27	



ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude	N/S	Longitude	E/W	ttude(m)	lant year	Plants
389	E	2	708	1993	Sorbus scopulina	Trapper Peak						1995	5
597	E	3	702	1993	Larix lyallii	Trapper Peak, Montana						1994	10
598	E	3	728	1993	Picea engelmannii	Berthovd Pass, Col.						1994	15
352	E	3	355	1991	Picea glauca	Broad Pass, Alaska	63° 18'	N	149° 00'	W	800m	1992	50
35	E	3	308	1989	Picea x lutzii	Kenai, Peninsula, Alaska	60°	N				1989	100
718	E	3	774	1993	Pinus sylvestris	Jakutien						1995	20
189	E	4	367	1991	Picea glauca	Denali Hwy., Alaska	63° 11'	N	147° 30'	W	800m	1992	20
	E	5	225		Alnus							2001	25
189	E	5	367	1991	Picea glauca	Denali Hwy., Alaska	63° 11'	N	147° 30'	W	800m	1992	150
369	E	5	128	1991	Pinus sylvestris	Geilo, Bruvold, Norway						1994	6
	E-F-G				Larix sukaczewii	Imatra						1998	####
	F	0			Pinus aristata	Mörk Hallormstadur, Island						2006	40
	F	1			Abies lasiocarpa	Arapaho/Hall						2001	60
150	F	1	390	1991	Larix sibirica var. sukaczewii	Proveniens Östteg, Sverige ex Archangelsk						1991	
324	F	1	128	1986	Picea abies	Hemnes x Vefn	ca. 66°	N				1988	200
325	F	1	129	1986	Picea abies	Hemnes, Norge	65° 05'	N			150m	1988	150
263	F	1	316	1991	Picea glauca	Eagle Hwy., N. Jack Wade, Alasak	64° 20'	N	141° 20'	W	1000m	1992	40
	F	1			Pinus mugo var pumilia	Liptovsky,Slóvakíu						2004	54
365	F	2	310	1991	Abies lasiocarpa	South Canol Rd., Yukon	60° 40'	N	133° 00'	W	1200m	1992	120
	F	2	225		Alnus							2001	32
602	F	2	284	1993	Betula pubescens	Island						1994	45
	F	2	202		Larix							2001	125
733	F	2	398	1998	Larix decidua							2000	17
	F	2			Larix lyallii	Vaglahús						2004	391
325	F	2	129	1986	Picea abies	Hemnes, Norge	65° 05'	N			150m	1988	150
331	F	2	349	1988	Picea abies	Mo i Rana, Norge	66°	N			150-250m	1988	400
	F	2			Picea engelmannii	Rio Grande						2001	1120
352	F	2	355	1991	Picea glauca	Broad Pass, Alaska	63° 18'	N	149° 00'	W	800m	1992	500
425	F	2	506	1993	Picea jazoensis	Kamchatka					140m	1998	9
35	F	2	308	1989	Picea x lutzii	Kenai Peninsula, Alaska	60°	N				1989	375
333	F	2	351	1988	Picea x lutzii	Kenai Peninsula, Alaska						1988	1200
601	F	2	443	1994	Pinus cembra ssp. sibirica	Porergskoyo,Jakutsk, Siberia, Russia						1996	50
332	F	2	350	1988	Pinus contorta var. latifolia	Rusty Creek, Yukon	63° 28'	N	136° 25'	W	650m	1988	1100

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude		N/S	Longitude		E/W	ttude(m)	Plant year	Plants
664	F	2	303	1997	Pinus sylvestris	Skiboten, Storefjord	69°	15'	N					1998	40
	F	2	200		Populus									2001	20
	F	2	249		Potentilla									2001	2
760	F	2	906	1996	Sorbus aucuparia									2000	5
	F	4			Picea engelmannii	Rio Grande								2011	16
	F	4			Picea x lutzii	Kenai Peninsula, Alaska								2011	16
	F	4			Larix sibirica var. Sukaczewii	Archangelsk								2011	16
	F	4			Picea engelmannii	Rio Grande								2011	16
	F	4			Picea x lutzii	Kenai Peninsula, Alaska								2011	16
	F	4			Larix sibirica var. Sukaczewii	Archangelsk								2011	16
	F	4			Picea engelmannii	Rio Grande								2011	16
	F	4			Picea x lutzii	Kenai Peninsula, Alaska								2011	16
	F	4			Larix sibirica var. Sukaczewii	Archangelsk								2011	16
	F	4			Picea engelmannii	Rio Grande								2011	16
	F	4			Picea x lutzii	Kenai Peninsula, Alaska								2011	16
	F	4			Larix sibirica var. Sukaczewii	Archangelsk								2011	16
	F	4			Picea engelmannii	Rio Grande								2011	16
	F	4			Picea x lutzii	Kenai Peninsula, Alaska								2011	16
	F	4			Larix sibirica var. Sukaczewii	Archangelsk								2011	16
	F	4			Picea engelmannii	Rio Grande								2011	16
	F	4			Picea x lutzii	Kenai Peninsula, Alaska								2011	16
	F	4			Larix sibirica var. Sukaczewii	Archangelsk								2011	16
345	F	3	391	1991	Abies lasiocarpa	Ethel Lake, Yukon	63°	20'	N	136°	00'	W		1991	23
372	F	3	309	1991	Abies lasiocarpa	Faro, Yukon	62°	10'	N	134°	00'	W	1400m	1992	55
373	F	3	372	1991	Abies lasiocarpa	Montana Mt., Carcross, Yukon	60°	10'	N	134°	40'	W	1250m	1992	50
680	F	3	344	1994	Betula pubescens tortuosa	Blefjell, Telemark							650m	1998	10
	F	3	324		Cosenia									2001	7
	F	3	202		Larix									2001	170
	F	3	279		Larix									2001	23
735	F	3	396	1998	Larix decidua									2000	17
738	F	3	403	1998	Larix decidua									2000	24
414	F	3	626	1993	Larix lyallii	Larch Valley, Alberta								1994	15
155	F	3	565	1992	Larix sibirica var. sukaczewii	Pinega, Archangelsk								1992	
722	F	3			Lupinus nootkatensis	Iceland, ex. Alaska, USA (seed from Icel	60	0	N	150	0	W	0	1994	seed
727	F	3			Lupinus nootkatensis	Iceland, ex. Alaska, USA (seed from Icel	60	0	1						

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude	N/S	Longitude	E/W	ttude(m)	lant year	Plants
34	F	3	307	1989	Picea abies	Mo i Rana, Norge	66°	N			150m	1989	250
606	F	3	745	1993	Picea engelmannii	Manning, B.C.						1994	60
393	F	3	537	1993	Picea glauca	Lac Tesialuk, Quebec						1996	20
35	F	3	308	1989	Picea x lutzii	Kenai Peninsula, Alaska	60°	N				1989	100
	F	3	394		Pinus							2001	9
799	F	3	594	1996	Pinus banksiana							2000	18
566	F	3	752	1993	Pinus flexilis	Arapako NF, Col.					3200m	1995	50
789	F	3	394	1998	Pinus mugo							2000	23
	F	3			Pinus mugo var pumilia	Syd Tirol, Italy						2004	108
604	F	3	579	1993	Pinus pumila	Cherski, Jakutien						1996	8
369	F	3	128	1991	Pinus sylvestris	Geilo, Bruvold, Norway	60° 25'	N	8° 30'	E	780m	1991	60
370	F	3	466	1987	Populus tremula	Kirkenes, Norge	70°	N	29°	E		1992	3
371	F	3	464	1991	Populus tremuloides	Reindeer Hills, Denali Hwy., Alaska	63° 00'	N	146° 00'	W	900m	1992	1
608	F	3	569	1992	Sorbus aucuparia	Jokkmokk, N - Sverige						1995	3
	F	3	230		Spirea							2001	12
727	F	3			Trifolium repens	Kvithammer Research Station, Norway							450
	F	4			Picea engelmannii	Rio Grande						2011	16
	F	4			Picea x lutzii	Kenai Peninsula, Alaska						2011	16
	F	4			Larix sibirica var. Sukaczewii	Archangelsk						2011	16
375	F	4	548	1992	Abies lasiocarpa	San Isabel Nat. Park, colorado	37° 20'	N	105° 00'	W	3300m	1992	450
616	F	4	251	1993	Alnus fruticosa	Zeya, E-Sibirien						1995	3
551	F	4	233	1994	Alnus incana	Kåfjord, troms						1998	4
612	F	4	249	1994	Betula pumescens	Alta	70°	N				1995	30
426	F	4	787	1993	Cornus alba	Jakutien						1995	30
625	F	4	28	1994	Picea abies	Luopioinen, N-Finland						1995	250
613	F	4	665	1993	Picea engelmannii	Columbia, Icefields						1994	40
35	F	4	308	1991	Picea glauca	Boundary						1995	5
609	F	4	597	1993	Picea glauca	Churchill R., Manitoba						1994	160
609	F	4	597	1993	Picea glauca	Churchill R., Manitoba						1996	20
270	F	4	566	1992	Picea x lutzii	Kenai Peninsula, Alaska						1992	550
570	F	4	754	1993	Pinus aristata	Carson NF, New Mex.					3000m	1995	10
570	F	4	754	1993	Pinus aristata	Carson NF, New Mex.						2000	4
653	F	4	454	1995	Pinus cembra ssp. sibirica	Tyumen E f. Sverdlovsk (coll. Mads Niss)	56°	N				1998	20
567	F	4	446	1993	Pinus sylvestris	Kiruna Airport						1995	40
621	F	4	549	1993	Populus balsamifera	NE Old Fort Chimo						1995	5

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude	N/S	Longitude	E/W	ttude(m)	Plant year	Plants
614	F	4	602	1993	Populus tremuloides	Churchill, Manitoba						1995	10
611	F	4	407	1995	Populus 'Tristis'							1996	2
568	F	4	713	1993	Potentilla fruticosa	Helloaring Plateau						1995	15
560	F	4	581	1993	Ribes hudsonianum	Churchill						1995	3
669	F	4	609	1993	Ribes triste	Churchill, Manitoba						1998	10
747	F	4	743	1996	Sorbus hemsleyi							2000	3
430	F	4	444	1994	Tsuga mertensiana	Lewis R., Wash.						1995	20
369	F	5	128	1991	Pinus sylvestris	Geilo, Bruvold, Norway						1995	2
626	F	5	778	1993	Populus tremula	Jakutsk, Jakutien, Sibirien						1995	7
627	F	5	737	1993	Populus tremuloides	Niwot Ridge						1995	3
633	F	6	563	1993	Betula papyrifera var. cordifolia	Mt. Washington NH						1995	5
442	F	6	258	1995	Betula pubescens	Høvringen, Rondane						1995	20
393	F	6	537	1993	Picea glauca	Lac Tesialuk, Quebec						1994	150
409	F	6	409	1994	Picea obovata	Altai, Russia						1996	20
631	F	6	658	1993	Pinus albicaulis	Bow Pass, Alberta						1995	1
398	F	6	442	1994	Pinus cembra	Tirol						1995	100
635	F	6	58	1993	Pinus sylvestris	Haukipudas, N-Finland						1995	42
639	F	6	543	1994	Populus tremula	Joutseno, Finl.	61°	N				1995	2
641	F	6	545	1994	Populus tremula	Kajaari, Finl.	64°	N				1995	5
642	F	6	547	1994	Populus tremula	Karijasniemi, Finl.	69°	24' N				1995	2
	F	6	547	1994	Populus tremula	Karijasniemi, Finl.	69°	24' 24'				2004	
640	F	6	544	1994	Populus tremula	Vilpula, Finland	62°	24' N				1995	1
637	F	6	763	1993	Potentilla fruticosa	Niwot Ridge						1995	3
632	F	6	724	1993	Ribes montigenum	Snowy Range Pass						1995	10
634	F	6	549	1992	Sorbus aucuparia	Rombaken, E-Narvik						1995	5
	F	6			Picea engelmannii	Rio Grande						2011	16
	F	6			Picea x lutzii	Kenai Peninsula, Alaska						2011	16
	F	6			Larix sibirica var. Sukaczewii	Archangelsk						2011	16
	F	2e			Pinus mugo	Höhe Tatra, Slovakíu						2004	100
	F	2w			Pinus mugo var pumilia	Syd Tirol, Italy						2004	81
549	G	0	234	1994	Alnus incana	Varjakka, Oulu, N-Finland						1998	2
672	G	0	311	1994	Betula pubescens	Island						1998	5
	G	0			Larix sibirica	Ural Mountains						1966	7
706	G	0	24	1994	Lonicea xylosteum	Hattula, Finland						1998	5

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude	N/S	Longitude	E/W	ttude(m)	lant year	Plants
658	G	0	449	1993	Populus tremula	Abisko (klon)	68°	N			400m	1998	2
659	G	0	546	1994	Populus tremula	Petkula, Finland	67°	36' N				1998	1
665	G	0	304	1997	Populus tremula	Skiboten, Storefjord	69°	15' N				1998	5
614	G	0	602	1993	Populus tremuloides	Churchill, Manitoba						1998	5
661	G	0	664	1993	Potentilla fruticosa	Columbia Icefields					2000m	1998	4
436	G	0	554	1993	Ribes grandulosum	Kuujjuak, Quebec						1998	20
654	G	0	690	1996	Ribes laxiflorum	Sheridan Elacier, Cordova, Alaska						1998	5
689	G	0	617	1993	Rosa acicularis	Gillam, Manitoba						1998	6
655	G	0	123	1995	Rosa amblyotis	Kamchatka						1998	4
700	G	0	62	1994	Rosa rugosa	Hokkaido						1998	2
688	G	0	531	1993	Rubus idaeus ssp. strigaus	Kuujjuak, Quebec						1998	10
719	G	0	561	1996	Salix caprea	Sør - Varansen						1998	3
486	G	1	654	1993	Abies lasiocarpa	Bow Pass						1996	15
193	G	1	461	1987	Betula pubescens	Kirkenes						1994	4
193	G	1	461	1987	Betula pubescens var. tortuosa	Kirkenes, Finmark, Norge	69°	40' N	30°	05' E		1988	3
169	G	1	17	1982	Picea glauca	Broad Pass, Alaska	63°	20' N	148°	50' W	550m	1984	6
332	G	1	350	1988	Pinus contorta var. latifolia	Rusty Creek, Yukon	63°	28' N	136°	25' W	650m	1988	5
126	G	1	483	1983	Pinus sylvestris	Haukelifjell, Vågslid, Hardanger, Norway	59°	46' N	7°	25' E	780m	1984	8
128	G	1	484	1983	Pinus sylvestris	Vøringfos, Hardanger, Norge	60°	25' N	7°	15' E	700m	1984	10
647	G	1	582	1993	Populus balsamifera	Churchill						1995	17
645	G	1	463	1988	Ribes laxiflorum	Skagway						1995	2
646	G	1	589	1993	Salix sp.	Churchill R., Manitoba						1995	8
472	G	2	669	1993	Abies lasiocarpa	Mt. Edith Cawell						2000	8
756	G	2	45	1982	Picea glauca							2000	1
794	G	2	66	1998	Pinus cembra							2000	5
290	G	2	49	1998	Pinus sylvestris							2000	15
267	G	2	458	1988	Tsuga mertensiana	Valdez, Alaska						2000	3
778	G	3	727	1993	Abies lasiocarpa							2000	2
401	G	3	333	1994	Betula platyphylla							2000	2
784	G	3	732	1993	Picea engelmannii							2000	3
795	G	3	610	1996	Pinus sylvestris							2000	25
734	G	3	399	1998	Populua tremula							2000	1
38	G	3	502	1988	Tsuga mertensiana	Girdwood, Alaska						2000	4
553	G	4	685	1993	Abies lasiocarpa	Harts Pass						2000	2

ID	Litra	Litra-	Hørsh	Hørsho	Species	Provenance	Latitude		N/S	Longitude		E/W	ttude(m)	Plant year	Plants
797	G	4	611	1996	Pinus sylvestris									2000	15
785	G	5	741	1993	Abies lasiocarpa									2000	1
488	G	5	576	1993	Picea glauca	Churchill SE								2000	5
800	G	5	609	1996	Pinus sylvestris									2000	23
477	G	6	661	1993	Abies lasiocarpa	Athabasca Lake								2000	5
770	G	6	568	1993	Amelanchier sp.									2000	1
722	G	6			Lupinus nootkatensis	Iceland, ex. Alaska, USA (seed from Icel	60	0	N	150	0	W	0	1994	seed
564	G	6	709	1993	Picea engelmannii	Hellroaring Plateau, Mont.								2000	5
609	G	6	597	1993	Picea glauca	Churchill R., Manitoba								2000	2
796	G	6	601	1996	Picea glauca									2000	3
801	G	6	607	1996	Pinus sylvestris									2000	24
766	G	6	541	1993	Salix planifolia									2000	3
752	G	6	672	1993	Tsuga mertensiana									2000	3
467	G	7	627	1993	Abies lasiocarpa	Larch Valley, Alberta								2000	5
763	G	7	75	1998	Alnus crispa									2000	2
782	G	7	583	1993	Betula glandulosa									2000	1
764	G	7	56	1998	Betula pubescens									2000	2
722	G	7			Lupinus nootkatensis	Iceland, ex. Alaska, USA (seed from Icel	60	0	N	150	0	W	0	1994	seed
393	G	7	537	1993	Picea glauca	Lac Tesialuk, Quebec								2000	14
802	G	7	612	1996	Pinus sylvestris									2000	25
614	G	7	602	1993	Populus tremuloides	Churchill, Manitoba								2000	4
768	G	7	535	1993	Salix sp.									2000	1
544	G		412	1994	Alnus fruticosa	Zeya, Ø-Sib. (via Tallinn)								1998	5