

Partner specificity in ectomycorrhizal symbiosis

Leho Tedersoo¹, Rein Drenkhan², Kessy Abarenkov¹, Sten Anslan³, Mohammad Bahram¹, Krišs Bitenieks⁴, Franz Buegger⁵, Daniyal Gohar¹, Niloufar Doust¹, Darta Klavina⁴, Kristaps Makovskis⁴, Austra Zuševica⁴, Karin Pritsch⁵, Allar Padari², Sergei Põlme¹, Saleh Rahimlou¹, Dainis Rungis⁶, and Vladimir Mikryukov¹

¹University of Tartu

²Estonian University of Life Sciences

³Institution of Ecology and Earth Sciences

⁴Latvian State Forest Research Institute Silava

⁵Helmholtz Zentrum München Institut für Biochemische Pflanzenpathologie

⁶Latvian Forest Research Institute

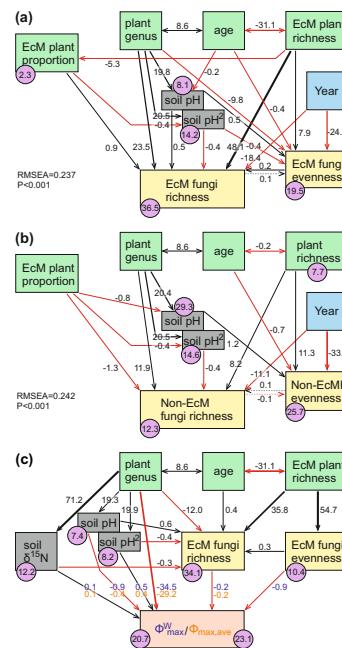
April 10, 2023

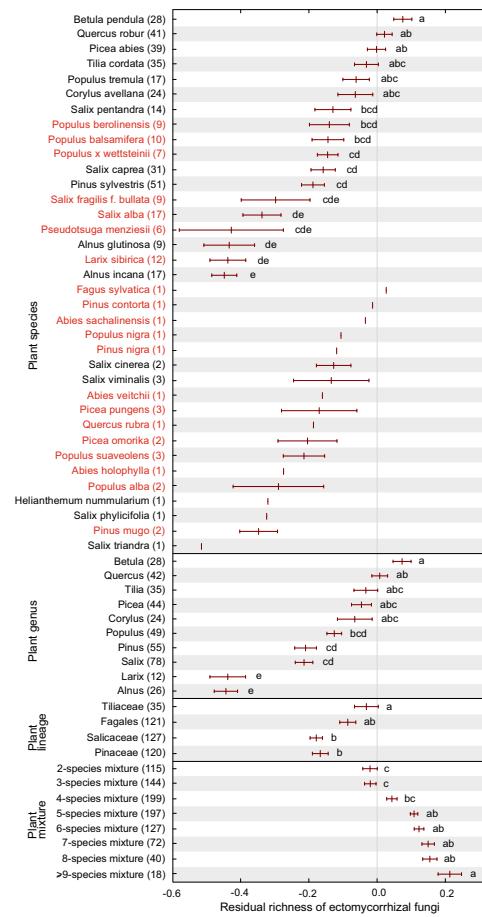
Abstract

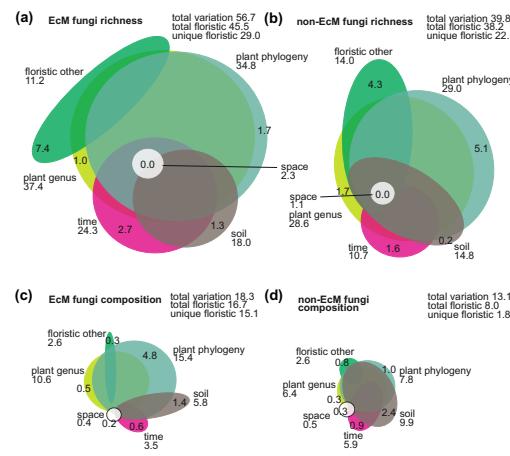
Partner specificity is a well-known phenomenon in biotic interactions, but little is known about biotic and abiotic factors that determine specificity in plant-fungal associations. Using PacBio sequencing of soils from monospecific and mixed forest stands, we determined the predictors driving partner specificity in both ectomycorrhizal plants and fungi. Fungal guilds differed strongly in the patterns of partner preference and avoidance, and specificity to particular tree genera. Specialist ectomycorrhizal fungi dominated in belowground communities, and most species preferred one of their partner trees - mostly at the plant genus level. Furthermore, all tree genera (sometimes species) displayed preference towards certain fungal groups. Partner specificity was unrelated to rarity of fungi or plants or environmental conditions except soil pH. Depending on partner taxon, specificity in fungi tended to increase with dominance and optimal pH of the partner tree genus and stand age. Partner tree richness and increased evenness of ectomycorrhizal fungi in multi-host communities promotes species richness. However, mainly partner-generalist fungi contribute to the high diversity in mixed forests. Our results further suggest that reforestation with mixed tree species promotes soil biodiversity, and that besides conserving mixed forests, protection of old pure stands may be particularly important for conserving partner-specific ectomycorrhizal fungi.

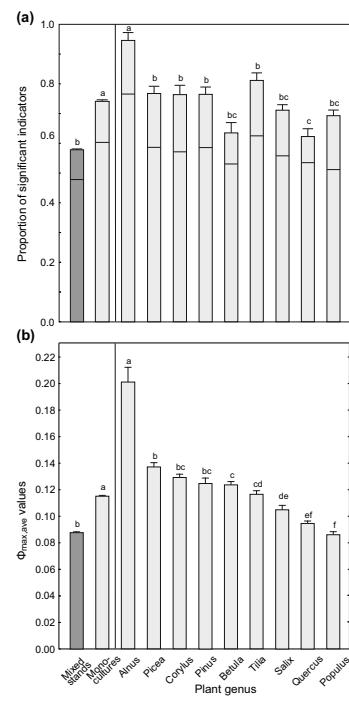
Hosted file

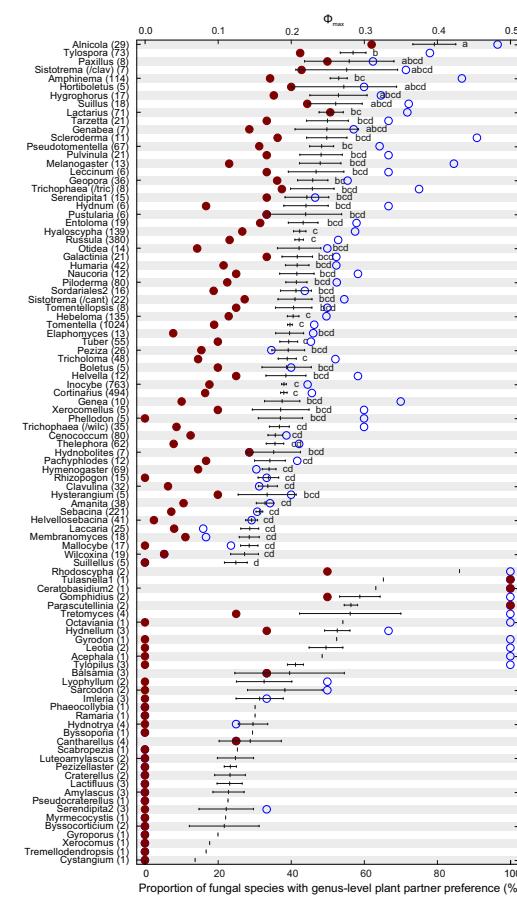
[Partner specificity in ectomycorrhizal symbiosis submt MOL ECOL.docx](https://authorea.com/users/292199/articles/634555-partner-specificity-in-ectomycorrhizal-symbiosis) available at <https://authorea.com/users/292199/articles/634555-partner-specificity-in-ectomycorrhizal-symbiosis>

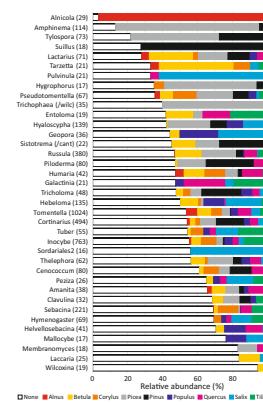












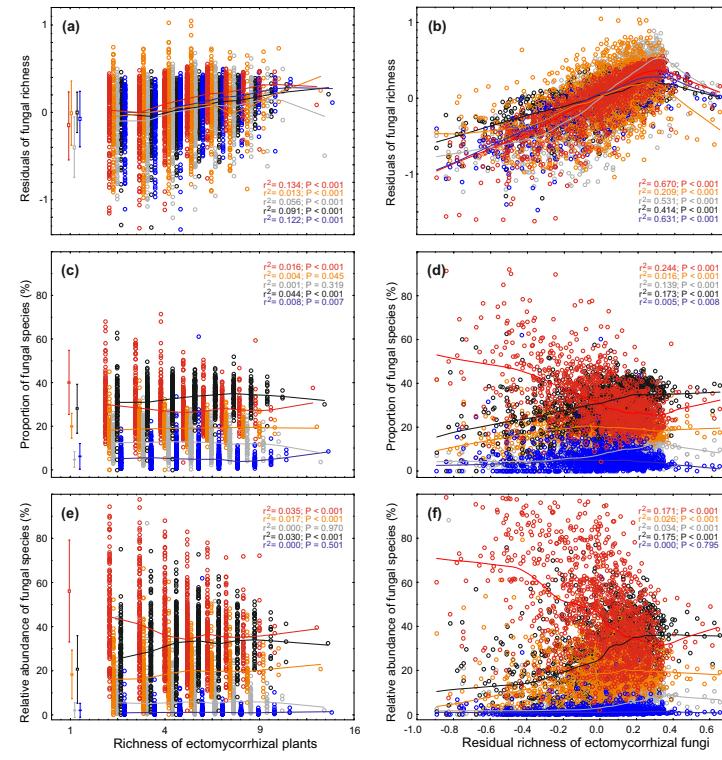


Table S1 Critical Φ -value thresholds for plant taxa corresponding to corrected significance threshold $\alpha=0.05$. These values differ because of different sample sizes.

Plant taxon	Φ -value threshold
Species level	
<i>Alnus glutinosa</i>	0.33
<i>Alnus incana</i>	0.29
<i>Betula pendula</i>	0.29
<i>Corylus avellana</i>	0.30
<i>Larix sibirica</i>	0.29
<i>Picea abies</i>	0.27
<i>Pinus sylvestris</i>	0.26
<i>Populus balsamifera</i>	0.33
<i>Populus berolinensis</i>	0.33
<i>Populus tremula</i>	0.28
<i>Populus x wettsteinii</i>	0.33
<i>Quercus robur</i>	0.27
<i>Salix alba</i>	0.28
<i>Salix caprea</i>	0.27
<i>Salix fragilis</i>	0.33
<i>Salix pentandra</i>	0.30
<i>Tilia cordata</i>	0.26
Genus level	
<i>Alnus</i>	0.19
<i>Betula</i>	0.19
<i>Corylus</i>	0.20
<i>Picea</i>	0.18
<i>Pinus</i>	0.18
<i>Populus</i>	0.18
<i>Quercus</i>	0.18
<i>Salix</i>	0.19
<i>Tilia</i>	0.18
Lineage level	
<i>Fagales</i>	0.14
<i>Pinaceae</i>	0.14
<i>Salicaceae</i>	0.14
<i>Tiliaceae</i>	0.20
Class level	
<i>angiosperms</i>	0.12
<i>gymnosperms</i>	0.105

Table S3 Best models for $\Phi_{\max,\text{ave}}$ and Φ^W values.

	SS	DF	F-value	R ²	P-value
$\Phi_{\max,\text{ave}}$ values					
EeM tree genus	0.71	9	82.2	0.371	<0.001
soil pH	0.10	2	147.9	0.074	<0.001
error	1.00	1106			
Φ^W values					
EeM tree genus	2.51	9	80.5	0.357	<0.001
soil pH	0.50	2	145.7	0.072	<0.001
soil δ ¹⁵ N	0.21	1	54.8	0.027	<0.001
error	3.80	1105			

Table S2 Samples used in the richness analysis. Additional metadata and OTU distribution are given in the datasets stored in the PlutoF repository.

Sample	Dominant plant species	Nativeness	Latitude	Longitude	Sampling time
G2536	mixed	ND ¹	58.46239	26.82084	2011-07-21
G2537	mixed	ND	58.19075	26.57175	2011-07-21
G2543	mixed	ND	58.27508	27.3247	2011-07-27
G2541	mixed	ND	58.27711	27.32472	2011-07-27
G2542	mixed	ND	58.27644	27.32429	2011-07-27
G2544	mixed	ND	58.27423	27.32412	2011-07-27
G2548	mixed	ND	58.27117	27.32785	2011-07-29
G2545	mixed	ND	58.27515	27.32349	2011-07-29
G2549	mixed	ND	58.36562	25.58797	2011-07-31
G2555	mixed	ND	58.27624	27.32687	2011-08-01
G2551	mixed	ND	58.28328	27.32476	2011-08-01
G2552	mixed	ND	58.28402	27.32152	2011-08-01
G2554	mixed	ND	58.27797	27.32377	2011-08-01
G2553	mixed	ND	58.27779	27.32098	2011-08-01
G2550	mixed	ND	58.28339	27.32315	2011-08-01
G2556	mixed	ND	58.26945	27.3335	2011-08-02
G2559	mixed	ND	58.27285	27.33115	2011-08-02
G2557	mixed	ND	58.276	27.33773	2011-08-02
G2558	mixed	ND	58.27534	27.33476	2011-08-02
G2562	mixed	ND	58.26206	27.3179	2011-08-03
G2561	mixed	ND	58.27091	27.31735	2011-08-03
G2563	mixed	ND	58.26203	27.31185	2011-08-03
G2564	mixed	ND	58.26329	27.31156	2011-08-03
G2565	mixed	ND	58.26353	27.30645	2011-08-03
G2567	mixed	ND	58.27957	27.31049	2011-08-08
G2568	mixed	ND	58.28031	27.31255	2011-08-08
G2566	mixed	ND	58.28122	27.29928	2011-08-08
G2570	mixed	ND	58.2704	27.30979	2011-08-08
G2569	mixed	ND	58.27645	27.31041	2011-08-08
G2571	mixed	ND	58.29075	27.32895	2011-08-09
G2573	mixed	ND	58.29013	27.32669	2011-08-09
G2574	mixed	ND	58.289	27.31072	2011-08-09
G2576	mixed	ND	58.27306	27.31827	2011-08-09
G2575	mixed	ND	58.27111	27.31184	2011-08-09
G2577	mixed	ND	58.26895	27.32285	2011-08-10
G2578	mixed	ND	58.28548	27.36019	2011-08-10
G2580	mixed	ND	58.27872	27.32624	2011-08-10
G2581	mixed	ND	58.27893	27.32733	2011-08-10
G2579	mixed	ND	58.28426	27.33501	2011-08-10
G2620	mixed	ND	58.27961	26.3716	2011-08-20
G2616	mixed	ND	58.26102	27.30141	2011-08-25
G2629	mixed	ND	58.04579	24.71194	2011-08-30

G2634	mixed	ND	58.33669	26.55972	2011-09-15
S208	<i>Tilia_cordata</i>	native	58.15685	22.5004	2012-05-17
S209	mixed	ND	58.49267	22.52195	2012-05-18
G2755X	<i>Pinus_sylvestris</i>	native	58.38859	22.65545	2012-06-28
G2757X	mixed	ND	58.01829	22.17463	2012-06-29
G2767	mixed	ND	58.30937	22.07618	2012-06-30
G2788	mixed	ND	58.30223	22.0958	2012-07-01
G2797	mixed	ND	58.61218	22.80056	2012-07-02
G2819	<i>Quercus_robur</i>	native	58.23408	22.44107	2012-07-04
G2830	mixed	ND	58.58463	23.57021	2012-07-17
G2829	<i>Tilia_cordata</i>	native	58.55674	23.54882	2012-07-17
G2831	<i>Quercus_robur</i>	native	58.62038	24.10171	2012-07-18
G2832	<i>Tilia_cordata</i>	native	58.24419	26.57518	2012-07-21
G2844	mixed	ND	58.08112	26.34164	2012-09-11
G2846	mixed	ND	58.89269	23.68405	2012-09-25
G2847	mixed	ND	58.92812	23.86384	2012-09-26
G2848	mixed	ND	58.43918	26.71262	2012-10-03
G2971	mixed	ND	59.42275	24.6661	2012-10-24
45MR	mixed	ND	58.25645	26.93328	2012-11-26
46MR	mixed	ND	58.254	26.82118	2012-11-26
50MR	mixed	ND	57.91666	27.18333	2013-04-24
40MR	mixed	ND	58.1523	27.04826	2013-04-25
48MR	mixed	ND	58.15738	27.04865	2013-04-25
47MR	mixed	ND	57.92115	27.1859	2013-04-25
12MR	<i>Picea_abies</i>	native	58.23692	26.48778	2013-04-25
43MR	mixed	ND	58.21791	26.8386	2013-05-03
44MR	mixed	ND	58.12398	26.62547	2013-05-03
49MR	mixed	ND	58.13583	26.63528	2013-05-03
30MK	<i>Picea_abies</i>	native	58.30203	26.66543	2013-05-03
41MR	mixed	ND	58.27056	27.33336	2013-05-14
S225	<i>Picea_abies</i>	native	58.3701	26.5561	2013-05-20
S226	mixed	ND	58.4176	26.588	2013-05-21
19MR	mixed	ND	58.26985	27.28958	2013-05-28
42MR	mixed	ND	58.26763	27.29163	2013-05-29
27MR	mixed	ND	58.18852	26.93822	2013-06-04
33MR	mixed	ND	58.24941	26.92941	2013-06-04
39MR	mixed	ND	58.24765	26.94472	2013-06-04
21MR	mixed	ND	57.68446	26.87286	2013-06-05
25MR	mixed	ND	58.1678	27.04318	2013-06-05
22MR	mixed	ND	57.9108	27.32285	2013-06-05
2MR	mixed	ND	58.15225	27.0454	2013-06-05
38MR	mixed	ND	57.96941	27.41925	2013-06-05
29MR	mixed	ND	58.13208	27.02621	2013-06-05
31MK	<i>Pinus_sylvestris</i>	native	57.83018	26.89338	2013-06-05
17MR	mixed	ND	59.01842	26.89503	2013-06-07
23MR	mixed	ND	59.46488	25.75728	2013-06-07

34MR	mixed	ND	59.07132	26.34942	2013-06-07
35MR	mixed	ND	58.65855	26.95203	2013-06-07
14MR	mixed	ND	59.21678	25.1753	2013-06-07
3MR	mixed	ND	59.23448	24.8882	2013-06-07
32MR	mixed	ND	59.24056	25.29783	2013-06-07
15MR	<i>Pinus_sylvestris</i>	native	59.08153	27.16693	2013-06-07
18MR	<i>Pinus_sylvestris</i>	native	59.13568	27.4421	2013-06-07
7MR	mixed	ND	57.8267	26.40403	2013-06-11
10MR	mixed	ND	58.01056	26.76935	2013-06-11
16MR	mixed	ND	57.82707	26.40368	2013-06-11
6MR	mixed	ND	58.09323	26.79088	2013-06-11
11MR	mixed	ND	57.91195	26.31798	2013-06-11
24MR	<i>Picea_abies</i>	native	58.06516	26.67997	2013-06-11
5MR	<i>Picea_abies</i>	native	57.99168	26.67145	2013-06-11
8MK	<i>Picea_abies</i>	native	57.9523	26.64025	2013-06-11
G3224	mixed	ND	58.28062	22.81871	2013-06-12
G3232	<i>Pinus_sylvestris</i>	native	58.21082	22.31476	2013-06-13
G3242	mixed	ND	59.49325	25.36253	2013-06-15
1MR	mixed	ND	58.15621	27.13176	2013-06-19
26MR	mixed	ND	58.25496	26.57166	2013-06-19
4MR	mixed	ND	58.15376	27.12508	2013-06-19
13MR	mixed	ND	58.23698	26.48628	2013-06-19
36MR	<i>Pinus_sylvestris</i>	native	58.2451	26.95928	2013-06-19
S336	<i>Picea_abies</i>	native	58.3701	26.5561	2013-06-25
IH.K19	mixed	ND	57.6415	26.4149	2013-06-28
IH.K17	<i>Pinus_sylvestris</i>	native	57.6457	26.4148	2013-06-28
IH.K29	<i>Pinus_sylvestris</i>	native	57.6898	26.4768	2013-06-29
28MR	mixed	ND	57.54538	26.54443	2013-06-30
9MR	mixed	ND	57.58672	26.68675	2013-06-30
20MR	<i>Pinus_sylvestris</i>	native	57.58005	26.44685	2013-06-30
IH.K16	mixed	ND	57.6652	26.4683	2013-07-01
IH.K21	mixed	ND	57.6541	26.4972	2013-07-02
G2745X	mixed	ND	58.32669	21.89557	2013-07-02
S227	<i>Corylus_avellana</i>	native	58.13673	25.54067	2013-07-02
IH.K37	<i>Pinus_sylvestris</i>	native	57.6655	26.5061	2013-07-02
G3247	<i>Corylus_avellana</i>	native	58.35784	22.47637	2013-07-03
IH.K10	<i>Pinus_sylvestris</i>	native	57.6764	26.5529	2013-07-03
IH.K35	<i>Pinus_sylvestris</i>	native	57.671	26.5578	2013-07-03
IH.K05	mixed	ND	57.6823	26.6012	2013-07-04
IH.K01	<i>Pinus_sylvestris</i>	native	57.6824	26.5988	2013-07-04
IH.K02	<i>Pinus_sylvestris</i>	native	57.6726	26.5691	2013-07-05
IH.K07	<i>Pinus_sylvestris</i>	native	57.6669	26.6047	2013-07-05
IH.K24	<i>Pinus_sylvestris</i>	native	57.6687	26.4676	2013-07-05
IH.K13	mixed	ND	57.6567	26.4493	2013-07-06
IH.M10	<i>Pinus_sylvestris</i>	native	57.9409	27.3497	2013-07-09
IH.M14	mixed	ND	57.9212	27.3791	2013-07-10

S228	Betula_pendula	native	58.35203	26.60463	2013-07-10
IH.M13	Pinus_sylvestris	native	57.9381	27.4035	2013-07-10
IH.M07	Pinus_sylvestris	native	57.9246	27.3258	2013-07-11
IH.M09	Pinus_sylvestris	native	57.9374	27.3465	2013-07-11
IH.M27	Pinus_sylvestris	native	57.9384	27.299	2013-07-13
IH.M33	mixed	ND	57.9504	27.3688	2013-07-14
IH.M45	mixed	ND	57.9602	27.2862	2013-07-14
IH.M23	Pinus_sylvestris	native	57.9608	27.2828	2013-07-14
IH.M16	mixed	ND	57.9264	27.405	2013-07-15
IH.M46	mixed	ND	57.9382	27.3527	2013-07-15
IH.M30	Pinus_sylvestris	native	57.9557	27.3249	2013-07-19
IH.M47	Pinus_sylvestris	native	57.9389	27.352	2013-07-20
IH.M48	Pinus_sylvestris	native	57.9237	27.2948	2013-07-20
IH.A61	mixed	ND	59.0579	27.5019	2013-07-24
IH.A90	mixed	ND	59.0606	27.5044	2013-07-24
IH.A12	mixed	ND	59.0773	27.4879	2013-07-25
IH.A14	Pinus_sylvestris	native	59.0589	27.5083	2013-07-25
IH.A39	Pinus_sylvestris	native	59.0619	27.5162	2013-07-27
IH.A56	Pinus_sylvestris	native	59.0618	27.5112	2013-07-27
IH.A01	mixed	ND	59.0673	27.5277	2013-07-27
IH.A36	Pinus_sylvestris	native	59.0826	27.4557	2013-07-28
IH.A51	Pinus_sylvestris	native	59.0771	27.4582	2013-07-28
IH.A31	Pinus_sylvestris	native	59.1006	27.4371	2013-07-29
IH.A89	Pinus_sylvestris	native	59.0972	27.4316	2013-07-29
IH.A02	mixed	ND	59.096	27.4422	2013-07-29
IH.A03	mixed	ND	59.0656	27.4805	2013-07-30
IH.A21	mixed	ND	59.1001	27.4131	2013-07-30
IH.A20	Pinus_sylvestris	native	59.1023	27.4188	2013-07-30
IH.A93	mixed	ND	59.0729	27.4353	2013-07-31
IH.A78	mixed	ND	59.0764	27.4764	2013-07-31
S246	Salix_pentandra	native	58.42553	26.52957	2013-08-15
S342	mixed	ND	58.4176	26.588	2013-08-16
G3406	Quercus_robur	native	58.1478	25.0398	2013-08-25
S281	Quercus_robur	native	58.379	26.706	2013-08-29
S280	Betula_pendula	native	58.369	26.689	2013-08-30
G3412	Quercus_robur	native	58.40102	26.74147	2013-09-05
G3413	Salix_caprea	native	58.43891	26.89759	2013-09-05
G3419	Tilia_cordata	native	58.31681	26.72325	2013-09-08
G3430	Salix_pentandra	native	58.30027	22.5766	2013-09-08
S337	Picea_abies	native	58.3701	26.5561	2013-09-16
S343	mixed	ND	58.4176	26.588	2013-09-17
G3426	Betula_pendula	native	58.35081	25.55063	2013-09-18
G3429	Quercus_robur	native	58.47449	22.8236	2013-09-19
S249	Pinus_sylvestris	native	57.87791	27.68945	2013-09-29
G3449	Quercus_robur	native	58.09875	27.45895	2013-10-13
S270	Populus_tremula	native	58.20379	26.80821	2014-05-01

S338	Picea_abies	native	58.3701	26.5561	2014-05-06
S344	mixed	ND	58.4176	26.588	2014-05-07
G3518	Quercus_robur	native	59.4399	24.7935	2014-06-26
S339	Picea_abies	native	58.3701	26.5561	2014-06-26
S345	mixed	ND	58.4176	26.588	2014-06-27
S272	mixed	ND	58.3325	21.9648	2014-07-01
S273	mixed	ND	58.38	22.105	2014-07-01
G3522	Corylus_avellana	native	58.4211	22.1522	2014-07-02
S334	Alnus_glutinosa	native	57.95478	22.12285	2014-07-03
S271	Pinus_sylvestris	native	59.3969	24.7292	2014-07-06
S274	Tilia_cordata	native	57.9354	27.0355	2014-07-19
G3527	Tilia_cordata	native	58.3457	23.9901	2014-07-25
G3529	Salix_pentandra	native	58.335	24.285	2014-07-25
G3531	Salix_caprea	native	58.3827	24.3231	2014-07-25
S278	Tilia_cordata	native	58.8037	23.00227	2014-08-02
S289	mixed	ND	59.01972	26.2319	2014-08-09
G3541	mixed	ND	59.3994	24.2876	2014-08-15
S340	Picea_abies	native	58.3701	26.5561	2014-08-15
S346	mixed	ND	58.4176	26.588	2014-08-16
G3546	Quercus_robur	native	59.4372	27.1851	2014-08-16
G3544	Alnus_incana	native	59.4268	27.519	2014-08-16
G3545	Alnus_incana	native	59.4269	27.5136	2014-08-16
S276	mixed	ND	59.4641	24.4614	2014-08-20
S277	Alnus_incana	native	58.0405	27.0525	2014-08-21
G3547	mixed	ND	58.27905	27.32441	2014-08-23
G3550	mixed	ND	58.41088	26.6008	2014-08-30
G3552	Salix_caprea	native	58.3345	26.6617	2014-08-31
G3556	mixed	ND	58.0374	26.5666	2014-09-12
G3557	mixed	ND	58.0545	26.542	2014-09-12
G3555	Quercus_robur	native	58.0443	26.4553	2014-09-12
G3558	Salix_caprea	native	58.0629	26.9591	2014-09-12
G3561	mixed	ND	57.977	26.784	2014-09-13
G3560	Quercus_robur	native	57.91727	26.5767	2014-09-13
G3559	Salix_fragilis	introduced	58.05987	26.9063	2014-09-13
G3562	Salix_fragilis	introduced	58.0554	27.0601	2014-09-14
G3567	Salix_fragilis	introduced	58.3875	26.5495	2014-09-14
S341	Picea_abies	native	58.3701	26.5561	2014-09-16
S347	mixed	ND	58.4176	26.588	2014-09-17
G3565	mixed	ND	58.3245	26.5465	2014-09-20
G3566	Populus_x_wettsteinii	introduced	58.3646	26.5182	2014-09-20
G3563	Salix_pentandra	native	58.3402	26.6515	2014-09-20
G3564	Salix_caprea	native	58.3078	26.5901	2014-09-20
G3570	Tilia_cordata	native	58.5753	26.6848	2014-09-21
G3569	Quercus_robur	native	58.52899	26.6385	2014-09-21
G3571	Salix_caprea	native	58.57736	26.7223	2014-09-21
G3572	Picea_abies	native	58.5301	26.7264	2014-09-21

G3573	mixed	ND	57.179	24.844	2014-09-23
G3574	<i>Betula_pendula</i>	native	57.1525	24.84865	2014-09-23
G3575	<i>Betula_pendula</i>	native	56.9226	23.9848	2014-09-23
G3577	<i>Fagus_sylvatica</i>	introduced	57.2431	22.6416	2014-09-24
G3579	<i>Salix_caprea</i>	native	57.288	22.721	2014-09-24
G3581	mixed	ND	57.6288	22.2878	2014-09-25
G3585	mixed	ND	57.44429	22.64869	2014-09-25
G3582	mixed	ND	57.6318	22.3927	2014-09-25
G3589	mixed	ND	58.436	23.299	2014-09-27
G3590	<i>Quercus_robur</i>	native	58.434	23.3011	2014-09-27
G3593	<i>Populus_tremula</i>	native	58.5312	23.1117	2014-09-27
G3595	mixed	ND	58.236	22.436	2014-09-28
G3594	mixed	ND	58.3256	22.1404	2014-09-28
G3600	<i>Corylus_avellana</i>	native	58.43088	22.8662	2014-09-28
G3597	<i>Populus_tremula</i>	native	58.01	22.05	2014-09-28
G3598	<i>Populus_tremula</i>	native	58.03	22.09	2014-09-28
G3603	mixed	ND	57.6058	26.3519	2014-09-29
G3601	<i>Tilia_cordata</i>	native	56.9705	24.1428	2014-09-29
G3602	<i>Salix_pentandra</i>	native	57.45435	26.3477	2014-09-29
G3605	mixed	ND	57.7368	27.0622	2014-10-11
G3607	mixed	ND	57.948	27.207	2014-10-12
S325	mixed	ND	58.36637	22.68792	2014-10-19
G3609	<i>Alnus_glutinosa</i>	native	58.4709	26.7251	2014-10-20
S326	<i>Salix_pentandra</i>	native	58.429	26.777	2014-10-20
S327	<i>Salix_caprea</i>	native	58.4461	26.7493	2014-10-20
G3608	<i>Picea_abies</i>	native	58.4422	26.7106	2014-10-20
S328	<i>Betula_pendula</i>	native	58.33215	26.76782	2014-10-25
S329	<i>Quercus_robur</i>	native	58.34965	26.76782	2014-10-25
S331	mixed	ND	58.28881	26.635	2014-10-26
S330	mixed	ND	58.32833	26.61229	2014-10-26
S333	<i>Alnus_incana</i>	native	58.32802	26.81878	2014-10-29
S332	<i>Salix_caprea</i>	native	58.2778	26.9858	2014-10-29
G4004	<i>Quercus_robur</i>	native	58.47059	26.72608	2014-10-30
G4005	<i>Salix_caprea</i>	native	58.35703	26.74306	2014-11-01
S360	<i>Salix_fragilis</i>	introduced	58.3619	26.7492	2014-11-16
S364	mixed	ND	58.669	23.69	2014-12-01
S383	<i>Betula_pendula</i>	native	58.3889	26.7031	2014-12-20
S382	<i>Corylus_avellana</i>	native	58.36755	26.69698	2014-12-20
G4074	mixed	ND	58.08501	26.63799	2015-04-05
G4081	mixed	ND	57.60641	26.96879	2015-04-18
G4082	mixed	ND	57.70702	27.07193	2015-04-18
G4078	mixed	ND	57.72607	27.22422	2015-04-18
G4083	mixed	ND	57.74473	27.10667	2015-04-18
G4080	mixed	ND	57.59164	27.05915	2015-04-18
G4079	mixed	ND	57.58384	27.214	2015-04-18
G4085	mixed	ND	58.21592	27.44006	2015-04-19

G4084	mixed	ND	58.21251	27.47202	2015-04-19
G4086	mixed	ND	58.22051	26.71692	2015-04-21
G4088	mixed	ND	58.27148	26.73636	2015-04-21
G4087	Picea_abies	native	58.17671	26.75998	2015-04-21
G4089	mixed	ND	58.36555	26.55067	2015-04-26
G4090	mixed	ND	58.43458	26.99315	2015-04-28
G4091	Tilia_cordata	native	58.37949	27.04309	2015-04-28
G4093	mixed	ND	58.65302	26.59739	2015-04-30
G4092	mixed	ND	58.65107	26.62424	2015-04-30
G4098	mixed	ND	58.68507	26.4643	2015-04-30
G4094	Quercus_robur	native	58.73387	26.5282	2015-04-30
G4097	Corylus_avellana	native	58.7816	26.50385	2015-04-30
G4096	Alnus_glutinosa	native	58.73243	26.52714	2015-04-30
G4095	Salix_fragilis	introduced	58.73288	26.52652	2015-04-30
G4101	mixed	ND	57.72013	26.28092	2015-05-01
G4100	mixed	ND	57.75778	26.30028	2015-05-01
G4103	mixed	ND	57.61388	26.25787	2015-05-01
G4099	mixed	ND	57.77012	26.30175	2015-05-01
G4102	mixed	ND	57.59438	26.29983	2015-05-01
G4104	Salix_alba	introduced	57.68283	26.20146	2015-05-01
G4105	Picea_abies	native	57.70159	26.23994	2015-05-01
G4109	mixed	ND	59.39403	27.84604	2015-05-04
G4106	mixed	ND	59.34908	28.14477	2015-05-04
G4111	mixed	ND	59.37509	27.86299	2015-05-04
G4108	mixed	ND	59.41463	27.95951	2015-05-04
G4107	Tilia_cordata	native	59.41076	27.97139	2015-05-04
S516	Picea_abies	native	58.3701	26.5561	2015-05-04
S496	mixed	ND	58.4176	26.588	2015-05-05
S448	mixed	ND	58.566	23.211	2015-05-07
S449	mixed	ND	58.551	23.0735	2015-05-07
G4118	mixed	ND	58.56895	23.23048	2015-05-07
G4119	mixed	ND	58.53566	23.08956	2015-05-07
G4125	mixed	ND	58.56412	23.28072	2015-05-07
S447	mixed	ND	58.609	23.173	2015-05-07
G4115	mixed	ND	58.55604	23.27395	2015-05-07
G4117	Corylus_avellana	native	58.61793	23.18202	2015-05-07
G4126	mixed	ND	58.59361	23.17602	2015-05-08
G4123	mixed	ND	58.67579	23.16582	2015-05-08
G4124	mixed	ND	58.58693	23.28597	2015-05-08
S446	mixed	ND	58.601	23.294	2015-05-08
G4121	mixed	ND	58.59043	23.08258	2015-05-08
G4122	Corylus_avellana	native	58.60097	23.09898	2015-05-08
G4129	mixed	ND	58.55107	22.91708	2015-05-09
G4131	mixed	ND	58.58903	22.85268	2015-05-09
G4127	Tilia_cordata	native	58.53679	23.0413	2015-05-09
G4132	Tilia_cordata	native	58.47591	22.78101	2015-05-09

G4130	Betula_pendula	native	58.58002	22.84337	2015-05-09
G4128	Quercus_robur	native	58.58311	22.9322	2015-05-09
G4133	mixed	ND	58.35967	22.82632	2015-05-10
G4136	mixed	ND	58.17031	24.955	2015-05-10
G4134	mixed	ND	58.37815	22.9243	2015-05-10
G4135	Corylus_avellana	native	58.40286	22.88935	2015-05-10
S454	mixed	ND	58.476	25.5154	2015-05-26
S453	mixed	ND	58.5601	25.5544	2015-05-26
S451	mixed	ND	58.4594	26.0845	2015-05-26
S452	Quercus_robur	native	58.4877	26.0504	2015-05-26
G4154	mixed	ND	58.94185	25.44514	2015-05-27
G4158	mixed	ND	58.80019	25.67248	2015-05-27
G4156	Tilia_cordata	native	58.91272	25.61173	2015-05-27
G4157	Corylus_avellana	native	58.89217	25.71693	2015-05-27
G4155	Salix_alba	introduced	58.90255	25.57723	2015-05-27
G4159	mixed	ND	58.31881	25.51712	2015-05-31
G4166	mixed	ND	58.31913	25.7798	2015-05-31
G4161	mixed	ND	58.29834	25.5007	2015-05-31
G4162	mixed	ND	58.25145	25.48897	2015-05-31
G4163	mixed	ND	58.20641	25.45762	2015-05-31
G4160	mixed	ND	58.31679	25.49964	2015-05-31
G4164	Betula_pendula	native	58.27206	25.62077	2015-05-31
G4165	Salix_caprea	native	58.27242	25.68144	2015-05-31
G4168	mixed	ND	58.97189	26.94217	2015-06-02
G4170	mixed	ND	58.78374	26.77475	2015-06-02
G4169	Betula_pendula	native	58.83692	26.80751	2015-06-02
G4167	Salix_pentandra	native	58.92051	27.01118	2015-06-02
G4171	mixed	ND	58.48766	26.22524	2015-06-04
G4172	mixed	ND	58.54138	26.19709	2015-06-04
G4173	mixed	ND	57.97677	25.92078	2015-06-07
G4174	mixed	ND	57.86071	25.87761	2015-06-07
G4176	mixed	ND	57.96317	25.71178	2015-06-07
G4178	mixed	ND	58.03199	25.77246	2015-06-07
G4175	mixed	ND	57.91811	25.87444	2015-06-07
G4177	mixed	ND	58.00505	25.55198	2015-06-07
G4179	mixed	ND	58.55342	27.00963	2015-06-10
G4180	mixed	ND	58.55229	27.11187	2015-06-10
G4181	mixed	ND	58.60784	27.11763	2015-06-10
G4183	mixed	ND	58.10004	27.49112	2015-06-13
G4184	mixed	ND	58.12625	27.52591	2015-06-13
G4185	Picea_abies	native	58.10242	27.47875	2015-06-13
G4188	mixed	ND	57.74963	27.46149	2015-06-14
G4187	mixed	ND	57.70927	27.42154	2015-06-14
G4186	mixed	ND	57.69097	27.35867	2015-06-14
G4189	Populus_tremula	native	57.84444	27.20142	2015-06-14
G4194	mixed	ND	58.69371	25.94653	2015-06-17

G4192	mixed	ND	58.69936	25.89106	2015-06-17
G4190	<i>Tilia_cordata</i>	native	58.62416	25.92107	2015-06-17
G4191	<i>Tilia_cordata</i>	native	58.69443	25.73916	2015-06-17
G4195	<i>Quercus_robur</i>	native	58.66293	26.08466	2015-06-17
G4193	<i>Picea_abies</i>	native	58.70757	25.90916	2015-06-17
G4196	mixed	ND	58.27992	25.23166	2015-06-21
G4200	mixed	ND	58.47029	24.90098	2015-06-21
G4201	mixed	ND	58.56521	25.27874	2015-06-21
G4197	mixed	ND	58.45205	24.76821	2015-06-21
G4199	mixed	ND	58.46025	24.77642	2015-06-21
G4198	<i>Quercus_robur</i>	native	58.45005	24.76498	2015-06-21
G4202	<i>Alnus_glutinosa</i>	native	59.51083	24.81622	2015-06-22
G4203	mixed	ND	59.63416	25.76802	2015-06-23
G4204	mixed	ND	59.63815	25.7568	2015-06-23
G4209	mixed	ND	59.49752	25.08889	2015-06-23
G4206	mixed	ND	59.47463	25.46561	2015-06-23
G4207	mixed	ND	59.49261	25.28566	2015-06-23
G4208	mixed	ND	59.47425	25.16384	2015-06-23
G4210	mixed	ND	58.9642	24.04112	2015-06-24
G4212	mixed	ND	58.83246	23.85741	2015-06-24
G4214	mixed	ND	58.93124	24.18453	2015-06-24
G4215	mixed	ND	58.95377	24.21012	2015-06-24
G4213	<i>Tilia_cordata</i>	native	58.8548	23.96153	2015-06-24
G4211	<i>Populus_tremula</i>	native	58.8231	23.8316	2015-06-24
S517	<i>Picea_abies</i>	native	58.3701	26.5561	2015-06-25
S497	mixed	ND	58.4176	26.588	2015-06-26
G4216	mixed	ND	59.37045	24.59195	2015-06-26
G4219	mixed	ND	59.32056	24.35037	2015-06-26
G4220	mixed	ND	59.36552	24.1268	2015-06-26
G4218	<i>Tilia_cordata</i>	native	59.46176	24.37443	2015-06-26
G4222	<i>Tilia_cordata</i>	native	59.38461	24.03861	2015-06-26
G4221	<i>Corylus_avellana</i>	native	59.3834	24.04384	2015-06-26
G4224	mixed	ND	58.92665	24.39394	2015-06-27
G4227	mixed	ND	58.67014	24.49917	2015-06-27
G4225	mixed	ND	58.7675	24.24921	2015-06-27
G4223	<i>Tilia_cordata</i>	native	58.92127	24.4496	2015-06-27
G4226	<i>Betula_pendula</i>	native	58.66648	24.47796	2015-06-27
G4229	<i>Quercus_robur</i>	native	58.88604	24.4728	2015-06-27
G4228	<i>Populus_tremula</i>	native	58.77466	24.47113	2015-06-27
G4230	<i>Tilia_cordata</i>	native	59.43324	24.73524	2015-06-28
G4231	<i>Salix_caprea</i>	native	59.45245	24.85831	2015-06-28
G4233	mixed	ND	59.09698	24.91857	2015-06-29
G4236	mixed	ND	59.20217	24.8887	2015-06-29
G4232	mixed	ND	59.10254	24.82091	2015-06-29
G4234	<i>Betula_pendula</i>	native	59.04783	25.10548	2015-06-29
G4235	<i>Picea_abies</i>	native	59.04865	25.02258	2015-06-29

G4237	mixed	ND	58.18332	26.90637	2015-07-02
G4238	<i>Betula_pendula</i>	native	58.39994	26.69266	2015-07-03
G4242	mixed	ND	58.66776	26.76167	2015-07-04
G4239	mixed	ND	58.9959	27.74103	2015-07-04
G4240	mixed	ND	59.17464	27.79904	2015-07-04
S457	mixed	ND	59.1386	27.81751	2015-07-04
G4241	mixed	ND	59.1106	27.57847	2015-07-04
S507	mixed	ND	58.04031	26.46058	2015-07-05
G4245	mixed	ND	57.61513	26.6114	2015-07-05
G4250	mixed	ND	57.63764	27.04034	2015-07-05
G4244	mixed	ND	57.75937	26.57639	2015-07-05
G4247	mixed	ND	57.58101	26.61423	2015-07-05
G4249	mixed	ND	57.6387	26.9097	2015-07-05
G4246	mixed	ND	57.58569	26.64614	2015-07-05
G4243	<i>Tilia_cordata</i>	native	57.8628	26.61021	2015-07-05
G4256	mixed	ND	58.47159	25.54663	2015-07-09
G4255	mixed	ND	58.47737	25.4637	2015-07-09
G4253	mixed	ND	58.39744	25.66688	2015-07-09
G4251	mixed	ND	58.3913	25.74195	2015-07-09
G4254	<i>Salix_caprea</i>	native	58.39614	25.6632	2015-07-09
G4257	<i>Salix_fragilis</i>	introduced	58.36433	25.58592	2015-07-09
G4258	mixed	ND	58.35593	27.28802	2015-07-11
G4259	mixed	ND	58.28217	27.38359	2015-07-11
S503	mixed	ND	58.49291	24.13659	2015-07-12
G4260	mixed	ND	57.91466	27.69713	2015-07-12
G4261	mixed	ND	57.94398	27.29372	2015-07-12
S501	mixed	ND	58.50835	24.10847	2015-07-12
S502	mixed	ND	58.50206	24.11465	2015-07-12
S500	mixed	ND	58.548	23.9912	2015-07-12
S506	mixed	ND	58.3972	24.09308	2015-07-13
S504	mixed	ND	58.58833	24.35435	2015-07-13
S505	mixed	ND	58.37978	24.05879	2015-07-13
G4265	mixed	ND	58.04024	25.79569	2015-07-15
G4267	mixed	ND	58.14075	25.68184	2015-07-15
G4264	mixed	ND	58.10334	25.90432	2015-07-15
G4266	mixed	ND	58.14011	25.69482	2015-07-15
G4262	<i>Populus_tremula</i>	native	58.1045	26.00713	2015-07-15
G4273	mixed	ND	58.91527	25.17961	2015-07-17
G4271	mixed	ND	58.90765	24.93117	2015-07-17
G4268	mixed	ND	59.0269	25.63589	2015-07-17
G4272	<i>Alnus_incana</i>	native	58.90378	25.09558	2015-07-17
G4270	<i>Populus_tremula</i>	native	58.99323	25.08443	2015-07-17
G4274	<i>Betula_pendula</i>	native	57.94402	27.65129	2015-07-19
G4276	mixed	ND	58.93485	23.58988	2015-07-20
G4277	mixed	ND	59.07708	22.63511	2015-07-20
G4280	mixed	ND	58.8653	22.93925	2015-07-20

G4275	mixed	ND	58.94699	23.74408	2015-07-20
G4278	mixed	ND	58.89158	22.99835	2015-07-21
S468	mixed	ND	58.91431	22.67471	2015-07-21
S471	mixed	ND	58.85375	22.56574	2015-07-21
G4279	mixed	ND	58.88085	22.95802	2015-07-21
G4283	mixed	ND	58.84292	23.04166	2015-07-21
G4285	mixed	ND	58.80144	22.83915	2015-07-21
G4282	<i>Quercus_robur</i>	native	58.86964	22.94076	2015-07-21
G4284	<i>Corylus_avellana</i>	native	58.84627	22.99793	2015-07-21
G4288	mixed	ND	58.9938	22.80058	2015-07-22
S473	mixed	ND	58.7183	22.52558	2015-07-22
S475	mixed	ND	58.71817	22.51345	2015-07-22
G4289	mixed	ND	58.84069	22.78429	2015-07-22
S472	mixed	ND	58.70136	22.50552	2015-07-22
S474	mixed	ND	58.71806	22.51694	2015-07-22
G4296	mixed	ND	58.7925	22.82919	2015-07-22
S459	mixed	ND	58.78842	22.47252	2015-07-22
G4291	<i>Helianthemum_nummularium</i>	native	58.76182	22.80332	2015-07-22
S467	mixed	ND	58.92356	22.05616	2015-07-23
S460	mixed	ND	58.9341	22.16529	2015-07-23
S465	mixed	ND	58.89994	22.2581	2015-07-23
S466	mixed	ND	58.92065	22.33186	2015-07-23
G4297	mixed	ND	58.99143	22.43933	2015-07-23
G4299	<i>Tilia_cordata</i>	native	58.98247	22.46456	2015-07-23
G4300	<i>Alnus_glutinosa</i>	native	58.93359	22.39061	2015-07-23
G4306	mixed	ND	58.69647	22.5162	2015-07-24
S461	mixed	ND	58.83212	23.12336	2015-07-24
S462	mixed	ND	58.83752	23.12283	2015-07-24
S463	mixed	ND	58.75463	23.09454	2015-07-24
S458	mixed	ND	58.9741	22.84718	2015-07-24
S464	mixed	ND	58.98545	22.8584	2015-07-24
S469	mixed	ND	58.97688	22.8645	2015-07-24
G4301	<i>Betula_pendula</i>	native	58.83258	22.63346	2015-07-24
G4305	<i>Pinus_sylvestris</i>	native	58.72023	22.46615	2015-07-24
S476	mixed	ND	58.78311	23.04464	2015-07-25
G4308	mixed	ND	58.74179	23.13487	2015-07-25
G4309	mixed	ND	58.76592	23.08095	2015-07-25
S477	mixed	ND	58.78039	23.04814	2015-07-25
S478	mixed	ND	58.77486	23.04723	2015-07-25
G4307	<i>Betula_pendula</i>	native	58.79553	23.00588	2015-07-25
S479	mixed	ND	58.90898	23.63845	2015-07-26
S480	mixed	ND	58.80407	25.22249	2015-07-26
S481	mixed	ND	58.80102	25.26525	2015-07-26
G4313	mixed	ND	58.72258	25.06363	2015-07-26
G4311	mixed	ND	58.87539	24.74554	2015-07-26
G4312	mixed	ND	58.69373	24.96776	2015-07-26

G4310	Quercus_robur	native	58.9508	23.63036	2015-07-26
S568	mixed	ND	59.25517	26.42818	2015-07-30
S563	mixed	ND	59.20575	26.32442	2015-07-30
S566	Quercus_robur	native	59.20778	26.43448	2015-07-30
S508	mixed	ND	59.08257	23.73767	2015-08-02
S509	mixed	ND	59.00297	23.48397	2015-08-02
G4343	mixed	ND	58.12591	27.3317	2015-08-15
G4344	mixed	ND	58.16686	27.30071	2015-08-15
G4345	mixed	ND	57.73167	27.35911	2015-08-16
G4348	Quercus_robur	native	57.84645	27.20106	2015-08-16
G4347	Alnus_incana	native	57.75965	27.47665	2015-08-16
G4346	Picea_abies	native	57.76052	27.47502	2015-08-16
G4349	mixed	ND	58.63981	24.3248	2015-08-17
G4350	mixed	ND	58.60927	24.18329	2015-08-17
G4352	mixed	ND	58.6117	23.97482	2015-08-17
G4351	mixed	ND	58.61721	24.03508	2015-08-17
S498	mixed	ND	58.4176	26.588	2015-08-18
G4353	mixed	ND	58.68618	23.69075	2015-08-18
G4354	Betula_pendula	native	58.67603	23.533	2015-08-18
S518	Picea_abies	native	58.3701	26.5561	2015-08-18
G4355	mixed	ND	58.4647	23.8335	2015-08-19
G4357	mixed	ND	58.54237	23.71942	2015-08-19
G4356	mixed	ND	58.56201	23.72078	2015-08-19
G4358	mixed	ND	58.38711	23.83884	2015-08-20
G4359	mixed	ND	58.42663	23.69535	2015-08-20
G4360	Betula_pendula	native	58.55383	23.59506	2015-08-20
G4364	mixed	ND	58.61372	23.81123	2015-08-21
G4362	mixed	ND	58.55742	23.55254	2015-08-21
G4363	mixed	ND	58.65203	23.62096	2015-08-21
G4361	Alnus_incana	native	58.58855	23.57538	2015-08-21
S510	mixed	ND	58.1282	23.98151	2015-08-22
S511	mixed	ND	58.14078	23.99018	2015-08-22
S512	mixed	ND	58.13262	23.97074	2015-08-22
S482	mixed	ND	59.3267	24.5699	2015-08-22
S487	mixed	ND	58.18964	26.20608	2015-08-23
S488	mixed	ND	58.22851	26.2963	2015-08-23
S483	mixed	ND	58.1843	27.3847	2015-08-23
S484	Alnus_glutinosa	native	58.217	27.4399	2015-08-23
S485	mixed	ND	58.2017	26.5791	2015-08-26
G4368	mixed	ND	59.51025	26.57118	2015-08-27
G4365	mixed	ND	59.48589	26.52472	2015-08-27
G4367	Tilia_cordata	native	59.49747	26.52084	2015-08-27
G4366	Quercus_robur	native	59.50728	26.54138	2015-08-27
G4372	mixed	ND	58.69554	26.91282	2015-09-04
G4374	Tilia_cordata	native	58.60436	27.12826	2015-09-04
S490	mixed	ND	58.23853	26.21607	2015-09-06

S556	mixed	ND	59.19716	26.15651	2015-09-06
S559	mixed	ND	59.13592	26.16336	2015-09-06
S489	mixed	ND	58.21269	26.26296	2015-09-06
G4375	mixed	ND	58.28933	26.94715	2015-09-06
S561	mixed	ND	59.16674	26.07309	2015-09-06
G4376	mixed	ND	58.03576	26.75627	2015-09-10
G4378	mixed	ND	58.00251	26.67547	2015-09-10
G4377	mixed	ND	58.01186	26.66654	2015-09-10
G4380	mixed	ND	57.52467	26.48508	2015-09-11
S577	mixed	ND	58.03085	26.39882	2015-09-11
G4379	mixed	ND	57.54291	26.45242	2015-09-11
G4383	mixed	ND	57.90104	26.28249	2015-09-12
G4384	mixed	ND	57.93279	26.23701	2015-09-12
S595	mixed	ND	58.03424	26.47601	2015-09-12
G4381	mixed	ND	57.88603	26.38902	2015-09-12
G4382	mixed	ND	57.90261	26.27616	2015-09-12
G4385	mixed	ND	57.95575	26.27273	2015-09-12
G4386	mixed	ND	57.70143	26.45922	2015-09-13
G4389	mixed	ND	57.52091	26.6012	2015-09-13
S550	mixed	ND	57.5512	26.55757	2015-09-13
S594	mixed	ND	57.55567	26.54335	2015-09-13
G4388	mixed	ND	57.51062	26.61442	2015-09-13
G4393	mixed	ND	58.04115	26.36303	2015-09-14
S579	mixed	ND	57.57234	26.667	2015-09-14
S578	mixed	ND	57.58198	26.64923	2015-09-14
G4390	mixed	ND	58.01453	26.46222	2015-09-14
S576	mixed	ND	57.53688	26.58616	2015-09-14
G4401	mixed	ND	57.91884	26.63531	2015-09-15
G4394	mixed	ND	57.98353	26.3588	2015-09-15
G4402	mixed	ND	57.97119	26.59306	2015-09-15
G4395	mixed	ND	57.96374	26.34832	2015-09-15
G4396	mixed	ND	57.94794	26.38082	2015-09-15
G4403	mixed	ND	57.92431	26.7624	2015-09-16
S585	mixed	ND	59.14031	24.23269	2015-09-17
S584	mixed	ND	59.18165	24.56432	2015-09-17
G4406	mixed	ND	59.20745	27.15334	2015-09-18
S492	mixed	ND	59.23487	27.38942	2015-09-18
G4405	mixed	ND	59.22482	27.34011	2015-09-18
G4407	mixed	ND	59.1842	27.15056	2015-09-18
S491	mixed	ND	59.37022	27.49997	2015-09-18
S587	mixed	ND	59.02434	24.37966	2015-09-18
S588	mixed	ND	59.08235	24.31246	2015-09-18
G4404	mixed	ND	59.39022	27.45956	2015-09-18
S586	mixed	ND	59.02274	24.40731	2015-09-18
S589	mixed	ND	59.10435	24.34035	2015-09-19
G4412	mixed	ND	57.97854	25.55026	2015-09-20

S554	mixed	ND	59.32169	26.2621	2015-09-20
G4413	mixed	ND	57.98693	25.56089	2015-09-20
S553	mixed	ND	59.30415	26.24502	2015-09-20
S591	mixed	ND	59.04086	24.507	2015-09-20
S590	mixed	ND	59.01857	24.28041	2015-09-20
G4414	mixed	ND	57.99961	25.54629	2015-09-20
S499	mixed	ND	58.4176	26.588	2015-09-22
S495	Picea_abies	native	58.3701	26.5561	2015-09-22
G4420	mixed	ND	58.67367	24.61965	2015-09-24
S493	mixed	ND	58.67577	24.60297	2015-09-24
G4419	mixed	ND	58.67427	24.61056	2015-09-24
G4418	mixed	ND	58.68433	24.69581	2015-09-24
G4417	mixed	ND	58.67886	24.69484	2015-09-24
S574	mixed	ND	58.46721	22.3082	2015-09-25
G4424	mixed	ND	58.28111	21.83647	2015-09-25
G4425	mixed	ND	58.17355	22.14902	2015-09-25
G4423	mixed	ND	58.29241	21.85424	2015-09-25
S569	mixed	ND	58.3782	22.21022	2015-09-25
G4426	mixed	ND	58.34617	21.96826	2015-09-25
S572	mixed	ND	58.49144	22.21582	2015-09-25
S571	mixed	ND	58.37142	22.20443	2015-09-25
S573	mixed	ND	58.43581	22.04076	2015-09-25
G4422	Corylus_avellana	native	58.30035	21.83533	2015-09-25
S544	mixed	ND	59.4228	26.1435	2015-09-26
S543	mixed	ND	59.4561	26.0051	2015-09-26
S558	mixed	ND	59.3382	26.3507	2015-09-26
S545	mixed	ND	59.5711	26.2712	2015-09-26
S546	mixed	ND	59.4965	26.3097	2015-09-26
S547	mixed	ND	59.3901	26.3754	2015-09-26
G4427	mixed	ND	58.11562	22.21424	2015-09-26
G4428	mixed	ND	58.11566	22.21431	2015-09-26
G4430	mixed	ND	57.95327	22.12184	2015-09-26
G4431	mixed	ND	58.58195	22.54854	2015-09-27
G4436	mixed	ND	58.42778	24.28947	2015-09-27
G4434	mixed	ND	58.5377	24.06659	2015-09-27
G4432	mixed	ND	58.47507	22.94365	2015-09-27
G4435	mixed	ND	58.47546	24.3331	2015-09-27
S570	Betula_pendula	native	58.47962	22.94584	2015-09-27
G4448	mixed	ND	58.62274	26.2926	2015-09-30
G4444	mixed	ND	58.53676	26.28322	2015-09-30
G4445	mixed	ND	58.54556	26.37929	2015-09-30
G4449	mixed	ND	58.70322	26.14475	2015-09-30
G4446	mixed	ND	58.58016	26.43521	2015-09-30
G4454	mixed	ND	58.06163	24.54246	2015-10-04
G4450	mixed	ND	58.019	24.68039	2015-10-04
G4452	mixed	ND	57.98103	24.67273	2015-10-04

G4451	mixed	ND	57.94707	24.62104	2015-10-04
S583	mixed	ND	58.33326	27.18975	2015-10-04
G4455	mixed	ND	57.53212	27.33267	2015-10-06
G4456	mixed	ND	57.43844	27.30075	2015-10-06
G4457	mixed	ND	57.50349	27.10151	2015-10-06
G4458	<i>Quercus_robur</i>	native	57.62578	26.9993	2015-10-06
G4459	<i>Picea_abies</i>	native	57.62597	26.95557	2015-10-06
G4461	<i>Salix_viminalis</i>	native	58.28634	26.54899	2015-10-08
G4462	<i>Salix_viminalis</i>	native	58.25166	26.71276	2015-10-08
G4467	mixed	ND	59.38033	25.3035	2015-10-09
G4468	mixed	ND	59.16326	25.42893	2015-10-09
G4463	mixed	ND	59.42742	25.01653	2015-10-09
G4471	mixed	ND	59.20556	25.10089	2015-10-09
G4464	mixed	ND	59.45059	25.22167	2015-10-09
S560	mixed	ND	58.9926	26.3414	2015-10-09
G4470	mixed	ND	59.18189	25.22027	2015-10-09
G4469	<i>Salix_caprea</i>	native	59.17969	25.23308	2015-10-09
G4465	<i>Salix_alba</i>	introduced	59.44521	25.26929	2015-10-09
G4476	mixed	ND	59.35663	24.90358	2015-10-10
G4473	mixed	ND	59.34574	24.87833	2015-10-10
G4474	mixed	ND	59.35123	24.95902	2015-10-10
G4475	mixed	ND	59.32602	25.11184	2015-10-10
S557	mixed	ND	59.0984	26.5345	2015-10-11
S551	<i>Quercus_robur</i>	native	59.2819	26.2523	2015-10-11
G4492	mixed	ND	57.90369	26.2774	2015-10-13
G4477	mixed	ND	57.90066	26.28343	2015-10-13
G4498	mixed	ND	59.15358	25.65769	2015-10-14
G4500	mixed	ND	59.12606	25.85231	2015-10-14
G4501	mixed	ND	59.12461	25.85034	2015-10-14
G4502	mixed	ND	59.11289	25.80023	2015-10-14
G4495	<i>Tilia_cordata</i>	native	59.02957	25.70598	2015-10-14
G4496	<i>Tilia_cordata</i>	native	59.09768	25.69973	2015-10-14
G4497	<i>Salix_caprea</i>	native	59.15164	25.66416	2015-10-14
G4499	<i>Picea_abies</i>	native	59.12809	25.76396	2015-10-14
S562	mixed	ND	59.1243	26.31548	2015-10-17
S565	mixed	ND	59.29079	26.43204	2015-10-17
S549	mixed	ND	59.27565	26.3543	2015-10-17
G4504	mixed	ND	58.23795	27.2178	2015-10-17
G4503	mixed	ND	58.27394	26.92525	2015-10-17
G4505	mixed	ND	58.27247	27.06854	2015-10-17
G4506	mixed	ND	58.29724	27.06813	2015-10-17
S548	mixed	ND	59.04003	26.74493	2015-10-18
S552	mixed	ND	58.9652	26.6024	2015-10-18
G4508	mixed	ND	58.41209	26.96311	2015-10-18
G4507	<i>Salix_caprea</i>	native	58.38237	26.96401	2015-10-18
G4514	mixed	ND	58.69157	25.69677	2015-10-20

G4510	mixed	ND	58.65885	25.25881	2015-10-20
G4513	<i>Populus_tremula</i>	native	58.67847	25.5136	2015-10-20
G4515	mixed	ND	58.40486	25.85168	2015-10-22
G4516	mixed	ND	58.45857	25.83877	2015-10-22
G4518	mixed	ND	58.35005	25.60564	2015-10-22
G4519	mixed	ND	58.34921	25.53711	2015-10-22
G4520	mixed	ND	58.38441	25.33371	2015-10-22
G4517	<i>Betula_pendula</i>	native	58.45543	25.83043	2015-10-22
G4521	<i>Salix_alba</i>	introduced	58.36391	25.58831	2015-10-22
G4527	mixed	ND	59.28319	26.77791	2015-10-24
G4522	mixed	ND	59.00103	26.79703	2015-10-24
G4526	mixed	ND	59.24696	26.528	2015-10-24
G4524	mixed	ND	59.17149	26.5875	2015-10-24
G4528	mixed	ND	59.29111	26.88034	2015-10-24
G4523	<i>Tilia_cordata</i>	native	59.11146	26.63559	2015-10-24
G4529	mixed	ND	58.17839	26.86382	2015-10-25
G4531	mixed	ND	57.62166	27.1793	2015-11-03
G4532	mixed	ND	57.63871	27.08991	2015-11-03
G4538	mixed	ND	58.95459	26.37764	2015-11-05
G4537	mixed	ND	59.00988	26.11501	2015-11-05
G4534	mixed	ND	58.94356	26.08618	2015-11-05
G4536	mixed	ND	58.97005	25.94334	2015-11-05
G4535	<i>Salix_alba</i>	introduced	58.9361	26.0736	2015-11-05
S580	mixed	ND	58.28311	24.72518	2015-11-15
G4540	mixed	ND	57.73179	26.92081	2015-11-15
S581	mixed	ND	58.31284	24.68531	2015-11-15
S582	mixed	ND	58.33673	24.65504	2015-11-16
G4543	mixed	ND	59.31302	24.49305	2015-11-21
G4544	mixed	ND	59.3875	24.4164	2015-11-21
G4542	mixed	ND	57.85263	26.87997	2015-11-21
G4545	mixed	ND	59.11129	24.77781	2015-11-22
G4546	mixed	ND	59.06406	24.67274	2015-11-22
G4547	mixed	ND	59.06671	24.70329	2015-11-22
S593	<i>Quercus_robur</i>	native	58.46851	26.72559	2015-12-05
G4553	mixed	ND	57.85546	24.53828	2015-12-06
G4550	mixed	ND	58.04162	25.01002	2015-12-06
G4551	mixed	ND	58.03189	24.96371	2015-12-06
G4552	mixed	ND	57.84563	24.71121	2015-12-06
G4554	mixed	ND	58.35735	26.88689	2015-12-13
G4556	mixed	ND	58.65833	25.96883	2015-12-19
G4555	mixed	ND	58.55958	25.84749	2015-12-19
G4557	<i>Picea_abies</i>	native	59.54978	24.80877	2015-12-25
G4559	mixed	ND	59.44182	24.50343	2015-12-26
G4558	mixed	ND	59.44064	24.52266	2015-12-26
G4562	mixed	ND	59.40053	24.25788	2015-12-26
G4561	<i>Corylus_avellana</i>	native	59.42105	24.33486	2015-12-26

G4563	Betula_pendula	native	59.4085	24.7985	2016-02-13
G4564	mixed	ND	59.43556	24.63726	2016-02-14
G4597	mixed	ND	57.9528	27.12351	2016-03-20
G4596	Quercus_robur	native	57.83847	27.19867	2016-03-20
G4599	mixed	ND	58.07906	26.00937	2016-03-25
G4600	mixed	ND	58.17785	25.65604	2016-03-25
G4603	mixed	ND	58.24544	26.68631	2016-04-03
G4602	mixed	ND	58.02791	26.92454	2016-04-03
G4606	mixed	ND	59.32067	25.43214	2016-04-07
G4604	mixed	ND	59.24726	25.68298	2016-04-07
G4605	mixed	ND	59.25269	25.64206	2016-04-07
G4607	mixed	ND	59.32068	25.43215	2016-04-07
G4609	mixed	ND	59.20578	24.92858	2016-04-09
G4608	Quercus_robur	native	59.22307	24.97138	2016-04-09
G4610	Salix_caprea	native	59.29395	24.90647	2016-04-09
G4612	mixed	ND	58.94682	26.37125	2016-04-16
G4613	Betula_pendula	native	58.74765	26.62599	2016-04-16
G4611	Alnus_incana	native	58.71484	26.43655	2016-04-16
G4615	mixed	ND	58.21683	26.92623	2016-05-01
G4614	Salix_alba	introduced	58.21787	26.93233	2016-05-01
G4616	mixed	ND	59.35593	24.14681	2016-05-06
G4619	mixed	ND	59.0828	24.27337	2016-05-06
G4618	mixed	ND	59.07597	24.13359	2016-05-06
G4617	Salix_caprea	native	59.35358	24.14266	2016-05-06
G4622	mixed	ND	59.21186	23.93378	2016-05-07
G4620	mixed	ND	59.21874	24.14135	2016-05-07
G4621	mixed	ND	59.18242	24.26531	2016-05-07
G4625	mixed	ND	58.73808	25.80413	2016-05-08
G4624	mixed	ND	58.76628	25.78772	2016-05-08
G4623	Pinus_sylvestris	native	59.18587	23.83031	2016-05-08
G4628	mixed	ND	59.1545	26.8274	2016-05-11
G4626	mixed	ND	59.07754	26.76145	2016-05-11
G4627	mixed	ND	59.11369	26.75944	2016-05-11
G4629	mixed	ND	58.50582	26.48343	2016-05-15
G4630	mixed	ND	58.52922	26.35785	2016-05-15
G4631	Salix_alba	introduced	58.38029	26.73367	2016-05-15
G4633	mixed	ND	57.71522	27.0577	2016-05-17
G4634	mixed	ND	57.54299	26.9449	2016-05-17
G4632	mixed	ND	57.73489	27.06409	2016-05-17
G4636	mixed	ND	57.72659	26.92051	2016-05-17
G4635	Corylus_avellana	native	57.52906	26.86514	2016-05-17
G4637	Tilia_cordata	native	58.25126	26.78071	2016-05-20
G4638	mixed	ND	58.39058	26.88647	2016-05-22
G4643	mixed	ND	58.46726	25.44357	2016-06-05
G4644	mixed	ND	58.39563	25.60391	2016-06-05
G4639	Tilia_cordata	native	58.35937	25.59228	2016-06-05

G4641	Betula_pendula	native	58.36562	26.62687	2016-06-05
G4642	Quercus_robur	native	58.36566	25.58586	2016-06-05
G4640	Corylus_avellana	native	58.36003	25.59288	2016-06-05
G4645	mixed	ND	59.215	25.042	2016-06-20
G4649	mixed	ND	59.5836	25.6283	2016-06-21
G4646	mixed	ND	59.4044	25.9027	2016-06-21
G4647	mixed	ND	59.4798	25.9058	2016-06-21
G4650	Picea_abies	native	59.5836	25.6273	2016-06-21
G4648	Pinus_sylvestris	native	59.5769	25.9528	2016-06-21
G4652	mixed	ND	59.4423	24.526	2016-06-22
G4651	Betula_pendula	native	59.4194	24.66265	2016-06-22
G4653	Salix_alba	introduced	59.4433	24.7938	2016-06-23
G4669	mixed	ND	59.02551	24.95239	2016-06-24
G4666	Betula_pendula	native	59.0671	24.7593	2016-06-24
G4667	Salix_caprea	native	59.06159	24.75966	2016-06-24
G4670	mixed	ND	59.366	24.781	2016-06-25
G4672	mixed	ND	59.47026	24.88203	2016-06-26
G4671	Tilia_cordata	native	59.46705	24.87833	2016-06-26
G4673	mixed	ND	58.022	26.9251	2016-06-27
S674	mixed	ND	58.62933	23.02356	2016-07-01
S675	mixed	ND	58.00971	22.12827	2016-07-02
G4675	mixed	ND	58.24519	22.0354	2016-07-02
S678	mixed	ND	58.28355	22.54061	2016-07-03
S676	mixed	ND	58.31299	22.41582	2016-07-03
S677	mixed	ND	58.2844	22.54025	2016-07-03
S679	mixed	ND	58.40062	22.25178	2016-07-03
S680	mixed	ND	58.23121	22.08396	2016-07-04
G4678	mixed	ND	58.25124	22.00562	2016-07-04
S681	mixed	ND	58.26628	22.12264	2016-07-04
S682	mixed	ND	58.48718	21.95993	2016-07-04
G4676	Corylus_avellana	native	58.263	22.0343	2016-07-04
G4677	Salix_cinerea	native	58.2617	21.9127	2016-07-04
S683	mixed	ND	58.44261	22.29135	2016-07-05
G4683	mixed	ND	59.41085	24.79904	2016-07-05
S685	mixed	ND	58.34873	22.07884	2016-07-05
S684	Tilia_cordata	native	58.46634	22.30828	2016-07-05
S686	mixed	ND	58.15469	22.50151	2016-07-06
G4682	mixed	ND	59.6342	24.99949	2016-07-06
G4681	Populus_tremula	native	59.61553	24.99532	2016-07-06
G4680	Salix_phylicifolia	native	59.61535	24.98596	2016-07-06
G4679	Salix_triaandra	native	59.61505	24.98713	2016-07-06
G4686	mixed	ND	57.79313	27.1696	2016-07-16
G4687	mixed	ND	57.799	27.1559	2016-07-16
G4685	mixed	ND	57.8089	27.04915	2016-07-16
G4688	Salix_alba	introduced	58.37058	26.79971	2016-07-17
G4689	mixed	ND	58.32371	25.90441	2016-07-19

G4693	mixed	ND	58.28012	25.58443	2016-07-19
G4690	mixed	ND	58.30279	25.81747	2016-07-19
G4694	mixed	ND	58.33807	25.45529	2016-07-19
G4691	<i>Tilia_cordata</i>	native	58.2344	25.8958	2016-07-19
G4692	<i>Salix_pentandra</i>	native	58.24891	25.68695	2016-07-19
G4700	mixed	ND	58.976	26.048	2016-07-21
G4699	mixed	ND	58.981	26.2587	2016-07-21
G4696	mixed	ND	58.73948	26.64526	2016-07-21
G4698	mixed	ND	58.988	26.32	2016-07-21
G4697	<i>Quercus_robur</i>	native	58.76801	26.5651	2016-07-21
G4695	<i>Salix_caprea</i>	native	58.63503	26.69661	2016-07-21
G4701	<i>Salix_caprea</i>	native	58.35759	26.63616	2016-07-23
G4702	mixed	ND	57.71752	27.05494	2016-07-24
S702	mixed	ND	57.80113	23.26129	2016-07-30
S673	mixed	ND	58.1447	23.9683	2016-07-30
S703	<i>Corylus_avellana</i>	native	57.80539	23.24117	2016-07-30
S672	<i>Pinus_sylvestris</i>	native	58.1448	24.0118	2016-07-30
S701	<i>Pinus_sylvestris</i>	native	57.78934	23.27037	2016-07-30
G4704	mixed	ND	59.21817	27.35086	2016-08-01
G4705	mixed	ND	59.2551	27.5777	2016-08-01
G4703	mixed	ND	59.224	27.326	2016-08-01
G4706	<i>Tilia_cordata</i>	native	59.27139	27.51445	2016-08-01
G4723	mixed	ND	58.62853	23.43437	2016-08-15
G4724	<i>Populus_berolinensis</i>	introduced	58.7297	23.9714	2016-08-15
G4725	<i>Salix_alba</i>	introduced	58.55894	23.55104	2016-08-15
G4728	mixed	ND	59.00616	23.1999	2016-08-17
G4727	mixed	ND	58.9914	23.193	2016-08-17
G4726	mixed	ND	58.99897	23.25202	2016-08-17
G4729	<i>Picea_abies</i>	native	59.02163	23.20193	2016-08-17
G4732	mixed	ND	58.73506	23.675	2016-08-18
G4730	<i>Corylus_avellana</i>	native	58.66996	23.69916	2016-08-18
G4733	mixed	ND	58.23877	24.61423	2016-08-19
G4735	mixed	ND	58.02361	24.64315	2016-08-19
G4734	mixed	ND	58.02674	24.65739	2016-08-19
G4738	mixed	ND	58.20056	26.30843	2016-08-26
G4736	mixed	ND	58.15944	26.23042	2016-08-26
G4737	mixed	ND	58.15135	26.24649	2016-08-26
G4739	<i>Salix_pentandra</i>	native	58.13964	26.3585	2016-08-26
G4742	mixed	ND	58.14442	25.26283	2016-08-29
G4743	mixed	ND	58.1307	25.26657	2016-08-29
G4741	mixed	ND	58.04791	25.38875	2016-08-29
G4740	mixed	ND	58.04893	25.39788	2016-08-29
G4747	mixed	ND	57.5942	26.3241	2016-08-31
G4744	mixed	ND	57.75734	26.19106	2016-08-31
G4745	mixed	ND	57.75198	26.21503	2016-08-31
G4746	<i>Betula_pendula</i>	native	57.59761	26.35493	2016-08-31

G4748	Quercus_robur	native	57.59131	26.3195	2016-08-31
G4750	mixed	ND	58.34605	26.66094	2016-09-03
G4749	Picea_abies	native	58.30085	26.58832	2016-09-03
G4751	mixed	ND	59.30702	26.45794	2016-09-09
G4752	mixed	ND	59.32449	26.58481	2016-09-09
G4753	mixed	ND	59.30541	26.13707	2016-09-09
G4754	mixed	ND	59.25681	26.22693	2016-09-09
G4756	mixed	ND	59.05143	26.22834	2016-09-09
G4755	Quercus_robur	native	59.28117	26.24996	2016-09-09
G4757	Picea_abies	native	58.23762	26.6844	2016-09-10
G4759	mixed	ND	58.37569	26.5569	2016-09-11
G4760	mixed	ND	58.52618	26.7138	2016-09-11
DD1	mixed	ND	58.40344	26.65631	2016-09-15
FF1	mixed	ND	58.40476	26.63817	2016-09-16
G4761	mixed	ND	58.27948	25.58374	2016-09-16
G4767	mixed	ND	58.35996	25.75669	2016-09-16
G4766	mixed	ND	58.3363	25.78084	2016-09-16
G4763	mixed	ND	58.17612	25.68227	2016-09-16
G4764	mixed	ND	58.18281	25.73653	2016-09-16
G4765	Salix_pentandra	native	58.29475	25.88172	2016-09-16
G4762	Picea_abies	native	58.27976	25.58477	2016-09-16
G4768	mixed	ND	58.97949	25.59474	2016-09-18
CC1	mixed	ND	58.27671	26.68848	2016-09-19
DD2	mixed	ND	58.30115	26.67519	2016-09-20
S719	mixed	ND	58.4176	26.588	2016-09-21
G4772	mixed	ND	58.95935	24.30018	2016-09-22
G4769	mixed	ND	59.27369	24.55078	2016-09-22
G4770	Populus_berolinensis	introduced	59.06755	24.47843	2016-09-22
G4771	Salix_pentandra	native	59.00725	24.5702	2016-09-22
G4774	Salix_caprea	native	59.22869	24.13686	2016-09-22
G4773	Salix_alba	introduced	59.27627	24.45874	2016-09-22
CC2	mixed	ND	58.41618	26.61541	2016-09-23
G4775	mixed	ND	59.31387	23.93453	2016-09-23
G4776	Salix_caprea	native	59.34427	23.91938	2016-09-23
G4781	mixed	ND	58.91729	23.55022	2016-09-24
G4782	mixed	ND	58.77606	23.48857	2016-09-24
G4783	mixed	ND	58.78136	23.55082	2016-09-24
G4780	mixed	ND	58.92795	23.48759	2016-09-24
G4784	Betula_pendula	native	58.78795	23.53275	2016-09-24
G4785	mixed	ND	58.99756	23.73995	2016-09-24
G4790	mixed	ND	59.47063	25.2983	2016-09-25
G4786	mixed	ND	59.22915	24.01194	2016-09-25
G4787	mixed	ND	59.39427	24.29545	2016-09-25
G4788	Tilia_cordata	native	59.43496	24.54918	2016-09-25
EE1	mixed	ND	58.54457	26.88323	2016-09-26
G4792	mixed	ND	57.83887	26.40866	2016-09-29

G4794	mixed	ND	57.91782	26.52069	2016-09-29
G4791	mixed	ND	57.90808	26.27391	2016-09-29
G4793	<i>Quercus_robur</i>	native	57.8622	26.51757	2016-09-29
EE2	mixed	ND	58.41251	26.6349	2016-10-03
DD3	mixed	ND	58.23444	26.67666	2016-10-05
G4795	mixed	ND	58.74809	26.49781	2016-10-07
G4796	mixed	ND	58.7562	26.51096	2016-10-07
G4797	mixed	ND	58.54841	26.92724	2016-10-07
EE3	mixed	ND	58.43037	26.54341	2016-10-11
FF2	mixed	ND	58.405	26.64117	2016-10-12
G4798	mixed	ND	58.44381	25.50775	2016-10-12
G4800	mixed	ND	58.41593	25.23269	2016-10-12
G4801	mixed	ND	58.48005	24.98509	2016-10-12
G4802	mixed	ND	58.45035	25.05619	2016-10-12
G4799	<i>Pinus_sylvestris</i>	native	58.41171	25.28874	2016-10-12
G4803	mixed	ND	58.05628	26.33548	2016-10-14
G4804	mixed	ND	58.0214	26.06243	2016-10-14
G4807	mixed	ND	58.11438	26.17691	2016-10-14
G4805	<i>Salix_caprea</i>	native	58.14228	25.92182	2016-10-14
G4811	mixed	ND	58.30383	25.44702	2016-10-21
G4812	mixed	ND	58.33115	25.51401	2016-10-21
G4809	mixed	ND	58.3609	25.41844	2016-10-21
G4810	mixed	ND	58.27159	25.18275	2016-10-21
D2	mixed	ND	58.2716	26.64082	2016-10-27
D1	mixed	ND	58.27064	26.64392	2016-10-27
BB1	<i>Picea_abies</i>	native	58.28809	26.63314	2016-10-27
G4813	mixed	ND	57.6942	27.37766	2016-10-29
C5	mixed	ND	58.33796	27.04647	2016-11-11
E2	mixed	ND	58.54332	26.86359	2016-11-17
E1	mixed	ND	58.54058	26.86708	2016-11-17
B6	<i>Picea_abies</i>	native	58.19571	26.66877	2016-11-23
C1	mixed	ND	58.1886	26.79476	2016-11-24
C3	mixed	ND	58.20302	26.73655	2016-11-24
B5	<i>Picea_abies</i>	native	58.18892	26.80318	2016-11-24
A5	mixed	ND	58.52349	26.96373	2016-12-01
C2	mixed	ND	58.52217	26.96401	2016-12-01
D16	mixed	ND	58.52061	26.95905	2016-12-01
E3	mixed	ND	58.59431	27.13954	2016-12-29
D4	mixed	ND	58.59426	27.14257	2016-12-29
D3	mixed	ND	58.16489	27.04083	2017-01-16
A29	mixed	ND	58.74054	26.65621	2017-01-27
D7	mixed	ND	59.23766	25.66597	2017-03-09
F1	mixed	ND	58.53249	26.72314	2017-03-24
C4	mixed	ND	58.54311	27.16238	2017-03-24
C10	mixed	ND	58.4203	27.03095	2017-04-18
A10	mixed	ND	58.41071	26.64834	2017-04-18

A7	mixed	ND	58.41531	27.01135	2017-04-18
A8	mixed	ND	58.34459	26.88742	2017-04-18
A11	mixed	ND	58.54372	27.17655	2017-04-20
A12	mixed	ND	58.57232	26.97972	2017-04-20
C9	mixed	ND	58.57532	27.00387	2017-04-20
D5	mixed	ND	58.57557	26.93348	2017-04-20
A14	mixed	ND	58.68143	25.94158	2017-04-26
E7	mixed	ND	58.69349	25.88983	2017-04-26
A13	mixed	ND	58.7923	26.69756	2017-04-27
A6	mixed	ND	58.74837	26.66048	2017-04-27
B8	mixed	ND	58.78949	26.69286	2017-04-27
D13	mixed	ND	58.78722	26.69229	2017-04-27
C16	mixed	ND	58.70963	26.24122	2017-04-28
E6	mixed	ND	58.67396	26.21472	2017-04-28
F13	mixed	ND	58.5894	26.87087	2017-04-28
A9	mixed	ND	58.5637	26.84393	2017-04-28
B10	mixed	ND	58.78356	26.35436	2017-05-02
A25	mixed	ND	58.78243	26.34949	2017-05-02
A28	mixed	ND	58.77627	26.36268	2017-05-02
C14	mixed	ND	58.78302	26.35552	2017-05-02
C7	mixed	ND	58.67339	26.09781	2017-05-02
D6	mixed	ND	58.76681	26.31774	2017-05-02
DD8	mixed	ND	58.16012	26.41543	2017-05-03
CC8	mixed	ND	58.15813	26.41632	2017-05-03
CC9	mixed	ND	58.09822	26.53882	2017-05-05
FF8	mixed	ND	58.09434	26.53175	2017-05-05
G4920	mixed	ND	57.55581	26.54651	2017-05-05
G4922	mixed	ND	57.57449	26.53306	2017-05-06
G4921	<i>Alnus_incana</i>	native	57.56308	26.52815	2017-05-06
S856	mixed	ND	57.89817	25.82583	2017-05-08
S857	mixed	ND	57.8987	25.8255	2017-05-08
EE9	mixed	ND	58.09002	26.52668	2017-05-08
FF7	mixed	ND	58.17188	26.41842	2017-05-09
EE10	mixed	ND	58.24932	26.45421	2017-05-10
C12	mixed	ND	58.73648	26.50024	2017-05-11
EE12	mixed	ND	58.04135	26.40073	2017-05-12
FF10	mixed	ND	58.50999	26.48083	2017-05-15
DD9	mixed	ND	58.09205	26.52745	2017-05-16
DD10	mixed	ND	58.2835	27.34217	2017-05-17
BB2	mixed	ND	58.12368	26.41898	2017-05-21
CC10	mixed	ND	58.4132	26.55914	2017-05-22
FF13	mixed	ND	58.41766	26.55758	2017-05-22
HB4	mixed	ND	58.32631	26.55543	2017-05-24
HB26	mixed	ND	58.25782	27.26744	2017-05-25
HB29	mixed	ND	58.24647	27.27207	2017-05-25
HB34	mixed	ND	58.25281	27.28706	2017-05-25

EE15	mixed	ND	58.2819	27.32479	2017-05-26
FF9	mixed	ND	58.27875	27.32374	2017-05-26
A27	mixed	ND	58.27492	26.38845	2017-05-30
A15	mixed	ND	58.1996	26.2109	2017-05-30
A17	mixed	ND	58.25622	26.4417	2017-05-30
A18	mixed	ND	58.24807	26.43623	2017-05-30
A26	mixed	ND	58.28179	26.37571	2017-05-30
A31	mixed	ND	58.171	26.1442	2017-05-30
F15	mixed	ND	58.19204	26.41113	2017-05-30
C17	mixed	ND	58.30883	26.50111	2017-05-30
E13	mixed	ND	58.30324	26.66952	2017-05-31
HB10	mixed	ND	58.504	26.83705	2017-05-31
D15	mixed	ND	58.28387	26.63609	2017-05-31
HB1	mixed	ND	58.27733	26.66323	2017-05-31
F14	mixed	ND	58.23053	26.70184	2017-05-31
HB7	mixed	ND	58.50096	26.90613	2017-05-31
A20	mixed	ND	58.06977	26.75456	2017-06-01
B13	mixed	ND	58.07034	26.7497	2017-06-01
D8	mixed	ND	58.07592	26.7486	2017-06-01
E8	mixed	ND	58.06969	26.75013	2017-06-01
F3	mixed	ND	58.05183	26.76819	2017-06-01
C11	mixed	ND	58.06976	26.74647	2017-06-01
B9	mixed	ND	57.93885	26.88825	2017-06-02
B12	mixed	ND	57.91856	27.03679	2017-06-02
HB3	mixed	ND	57.97129	26.49369	2017-06-02
A22	mixed	ND	57.91848	27.0302	2017-06-02
HB11	mixed	ND	58.18968	26.30146	2017-06-02
HB12	mixed	ND	57.87478	26.10402	2017-06-02
HB2	mixed	ND	57.76839	26.26625	2017-06-02
A16	mixed	ND	57.9331	26.91635	2017-06-02
DD14	mixed	ND	58.42041	26.56047	2017-06-02
A23	mixed	ND	57.9295	26.90651	2017-06-02
HB15	mixed	ND	57.90624	26.10429	2017-06-02
HB9	mixed	ND	57.75243	26.25518	2017-06-02
A19	mixed	ND	57.93822	27.05667	2017-06-02
A21	Picea_abies	native	57.95081	26.90061	2017-06-02
HB8	mixed	ND	58.59067	25.24696	2017-06-05
HB19	mixed	ND	58.82747	26.37799	2017-06-05
HB20	mixed	ND	58.69669	26.32953	2017-06-05
HB18	Populus_x_wettsteinii	introduced	58.72968	25.34749	2017-06-05
D14	mixed	ND	58.04161	26.38288	2017-06-06
HB16	mixed	ND	58.23227	26.95801	2017-06-06
E14	mixed	ND	58.04124	26.38788	2017-06-06
EE13	mixed	ND	58.71877	26.26459	2017-06-06
FF12	mixed	ND	58.74159	26.31976	2017-06-06
D12	mixed	ND	57.99788	26.62186	2017-06-06

HB13	mixed	ND	57.87069	27.24765	2017-06-06
HB5	mixed	ND	58.17925	27.40557	2017-06-06
E10	mixed	ND	57.99184	26.62243	2017-06-06
E11	mixed	ND	58.02826	26.47319	2017-06-06
E9	mixed	ND	57.95532	26.06582	2017-06-06
HB14	mixed	ND	58.23176	27.31327	2017-06-06
HB6	mixed	ND	58.11858	27.20699	2017-06-06
HB17	<i>Populus_x_wettsteinii</i>	introduced	57.55518	26.65993	2017-06-06
B11	mixed	ND	57.87311	26.12841	2017-06-07
D10	mixed	ND	57.87415	26.11871	2017-06-07
C13	mixed	ND	57.92724	26.05453	2017-06-07
D9	mixed	ND	57.92895	26.05501	2017-06-07
E12	mixed	ND	57.96056	26.76525	2017-06-07
HB25	mixed	ND	58.24587	27.28204	2017-06-07
HB35	mixed	ND	58.26926	27.28733	2017-06-07
D11	mixed	ND	57.96177	26.76475	2017-06-07
HB28	mixed	ND	58.28555	27.27409	2017-06-07
HB37	mixed	ND	58.2643	27.27915	2017-06-07
F7	mixed	ND	57.88336	26.57601	2017-06-07
HB21	mixed	ND	58.26672	27.29059	2017-06-07
HB30	mixed	ND	58.26216	27.28799	2017-06-07
C15	mixed	ND	58.10949	26.584	2017-06-08
A24	mixed	ND	57.9711	26.06014	2017-06-08
DD11	mixed	ND	58.08949	26.45329	2017-06-08
F5	mixed	ND	57.98786	26.37913	2017-06-08
CC11	mixed	ND	58.09317	26.43862	2017-06-08
F9	mixed	ND	57.84144	26.79959	2017-06-08
F10	mixed	ND	58.34545	26.89262	2017-06-09
F12	mixed	ND	58.11084	26.97941	2017-06-09
F8	mixed	ND	58.0918	27.38157	2017-06-09
HB24	mixed	ND	58.27526	27.32656	2017-06-09
F11	mixed	ND	58.18046	27.36125	2017-06-09
F6	mixed	ND	58.13838	26.95376	2017-06-09
HB22	mixed	ND	58.27248	27.31448	2017-06-09
HB32	mixed	ND	58.29836	27.30226	2017-06-09
HB36	mixed	ND	58.28023	27.33497	2017-06-09
HB38	mixed	ND	58.27571	27.3265	2017-06-09
HB39	mixed	ND	58.27363	27.32366	2017-06-09
HB27	mixed	ND	58.28379	27.31558	2017-06-13
HB23	mixed	ND	58.28396	27.31331	2017-06-13
CC12	mixed	ND	58.25836	27.26955	2017-06-14
HB31	mixed	ND	58.25597	27.29335	2017-06-14
HB33	mixed	ND	58.27065	27.32643	2017-06-14
HB40	mixed	ND	58.2603	27.30493	2017-06-14
CC14	mixed	ND	58.74565	26.28129	2017-06-15
DD12	mixed	ND	58.68535	26.25072	2017-06-15

EE11	mixed	ND	58.40573	26.56406	2017-06-19
CC3	mixed	ND	58.11203	26.39858	2017-06-21
DD4	mixed	ND	58.11081	26.40151	2017-06-21
DD5	mixed	ND	58.08945	26.45323	2017-06-21
BB5	mixed	ND	58.29945	26.65185	2017-06-21
EE4	mixed	ND	58.12182	26.48646	2017-06-21
EE5	mixed	ND	58.11503	26.41307	2017-06-21
FF3	mixed	ND	58.0898	26.44714	2017-06-21
FF6	mixed	ND	58.5502	26.92683	2017-06-22
CC7	mixed	ND	58.5482	26.92938	2017-06-22
DD6	mixed	ND	58.43674	26.73116	2017-06-22
EE6	mixed	ND	58.54453	26.92458	2017-06-22
EE7	mixed	ND	58.44002	26.72991	2017-06-22
FF4	mixed	ND	58.4621	26.81921	2017-06-22
BB11	mixed	ND	58.3431	27.1077	2017-06-26
BB13	mixed	ND	58.35702	26.96298	2017-06-26
BB4	mixed	ND	58.69171	25.95098	2017-06-26
B15	mixed	ND	58.65938	26.11451	2017-06-26
CC6	mixed	ND	58.69726	26.24349	2017-06-26
FF15	mixed	ND	58.27591	27.32177	2017-06-26
FF5	mixed	ND	58.74805	26.31946	2017-06-26
BB14	mixed	ND	58.02064	26.82038	2017-06-27
BB15	mixed	ND	57.98596	26.07059	2017-06-27
BB7	mixed	ND	58.12728	26.62424	2017-06-27
BB12	mixed	ND	57.9109	26.0991	2017-06-27
BB6	mixed	ND	58.12211	26.61081	2017-06-27
BB10	mixed	ND	58.12242	26.70506	2017-06-27
E15	mixed	ND	57.98483	26.81494	2017-06-27
DD7	mixed	ND	58.22426	26.27879	2017-06-27
B16	Picea_abies	native	58.04818	26.82776	2017-06-27
BB3	mixed	ND	57.68499	26.93114	2017-06-28
B14	mixed	ND	57.99839	26.6065	2017-06-28
BB9	mixed	ND	57.74994	26.92011	2017-06-28
A32	mixed	ND	58.25067	27.29456	2017-06-28
CC4	mixed	ND	57.71114	26.81106	2017-06-28
CC5	mixed	ND	57.70343	26.74296	2017-06-28
EE8	mixed	ND	57.77622	26.80449	2017-06-28
BB8	mixed	ND	57.74928	26.92409	2017-06-28
EE14	mixed	ND	58.4384	26.56969	2017-06-29
DD13	mixed	ND	58.49476	26.49314	2017-07-04
CC13	mixed	ND	58.48724	26.49684	2017-07-04
CC15	mixed	ND	58.60082	26.98037	2017-07-05
FF14	Picea_abies	native	58.61484	27.12781	2017-07-05
G4925	mixed	ND	59.00101	24.62292	2017-07-10
G4926	mixed	ND	59.00083	24.65429	2017-07-10
G4924	Salix_caprea	native	59.2749	24.6893	2017-07-10

DD15	mixed	ND	58.32543	26.5294	2017-07-17
G4938	<i>Salix_alba</i>	introduced	57.8397	27.00099	2017-08-06
G4939	<i>Picea_abies</i>	native	58.62724	23.43423	2017-08-18
G4941	mixed	ND	58.69132	23.58581	2017-08-19
G4942	<i>Corylus_avellana</i>	native	58.56215	23.55127	2017-08-19
G4944	mixed	ND	58.64759	23.664	2017-08-20
G4943	<i>Quercus_robur</i>	native	58.56145	23.72366	2017-08-20
B7	mixed	ND	58.42666	26.56358	2017-10-10
G4945	<i>Salix_caprea</i>	native	59.44022	25.15923	2017-10-20
G4946	mixed	ND	59.35998	24.70673	2017-10-22
E4	mixed	ND	58.16279	27.04277	2018-01-16
S851	mixed	ND	59.21635	23.82291	2018-05-10
S852	mixed	ND	59.21919	23.82316	2018-05-10
S840	<i>Pinus_sylvestris</i>	native	59.21602	23.59926	2018-05-10
S841	<i>Pinus_sylvestris</i>	native	59.17332	23.71756	2018-05-10
S842	<i>Pinus_sylvestris</i>	native	59.1701	23.70469	2018-05-10
S850	<i>Pinus_sylvestris</i>	native	59.21741	23.82181	2018-05-10
S854	<i>Pinus_sylvestris</i>	native	59.18386	23.77166	2018-05-10
A30	mixed	ND	58.74843	26.51465	2018-05-11
S846	mixed	ND	59.23916	23.82582	2018-05-11
S847	mixed	ND	59.20905	23.81343	2018-05-11
S844	<i>Pinus_sylvestris</i>	native	59.23936	23.82707	2018-05-11
S848	<i>Pinus_sylvestris</i>	native	59.20771	23.81091	2018-05-11
G5002	mixed	ND	59.5753	24.5359	2018-05-19
G5003	<i>Pinus_sylvestris</i>	native	59.5634	24.5451	2018-05-19
G5050	<i>Salix_caprea</i>	native	58.36462	26.77559	2018-08-18
Darta01	mixed	ND	57.36478	24.61866	2019-08-21
Darta03	mixed	ND	56.55092	24.06976	2019-08-22
Darta02	mixed	ND	56.56412	24.07548	2019-08-22
G5158	mixed	ND	57.91265	27.31621	2019-08-24
Darta04	mixed	ND	56.3629	24.3203	2019-08-26
G5051	mixed	ND	58.43022	23.7414	2019-08-29
G5054	mixed	ND	58.35534	26.52324	2019-09-02
G5056	<i>Populus_berolinensis</i>	introduced	58.35775	26.52022	2019-09-02
G5055	<i>Salix_viminalis</i>	native	58.35847	26.521	2019-09-02
Darta06	mixed	ND	57.06564	22.76504	2019-09-06
Darta05	mixed	ND	56.9193	22.69136	2019-09-06
Darta07	mixed	ND	57.05855	22.71935	2019-09-06
Darta08	mixed	ND	56.61266	23.15643	2019-09-10
Darta09	mixed	ND	56.30974	25.45765	2019-09-12
Darta10	mixed	ND	56.25794	25.42451	2019-09-12
Darta18	mixed	ND	57.0369	22.67308	2019-09-18
Darta11	mixed	ND	56.63219	24.35053	2019-09-19
Darta12	mixed	ND	56.65789	24.33792	2019-09-19
Darta14	mixed	ND	56.56941	24.14742	2019-09-20
Darta13	mixed	ND	56.56989	24.14617	2019-09-20

Darta16	mixed	ND	57.07765	22.68044	2019-09-23
Darta15	mixed	ND	57.05434	22.69968	2019-09-23
Darta17	mixed	ND	56.47827	24.1128	2019-09-27
Darta19	mixed	ND	56.60674	22.85058	2019-10-02
Darta20	mixed	ND	56.29552	27.28654	2019-10-03
Darta21	mixed	ND	57.1905	21.90235	2019-10-04
Darta22	mixed	ND	57.65579	26.09737	2019-10-07
Darta23	mixed	ND	56.99967	23.42558	2019-10-08
Darta27	mixed	ND	56.86395	24.78666	2019-10-09
Darta29	mixed	ND	56.74038	24.93961	2019-10-09
Darta28	mixed	ND	56.72302	22.99427	2019-10-10
Darta24	mixed	ND	56.77181	22.59988	2019-10-10
Darta25	mixed	ND	56.89941	25.18167	2019-10-11
Darta26	mixed	ND	56.84068	25.39321	2019-10-11
Darta30	mixed	ND	56.69142	25.20219	2019-10-14
Darta31	mixed	ND	57.04657	25.07734	2019-10-14
G5191	<i>Alnus_incana</i>	native	58.2113	26.5884	2020-05-29
G5192	<i>Alnus_incana</i>	native	58.28489	26.7727	2020-06-01
G5193	mixed	ND	58.4719	26.6808	2020-06-02
G5194	<i>Alnus_incana</i>	native	58.4501	26.7073	2020-06-02
G5195	<i>Larix_sibirica</i>	introduced	58.37389	26.57886	2020-06-02
G5183	mixed	ND	58.36639	26.68209	2020-06-03
G5197	<i>Alnus_incana</i>	native	58.1776	26.8035	2020-06-05
G5205	<i>Quercus_robur</i>	native	59.5039	26.5339	2020-06-12
G5206	<i>Corylus_avellana</i>	native	59.4978	26.6131	2020-06-12
G5198	<i>Alnus_incana</i>	native	59.2348	26.2665	2020-06-12
G5204	<i>Alnus_incana</i>	native	59.51699	26.5397	2020-06-12
G5200	<i>Populus_tremula</i>	native	59.4845	26.4982	2020-06-12
G5203	<i>Populus_balsamifera</i>	introduced	59.4989	26.5088	2020-06-12
G5207	<i>Populus_x_wettsteinii</i>	introduced	59.4992	26.5792	2020-06-12
G5199	<i>Salix_caprea</i>	native	59.4657	26.4831	2020-06-12
G5201	<i>Salix_caprea</i>	native	59.5337	26.4682	2020-06-12
G5202	<i>Salix_alba</i>	introduced	59.4991	26.5213	2020-06-12
G5208	<i>Salix_alba</i>	introduced	59.4882	26.5376	2020-06-12
G5209	<i>Larix_sibirica</i>	introduced	58.36088	26.68796	2020-06-17
G5211	<i>Pinus_sylvestris</i>	native	58.18111	26.82206	2020-06-19
G5218	<i>Alnus_glutinosa</i>	native	58.3605	25.6113	2020-06-21
G5212	<i>Alnus_incana</i>	native	58.38357	25.6068	2020-06-21
G5214	<i>Populus_balsamifera</i>	introduced	58.3805	25.59466	2020-06-21
G5213	<i>Salix_alba</i>	introduced	58.37846	25.6003	2020-06-21
G5217	<i>Salix_cinerea</i>	native	58.3572	25.5993	2020-06-21
G5215	<i>Larix_sibirica</i>	introduced	58.3703	25.5949	2020-06-21
G5216	<i>Pseudotsuga_menziesii</i>	introduced	58.3678	25.58716	2020-06-21
G5222	<i>Alnus_glutinosa</i>	native	59.37195	24.04174	2020-06-23
G5221	<i>Alnus_incana</i>	native	59.3409	24.20167	2020-06-23
G5219	<i>Populus_tremula</i>	native	59.35455	24.5047	2020-06-23

G5220	<i>Salix_caprea</i>	native	59.3304	24.351	2020-06-23
G5225	<i>Alnus_glutinosa</i>	native	59.40425	24.7067	2020-06-24
G5224	<i>Populus_berolinensis</i>	introduced	59.446	24.6861	2020-06-24
G5223	<i>Salix_alba</i>	introduced	59.4152	24.7651	2020-06-24
G5247	<i>Pseudotsuga_menziesii</i>	introduced	59.1057	26.2317	2020-06-30
G5248	<i>Populus_balsamifera</i>	introduced	59.3052	26.3187	2020-07-01
G5226	<i>Corylus_avellana</i>	native	57.9089	26.9936	2020-07-05
G5227	<i>Larix_sibirica</i>	introduced	57.9812	26.8737	2020-07-05
G5228	<i>Populus_balsamifera</i>	introduced	58.30835	26.58193	2020-07-12
G5232	<i>Populus_tremula</i>	native	58.25424	26.8855	2020-07-13
G5229	<i>Populus_berolinensis</i>	introduced	58.3891	26.7173	2020-07-13
G5231	<i>Populus_berolinensis</i>	introduced	58.2411	26.7032	2020-07-13
G5230	<i>Salix_pentandra</i>	native	58.3574	26.7373	2020-07-13
G5187	mixed	ND	58.4206	26.6595	2020-07-16
G5236	<i>Populus_tremula</i>	native	58.39394	26.79551	2020-07-16
G5233	<i>Populus_balsamifera</i>	introduced	58.3972	26.7693	2020-07-16
G5235	<i>Larix_sibirica</i>	introduced	58.3835	26.7742	2020-07-16
G5234	<i>Pseudotsuga_menziesii</i>	introduced	58.3843	26.7744	2020-07-16
G5241	<i>Populus_alba</i>	introduced	58.74266	25.80972	2020-07-18
G5238	<i>Salix_fragilis</i>	introduced	58.6532	26.0082	2020-07-18
G5237	<i>Larix_sibirica</i>	introduced	58.6109	26.1956	2020-07-18
G5240	<i>Larix_sibirica</i>	introduced	58.6612	25.9695	2020-07-18
G5239	<i>Pseudotsuga_menziesii</i>	introduced	58.6599	25.9695	2020-07-18
G5243	<i>Populus_berolinensis</i>	introduced	58.36588	26.84505	2020-07-23
G5242	<i>Populus_balsamifera</i>	introduced	58.09161	27.08756	2020-07-23
G5244	<i>Populus_berolinensis</i>	introduced	58.46515	26.71431	2020-07-24
G5246	<i>Populus_balsamifera</i>	introduced	58.35488	26.61914	2020-07-26
G5245	<i>Populus_x_wettsteinii</i>	introduced	58.23347	27.30861	2020-07-26
G5250	<i>Populus_tremula</i>	native	58.31888	25.53064	2020-07-31
G5251	<i>Corylus_avellana</i>	native	59.41437	27.67419	2020-08-01
G5254	<i>Populus_balsamifera</i>	introduced	59.40758	27.11273	2020-08-01
G5256	<i>Populus_balsamifera</i>	introduced	59.40011	28.07172	2020-08-01
G5252	<i>Populus_alba</i>	introduced	59.38811	27.78241	2020-08-01
G5255	<i>Salix_pentandra</i>	native	59.39218	28.19321	2020-08-01
G5253	<i>Larix_sibirica</i>	introduced	59.38419	27.35992	2020-08-01
G5257	<i>Salix_pentandra</i>	native	58.36355	26.38814	2020-08-03
G5258	<i>Picea_pungens</i>	introduced	58.35475	26.6845	2020-08-10
G5262	<i>Populus_balsamifera</i>	introduced	58.5848	26.69838	2020-08-14
G5260	<i>Picea_omorika</i>	introduced	58.63459	26.38551	2020-08-14
G5261	<i>Pinus_nigra</i>	introduced	58.64096	26.38468	2020-08-14
G5259	<i>Larix_sibirica</i>	introduced	58.6339	26.38555	2020-08-14
G5263	<i>Picea_pungens</i>	introduced	58.05234	27.04099	2020-08-15
G5265	<i>Populus_tremula</i>	native	59.34881	26.26735	2020-08-18
G5264	<i>Salix_fragilis</i>	introduced	59.35277	26.34935	2020-08-18
G5266	<i>Salix_alba</i>	introduced	59.3491	26.1102	2020-08-18
G5267	<i>Picea_pungens</i>	introduced	59.43404	24.85862	2020-08-20

G5270	Betula_pendula	native	58.9089	24.90225	2020-08-26
G5268	Populus_berolinensis	introduced	58.77773	25.42577	2020-08-26
G5271	Salix_caprea	native	58.90706	24.90023	2020-08-26
G5269	Larix_sibirica	introduced	58.86771	24.52982	2020-08-26
G5282	Quercus_robur	native	58.28188	27.05216	2020-08-30
G5278	Quercus_rubra	introduced	58.28449	27.28438	2020-08-30
G5277	Populus_x_wettsteinii	introduced	58.28429	27.28327	2020-08-30
G5272	Picea_omorika	introduced	58.28456	27.28768	2020-08-30
G5273	Pinus_sylvestris	native	58.28311	27.28654	2020-08-30
G5276	Pinus_contorta	introduced	58.28396	27.28492	2020-08-30
G5420	Pinus_koraiensis	introduced	58.28381	27.28559	2020-08-30
G5274	Larix_sibirica	introduced	58.28386	27.28612	2020-08-30
G5281	Pseudotsuga_menziesii	introduced	58.28476	27.28656	2020-08-30
G5279	Abies_sachalinensis	introduced	58.2847	27.28436	2020-08-30
G5275	Abies_veitchii	introduced	58.28381	27.28495	2020-08-30
G5280	Abies_holophylla	introduced	58.28454	27.2855	2020-08-30
G5283	Quercus_robur	native	58.38449	26.5943	2020-08-31
G5284	Populus_nigra	introduced	58.37531	26.67882	2020-08-31
G5421	Pinus_nigra	introduced	58.39132	26.69648	2020-09-02
G5422	Pinus_strobus	introduced	58.39093	26.69732	2020-09-02
G5423	Abies_sp	introduced	58.39312	26.69297	2020-09-02
G5291	Quercus_robur	native	56.86893	24.35352	2020-09-03
G5426	Quercus_rubra	introduced	56.8663	24.3526	2020-09-03
G5289	Corylus_avellana	native	56.86743	24.36013	2020-09-03
G5292	Populus_x_wettsteinii	introduced	56.87014	24.35424	2020-09-03
G5285	Populus_sp	introduced	57.55197	25.43747	2020-09-03
G5287	Populus_sp	introduced	57.03912	24.39745	2020-09-03
G5288	Populus_sp	introduced	56.86902	24.36231	2020-09-03
G5286	Salix_fragilis	introduced	57.26109	24.88131	2020-09-03
G5424	Picea_mariana	introduced	57.18122	24.69495	2020-09-03
G5427	Picea_mariana	introduced	56.87097	24.35989	2020-09-03
G5293	Larix_sibirica	introduced	56.87127	24.36017	2020-09-03
G5290	Pseudotsuga_menziesii	introduced	56.8662	24.3542	2020-09-03
G5294	Pinus_mugo	introduced	58.37468	26.74911	2020-09-27
G5295	Pinus_mugo	introduced	58.3592	26.6443	2020-09-27
S1381	mixed	ND	56.64042	24.69382	2020-11-04
S1384	mixed	ND	57.20478	25.20654	2020-11-06
S1386	mixed	ND	57.19698	25.20423	2020-11-06
S1388	mixed	ND	56.99859	23.17395	2020-11-10
S1387	mixed	ND	57.00299	23.14729	2020-11-10
S1390	mixed	ND	56.77796	25.43266	2020-11-11
S1392	mixed	ND	56.76726	25.4353	2020-11-11
S1393	mixed	ND	56.5908	23.77725	2020-11-12
S1394	mixed	ND	56.59206	23.78062	2020-11-12

¹ND, not determined