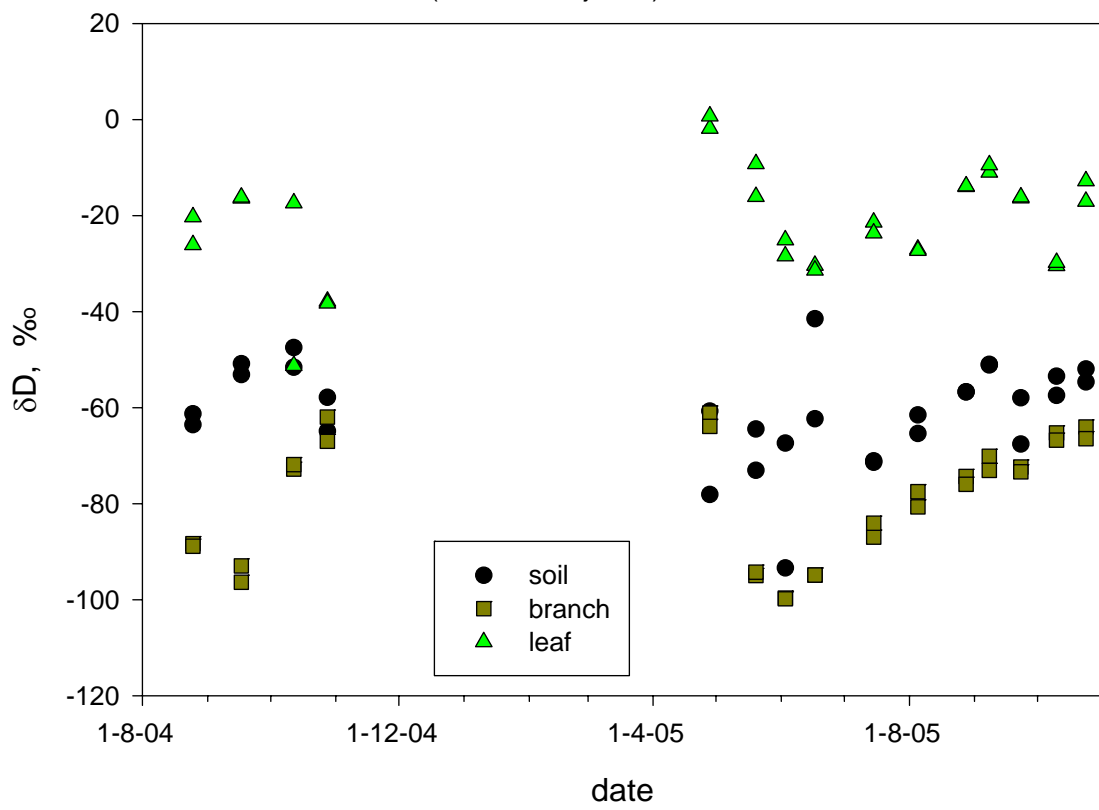
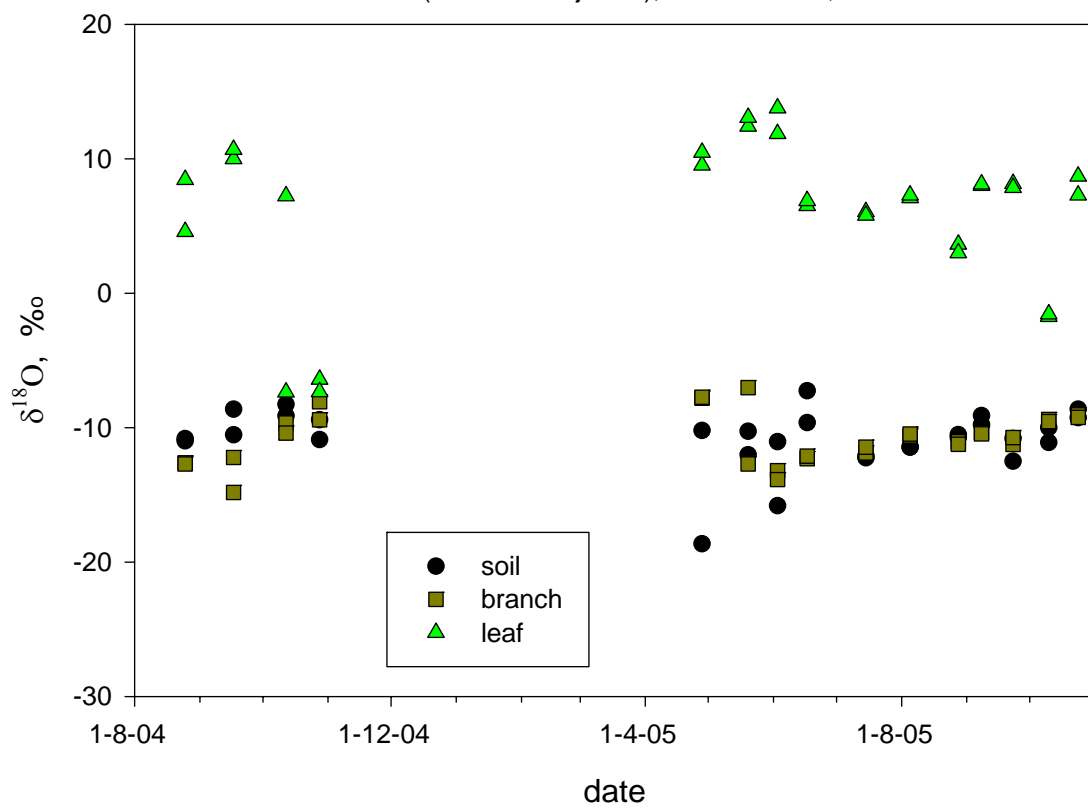


	1-CZR003	2-soil_D	3-branch_D	4-leaf_D	5	6-soil_O	7-branch_O	8-leaf_O
1	25/08/2004	-61.3110	-88.3460	-20.2600		-10.8250	-12.6240	8.4670
2	25/08/2004	-63.5930	-88.8770	-26.0520		-10.9910	-12.7110	4.5920
3	17/09/2004	-50.8070	-96.3990	-16.3360		-10.5320	-14.8160	10.0000
4	17/09/2004	-53.0930	-92.9680	-16.1230		-8.6230	-12.2160	10.6910
5	12/10/2004	-51.5710	-72.8220	-51.2030		-9.1160	-9.6320	-7.3450
6	12/10/2004	-47.4700	-71.8550	-17.3540		-8.2610	-10.4060	7.2500
7	28/10/2004	-57.8390	-61.9750	-37.8360		-9.4070	-8.0660	-6.3960
8	28/10/2004	-64.9190	-67.0220	-38.2370		-10.8910	-9.4100	-7.3150
9	28/04/2005	-78.0950	-61.1450	-1.8220		-18.6500	-7.7900	9.5400
10	28/04/2005	-60.7290	-63.9050	0.7260		-10.2210	-7.7180	10.4750
11	20/05/2005	-64.4780	-94.9810	-16.0380		-10.2740	-12.7060	12.4220
12	20/05/2005	-73.0720	-94.2640	-9.1920		-12.0270	-7.0060	13.0850
13	03/06/2005	-67.4030	-99.6430	-28.3910		-11.0550	-13.2010	13.7780
14	03/06/2005	-93.4050	-99.8360	-25.0410		-15.8080	-13.8580	11.8840
15	17/06/2005	-41.4500	-94.8640	-30.3500		-7.2560	-12.3020	6.5160
16	17/06/2005	-62.3560	-94.8660	-31.3490		-9.6160	-12.1190	6.8920
17	15/07/2005	-71.0870	-86.9900	-21.3420		-12.2470	-11.8730	6.0630
18	15/07/2005	-71.4190	-84.0570	-23.6100		-12.1180	-11.4540	5.8010
19	05/08/2005	-65.4000	-80.6770	-26.9970		-11.4530	-10.6220	7.1140
20	05/08/2005	-61.5300	-77.4860	-27.2630		-11.4530	-10.4780	7.3140
21	28/08/2005	-56.7160	-74.3590	-13.9340		-10.5240	-11.0480	3.6430
22	28/08/2005	-56.7080	-75.9920	-13.8120		-10.7350	-11.2400	3.0030
23	08/09/2005	-50.9940	-70.1260	-10.9460		-9.0890	-10.3700	8.0190
24	08/09/2005	-51.0880	-73.0700	-9.4320		-9.7630	-10.4650	8.1260
25	23/09/2005	-67.6320	-72.3720	-16.2860		-12.5080	-11.2540	8.1650
26	23/09/2005	-57.9580	-73.3820	-16.1190		-10.8100	-10.7420	7.8590
27	10/10/2005	-57.4370	-65.2530	-30.4060		-11.1040	-9.3730	-1.7300
28	10/10/2005	-53.4090	-66.7950	-29.7220		-10.0080	-9.5340	-1.5300
29	24/10/2005	-54.6130	-64.0100	-17.0170		-8.6150	-9.0370	7.3030
30	24/10/2005	-51.9360	-66.4440	-12.7420		-9.2540	-9.2250	8.7130
31								
32	CZR003-Brioh							
33								

deuterium in soil, branch and leaf water  
beach (*Fagus sylvatica*)  
CZR003 (Ceske Budejovice), season: 2004,2005

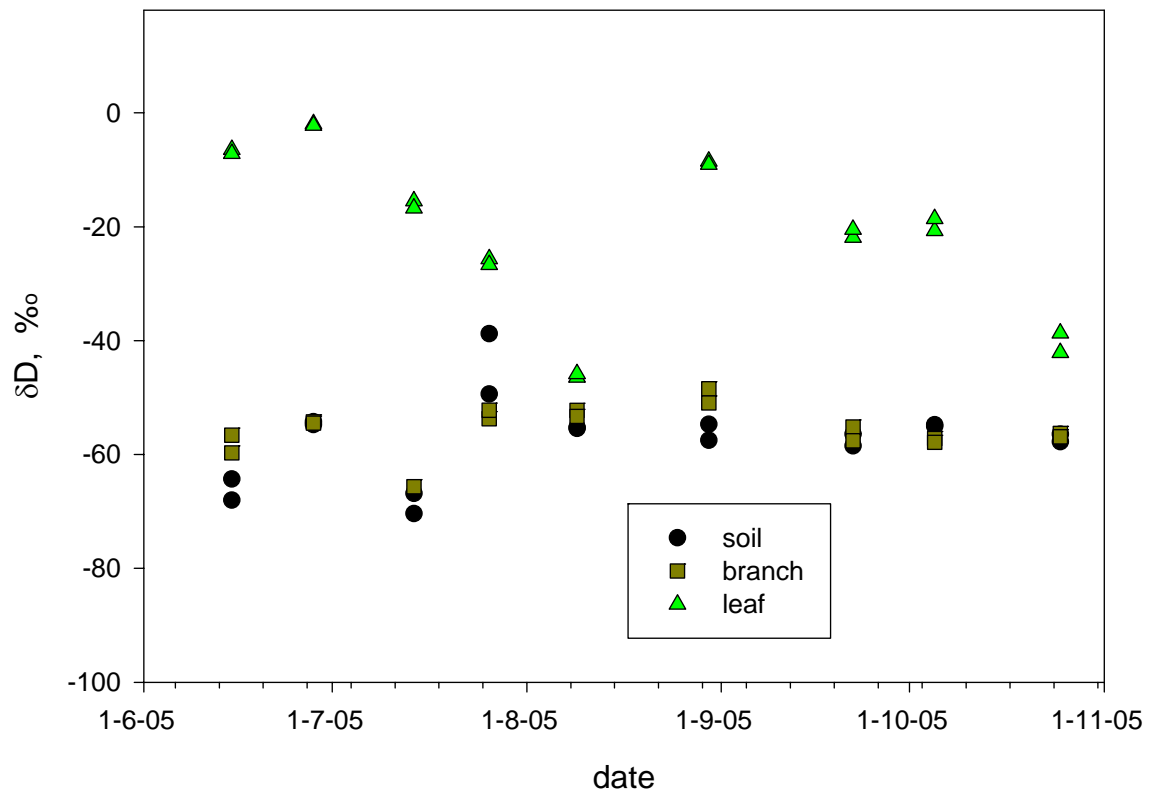


$^{18}\text{O}$  in soil, branch and leaf water  
beach (*Fagus sylvatica*)  
CZR003 (Ceske Budejovice), season: 2004,2005

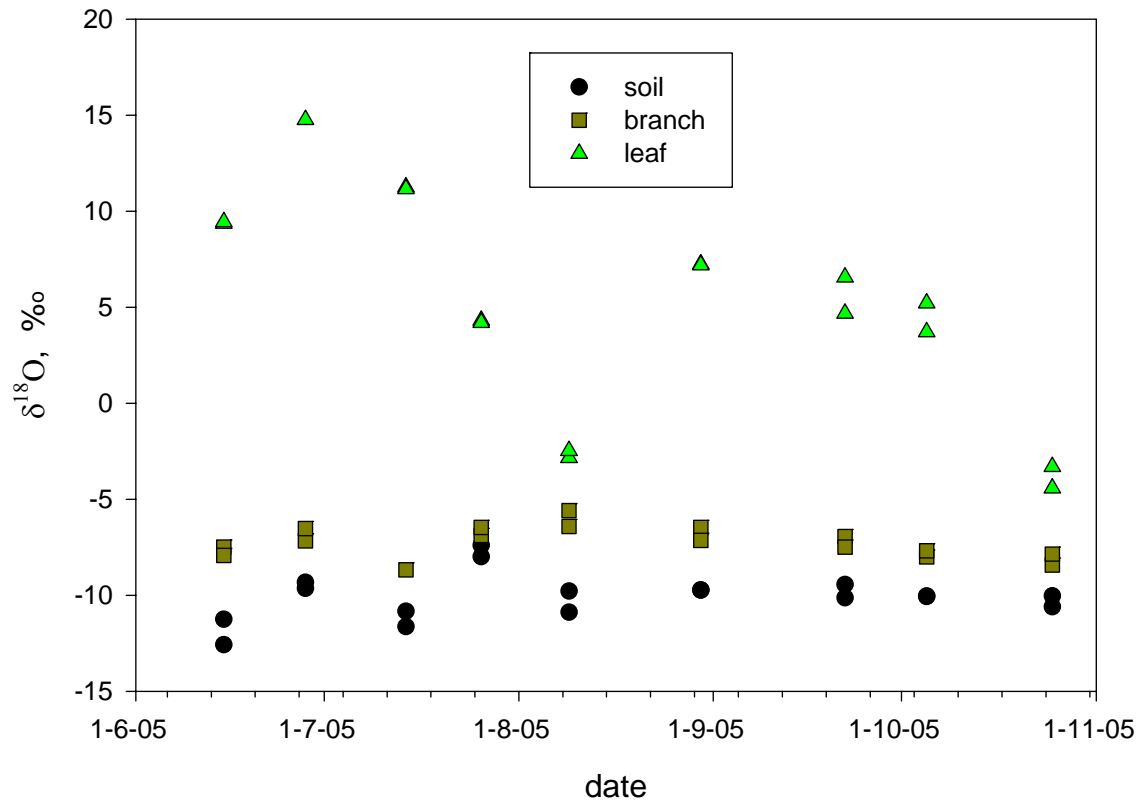


	1-CZR001	2-soil_D	3-branch_D	4-leaf_D	5	6-soil_O	7-branch_O	8-leaf_O
1	15/06/2005	-68.0220	-56.6150	-6.4660		-12.5780	-7.4930	9.3790
2	15/06/2005	-64.3170	-59.7130	-7.1560		-11.2500	-7.9250	9.4530
3	28/06/2005	-54.2460	-54.2510	-1.9470		-9.3260	-7.1620	nezmiøeno
4	28/06/2005	-54.7280	-54.4830	-2.2220		-9.6400	-6.5280	14.7720
5	14/07/2005	-66.8390	-65.6680	-15.4530		-10.8370	-8.6710	11.2610
6	14/07/2005	-70.3970	nezmiøeno	-16.7470		-11.6350	nezmiøeno	11.1740
7	26/07/2005	-49.3890	-53.6880	-25.6580		-7.9910	-6.8840	4.3260
8	26/07/2005	-38.7920	-52.2100	-26.6540		-7.4010	-6.4660	4.2060
9	09/08/2005	-55.4260	-52.2590	-46.4340		-9.7870	-6.4170	-2.8330
10	09/08/2005	-55.2490	-53.2740	-45.8130		-10.8820	-5.5960	-2.4760
11	30/08/2005	-57.5490	-48.4260	-8.5130		-9.7250	-6.4600	7.2530
12	30/08/2005	-54.6850	-50.9150	-9.0600		-9.7300	-7.1490	7.2030
13	22/09/2005	-56.4560	-55.1280	-21.8520		-9.4450	-6.9450	4.6850
14	22/09/2005	-58.5260	-57.6020	-20.4870		-10.1300	-7.4940	6.5720
15	05/10/2005	-54.7880	-57.1850	-20.6790		-10.0430	-8.0100	3.7230
16	05/10/2005	-55.0490	-57.8860	-18.6040		-10.0680	-7.6860	5.2250
17	25/10/2005	-57.7680	-56.3390	-42.0810		-10.6050	-8.4260	-4.4250
18	25/10/2005	-56.4570	-56.8910	-38.7030		-10.0380	-7.8500	-3.3080
19	15/11/2005	-56.4680	-59.4940	-60.6600		-9.0930	-7.7080	-7.3570
20	15/11/2005	-56.5720	-59.5080	-58.9580		-10.1130	-7.9850	-7.5950
21								
22								
23	CZR002-BilyKr							
24								

deuterium in soil, branch and leaf water  
spruce (*Picea*)  
CZR002 (Bily Kriz), season: 2005



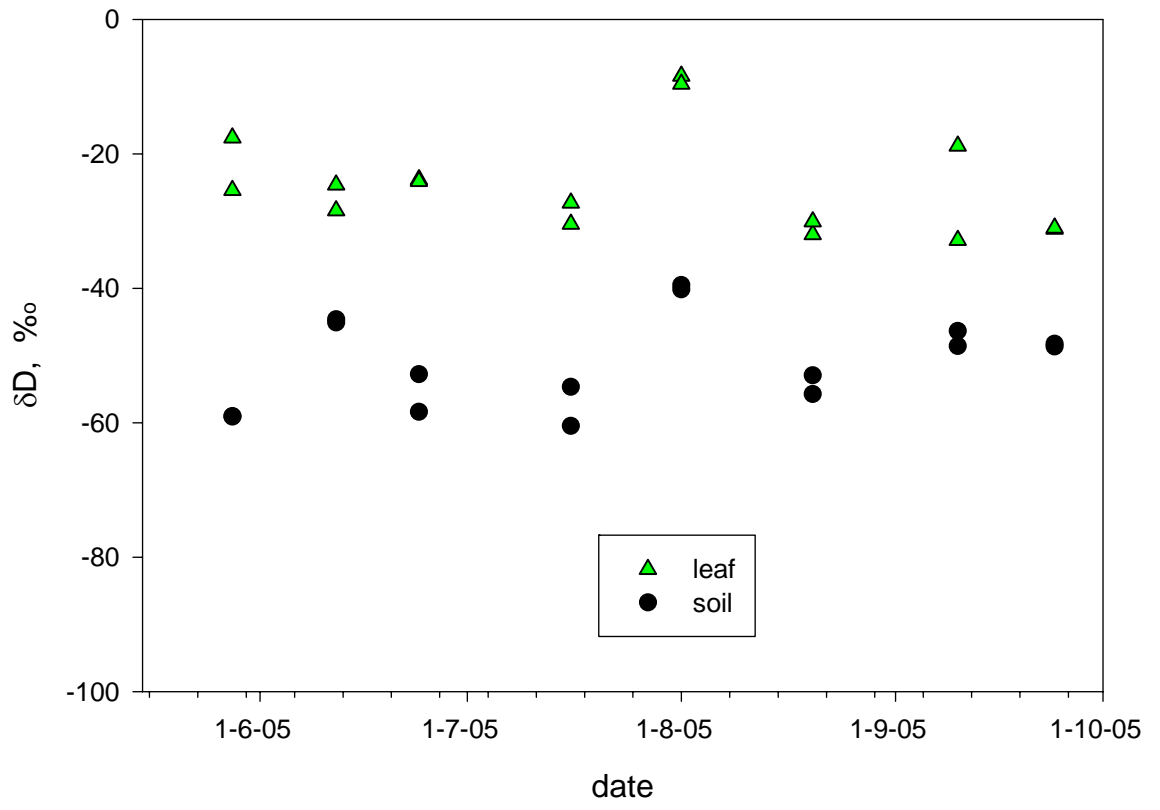
$^{18}\text{O}$  in soil, branch and leaf water  
spruce (*Picea*)  
CZR002 (Bily Kriz), season: 2005



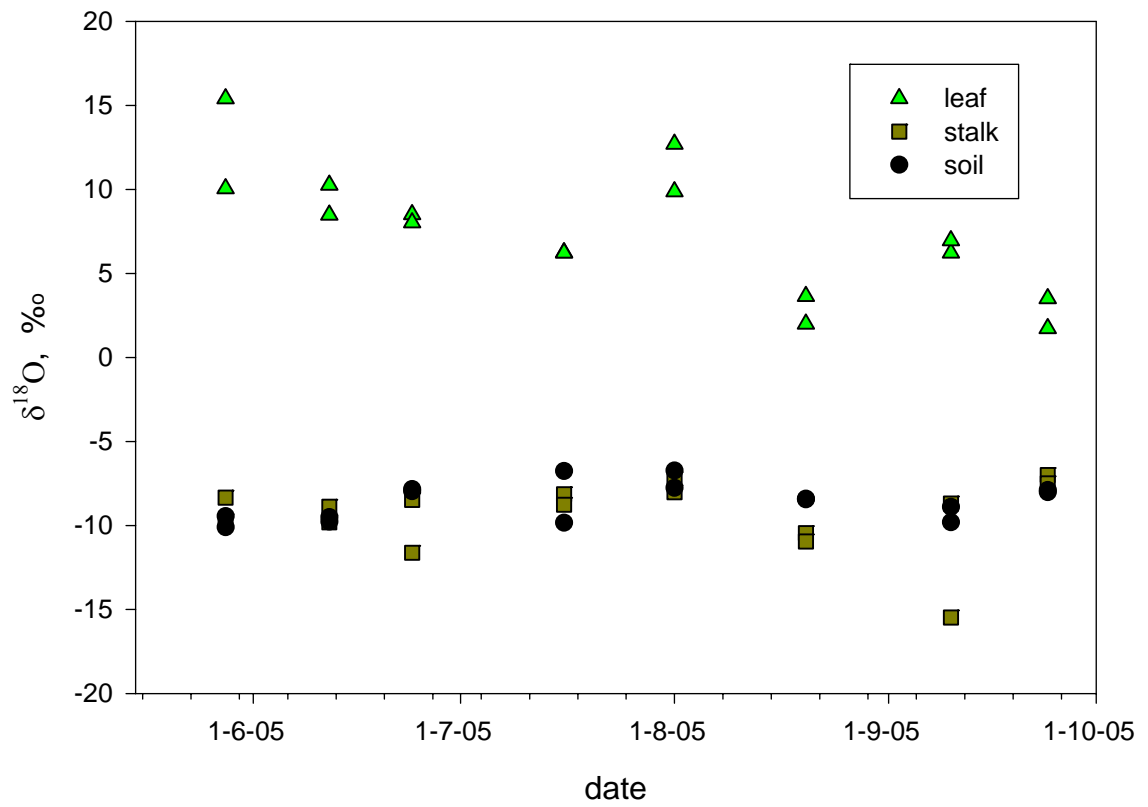
	1	2-soil_D	3-branch_D	4-leaf_D	5	6-soil_O	7-branch_O
1	08/08/2004	-21.5030	-2.7050	-26.8490		0.3320	11.8860
2	28/08/2004	-34.1580	-30.7450	-45.5630		-4.9860	-3.0710
3	11/09/2004	-16.5620	-47.9540	-47.3150		-1.0930	-7.5480
4	28/09/2004	-39.6590	-26.7210	-29.1550		-5.3160	-3.1740
5	28/05/2005	-66.7740	-68.5390	-6.0760		-9.4570	-8.3490
6	28/05/2005	-71.6570	-78.7480	-20.8260		-10.1140	-9.7570
7	12/06/2005	-62.2360	-74.8090	-3.5100		-9.7770	-9.8150
8	12/06/2005	-58.1620	-68.8750	-13.9340		-9.5110	-8.8870
9	24/06/2005	-54.5490	-68.5040	-15.8070		-7.9660	-8.4830
10	24/06/2005	-52.1990	-72.9940	-11.2850		-7.8480	-11.6290
11	16/07/2005	-64.9060	-66.1540	-13.1540		-9.8460	-8.1470
12	16/07/2005	-57.2780	-70.2300	-8.7020		-6.7650	-8.7770
13	01/08/2005	-44.1650	-53.3710	-1.0900		-6.7280	-7.2380
14	01/08/2005	-51.3550	-62.5650	-8.7440		-7.7700	-8.0310
15	20/08/2005	-50.9440	-66.0670	-24.7110		-8.4530	-10.4610
16	20/08/2005	-51.4200	-64.4000	-24.8990		-8.4120	-10.9530
17	10/09/2005	-55.4200	-67.5950	-21.4120		-8.8980	-15.4800
18	10/09/2005	-57.0750	-59.0220	-18.7390		-9.8100	-8.7000
19	24/09/2005	-52.5120	-55.4390	-15.3670		-8.0270	-6.9850
20	24/09/2005	-52.9630	-55.4590	-16.4790		-7.8990	-7.5080
21			Phragmites	Phragmites			Phragmites
22							
23							
24	CZR001-Trebor						
25							

	8-leaf_O	9	10-soil_D_Sph	11-leaf_D_Sph	12	13-soil_O_Sph	14-leaf_O_Sph
1	6.0560		-62.8260	-43.4520		-8.7800	
2	-6.9450		-57.4520	-52.0690		-14.4790	-7.5210
3	-6.7120		-32.0150	-15.9620		-3.3170	-1.5480
4	-3.2990		-39.8440	-45.1690		-6.1860	-6.1060
5	15.4120		-58.9870	-17.5910		-8.2520	2.0010
6	10.0640		-59.0850	-25.3840		-8.8240	0.9140
7	10.2640		-44.5960	-24.5990		-6.7180	-1.5340
8	8.4810		-45.0640	-28.4180		-6.6010	-1.2180
9	8.5150		-52.7520	-23.7760		-7.8440	-1.9620
10	8.0260		-58.3660	-24.0320		-9.1690	-2.3670
11	6.2460		-60.4420	-30.4130		-9.8000	-2.4820
12	6.2350		-54.6390	-27.2690		-7.4490	-0.9080
13	12.6980		-40.1260	-8.3930		-5.9010	-1.0130
14	9.8760		-39.4870	-9.5750		-5.5930	-1.8460
15	3.6560		-52.9310	-31.9540		-7.7950	-3.9970
16	2.0010		-55.7050	-30.0440		-7.9620	-3.8590
17	6.2370		-48.5540	-32.8110		-7.5510	-7.8520
18	6.9640		-46.3160	-18.7870		-8.0980	-0.5720
19	1.7280		-48.2420	-31.1580		-6.9010	-2.9490
20	3.5180		-48.6300	-30.9890		-6.6070	-3.3470
21	Phragmites			Sphagnum sp.			Sphagnum sp.
22							
23							
24							
25							

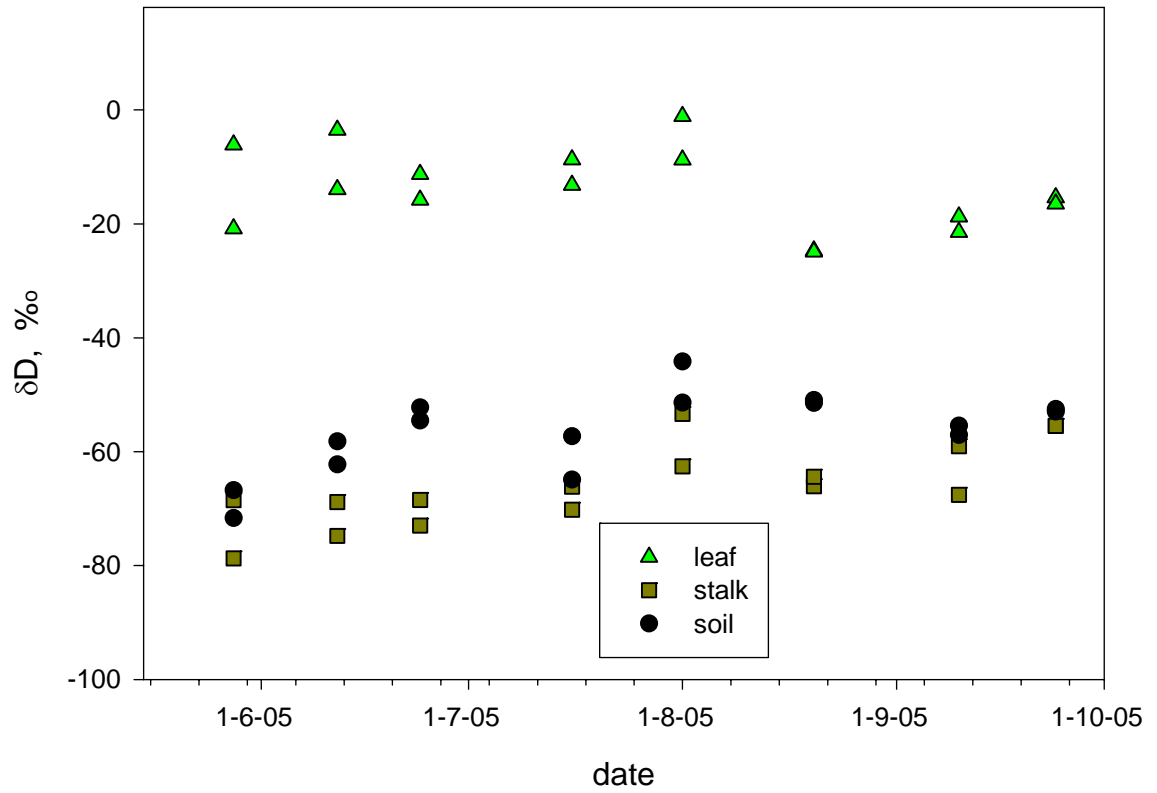
deuterium in soil and leaf water  
peat moss (*Sphagnum sp.*)  
CZR001 (Trebon), season: 2005



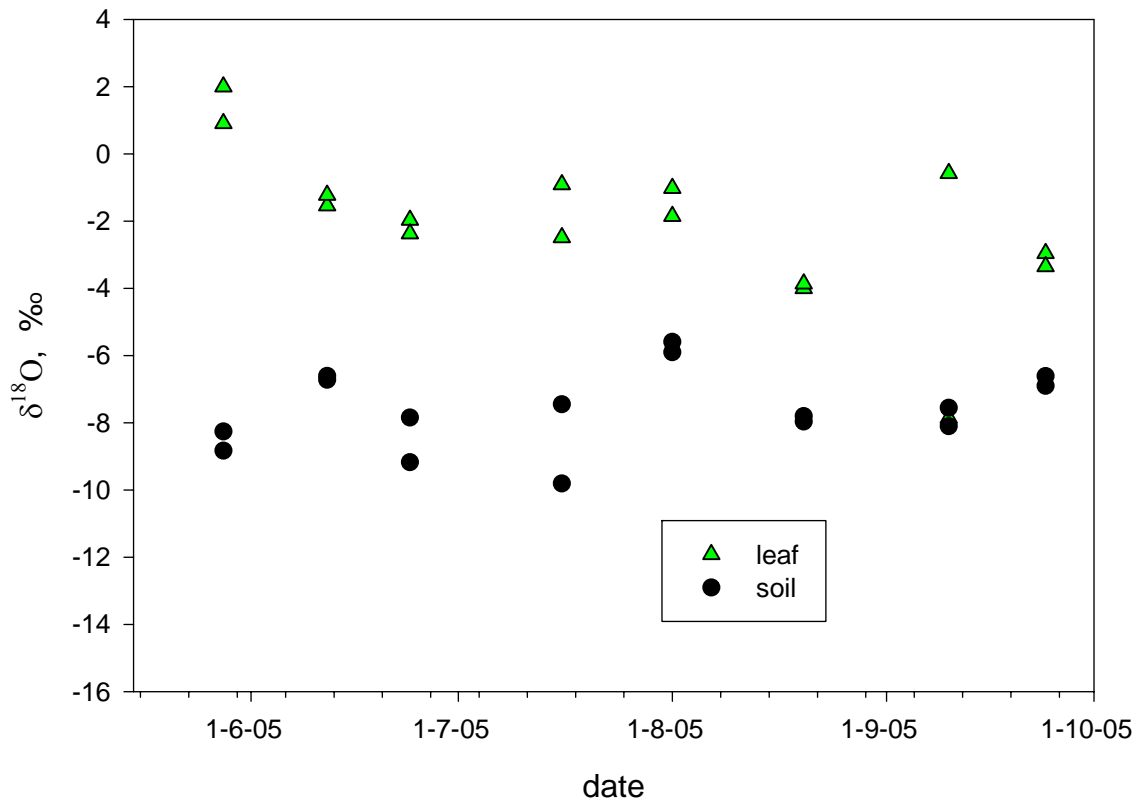
$^{18}\text{O}$  in soil, stalk and leaf water  
reed (*Phragmites*)  
CZR001 (Trebon), season: 2005



deuterium in soil, stalk and leaf water  
reed (*Phragmites*)  
CZR001 (Trebou), season: 2005



$^{18}\text{O}$  in soil and leaf water  
peat moss (*Sphagnum* sp.)  
CZR001 (Trebon), season: 2005

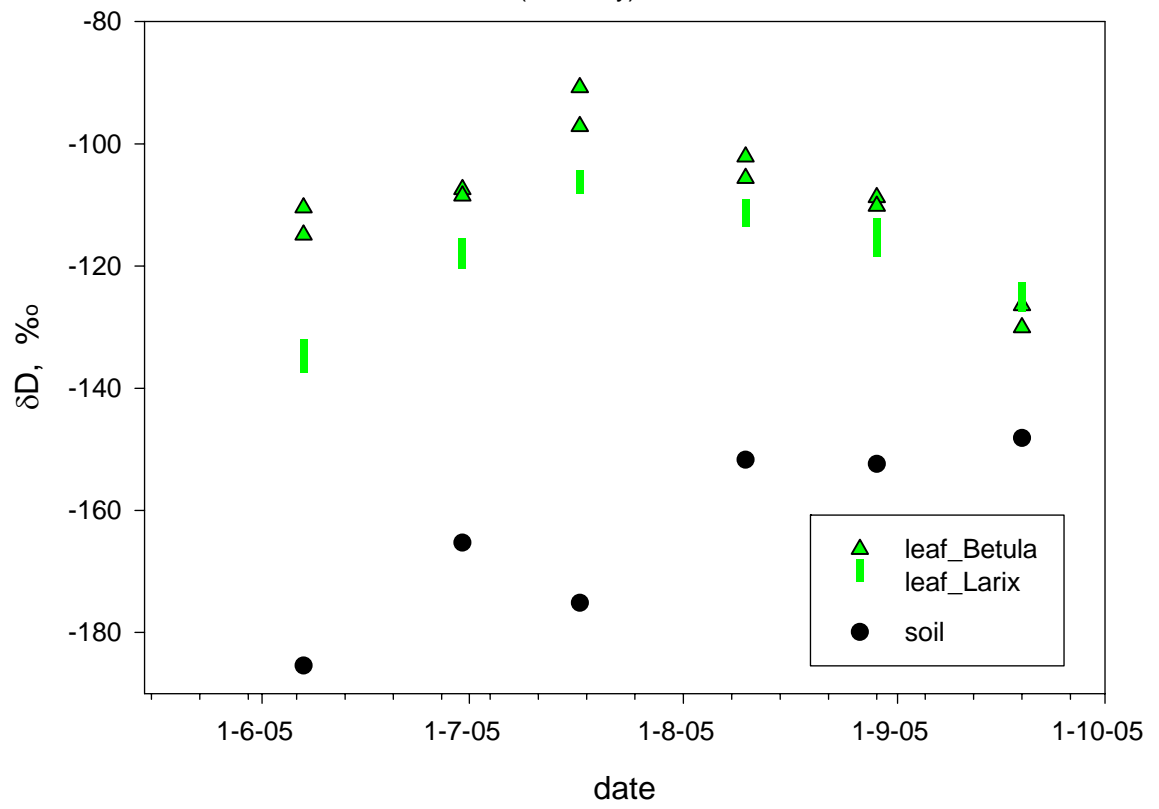


	1	2-soil_D	3-leaf_D_Betula	4-leaf_D_Larix	5	6-soil_O	7-leaf_O_Betula	8-leaf_O_Larix
1	07/06/2005	-185.4220	-110.4320	-137.4290		-28.3700	-1.2480	-8.9210
2	07/06/2005		-114.9110	-135.6440			-2.9360	-9.8190
3	30/06/2005	-165.3240	-107.4460	-119.1870		-23.9580	-0.4980	-2.0510
4	30/06/2005		-108.4920	-120.4310			0.1480	-1.8460
5	17/07/2005	-175.1370	-97.1330	-108.1760		-26.5230	1.2640	0.6720
6	17/07/2005		-90.7650	-108.0710			3.1950	-0.4340
7	10/08/2005	-151.7170	-102.1250	-113.5320		-22.4430	0.2670	-2.4220
8	10/08/2005		-105.6230	-112.8160			-1.2570	-1.8840
9	29/08/2005	-152.4110	-108.7630	-115.9130		-21.7860	-2.1630	-3.0970
10	29/08/2005		-110.1860	-118.4610			-2.6050	-3.2660
11	19/09/2005	-148.1550	-126.4460	-127.4880		-21.8760	-11.7590	-11.0860
12	19/09/2005		-130.0420	-126.3850			-13.3660	-10.4660
13								
14								
15	RUS001							
16								

$^{18}\text{O}$  in soil and leaf water  
birch, larch (*Betula*, *Larix*)  
RUS001 (Czerskiy), season: 2005

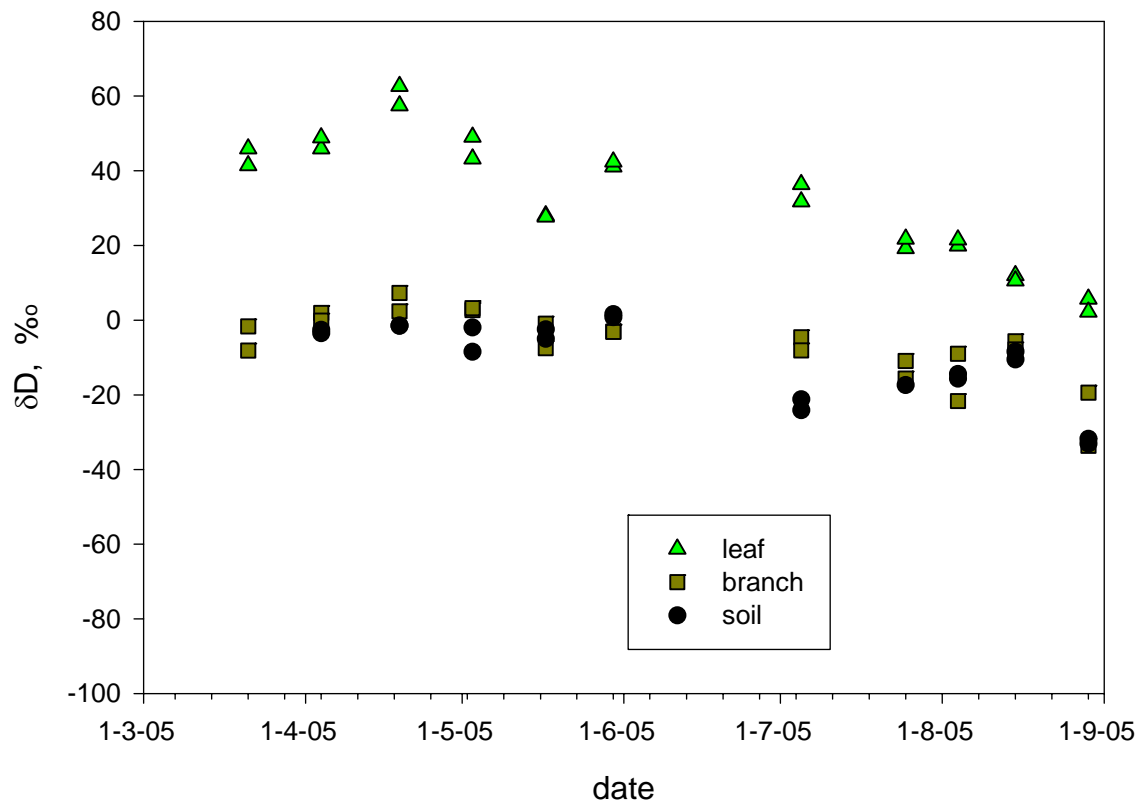


deuterium in soil and leaf water  
birch, larch (*Betula*, *Larix*)  
RUS001 (Czerskiy), season: 2005

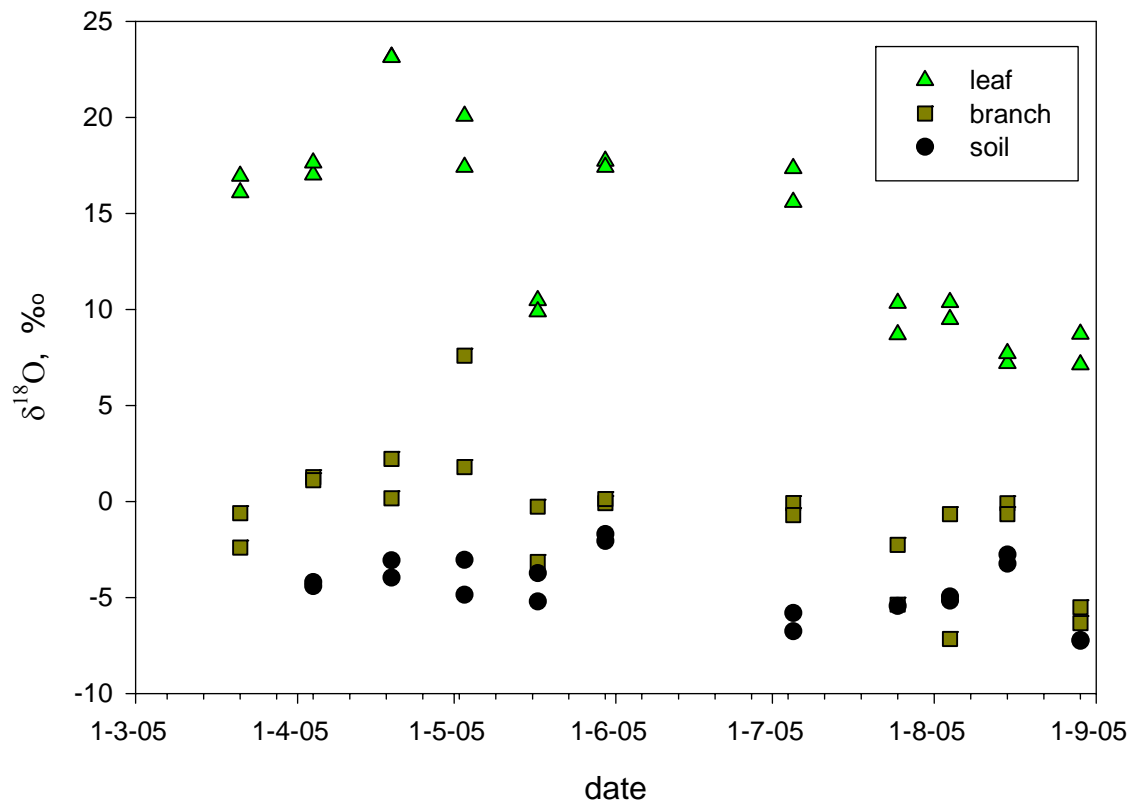


	1	2-soil_D	3-branch_D	4-leaf_D	5	6-soil_O	7-branch_O	8-leaf_O	9-CZR001
1	21/03/2005		-1.6220	41.4630			-0.6110	16.0960	15/06/2005
2	21/03/2005		-8.1070	45.9540			-2.4040	16.9560	15/06/2005
3	04/04/2005	-2.6440	1.9490	45.9120		-4.4190	1.2790	17.0150	28/06/2005
4	04/04/2005	-3.4970	-0.0900	48.9100		-4.2080	1.1180	17.6450	28/06/2005
5	19/04/2005	-1.4310	2.3770	62.6530		-3.0790	0.1680	23.1540	14/07/2005
6	19/04/2005	-1.5580	7.2930	57.4480		-3.9740	2.2210	23.1310	14/07/2005
7	03/05/2005	-8.5050	2.7190	43.2480		-4.8630	7.5900	17.4180	26/07/2005
8	03/05/2005	-1.9760	3.2500	49.0620		-3.0420	1.7930	20.0740	26/07/2005
9	17/05/2005	-4.9950	-0.9110	28.0460		-5.2150	-0.2720	10.4770	09/08/2005
10	17/05/2005	-2.4410	-7.5240	27.6460		-3.7310	-3.1540	9.8940	09/08/2005
11	30/05/2005	0.7550	-3.0280	41.0920		-2.0680	-0.0830	17.7370	30/08/2005
12	30/05/2005	1.6030	-3.1460	42.4290		-1.7060	0.1220	17.4110	30/08/2005
13	05/07/2005	-21.1650	-4.5780	31.7160		-5.8140	-0.0800	15.5920	22/09/2005
14	05/07/2005	-24.1080	-8.0690	36.3550		-6.7660	-0.7170	17.3580	22/09/2005
15	25/07/2005		-15.6480	19.2340			-5.3770	8.7010	05/10/2005
16	25/07/2005	-17.3930	-10.9220	21.7810		-5.4430	-2.2600	10.3380	05/10/2005
17	04/08/2005	-15.6830	-21.6380	19.9030		-5.1750	-7.1680	9.4910	25/10/2005
18	04/08/2005	-14.4350	-9.0030	21.5420		-4.9540	-0.6660	10.3790	25/10/2005
19	15/08/2005	-8.4550	-5.6300	11.9930		-2.7740	-0.0900	7.2080	15/11/2005
20	15/08/2005	-10.5190	-7.7990	10.5800		-3.2480	-0.6630	7.7140	15/11/2005
21	29/08/2005	-31.7710	-33.6160	5.6920		-7.2220	-6.3370	8.7290	
22	29/08/2005	-33.0780	-19.3680	2.2180		-7.2660	-5.5160	7.1380	
23									
24									
25	BZE001								

deuterium in soil, branch and leaf water  
*Crescentia*  
BZE001, season: 2005



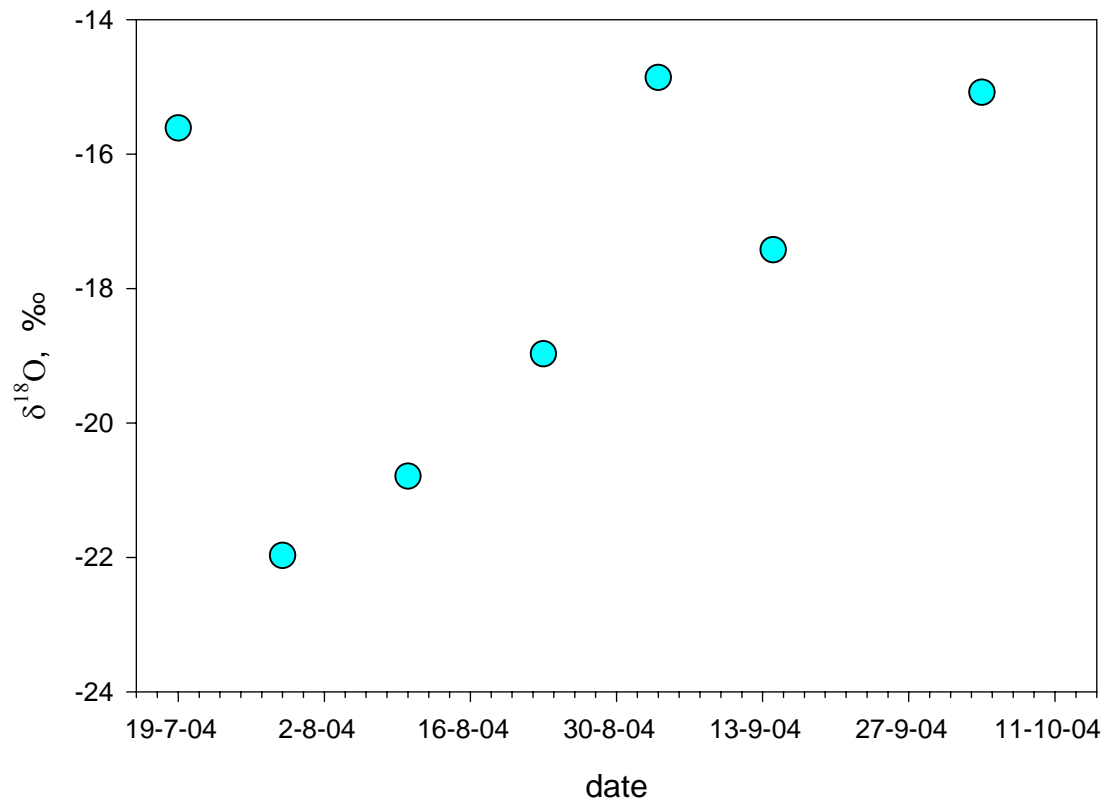
$^{18}\text{O}$  in soil, branch and leaf water  
*Crescentia*  
BZE001, season: 2005



	1	2-D-2005	3-180-2005	4	5-GMWL	6	7	8-D-2004	9-180-2004
1	20/05/2005	-160.4825	-22.6335		-171.0680		19/07/2004	-93.1800	-15.6100
2	30/05/2005	-102.0953	-14.8873		-109.0987		29/07/2004	-131.3300	-21.9700
3	17/06/2005	-115.2917	-16.2540		-120.0320		10/08/2004	-123.3800	-20.7900
4	13/07/2005	-126.3990	-18.7337		-139.8693		23/08/2004	-107.0700	-18.9700
5	28/07/2005	-113.1600	-16.5983		-122.7867		03/09/2004	-99.6200	-14.8600
6	19/08/2005	-113.7953	-16.4717		-121.7733		14/09/2004	-105.1000	-17.4200
7	01/09/2005	-145.6317	-21.2797		-160.2373		04/10/2004	-97.2600	-15.0800
8	22/09/2005	-182.9537	-25.1953		-191.5627				
9	11/10/2005	-125.4610	-20.0600		-150.4800				
10	11/11/2005	-139.7897	-21.3547		-160.8373				
11									
12	Water_in_atm								

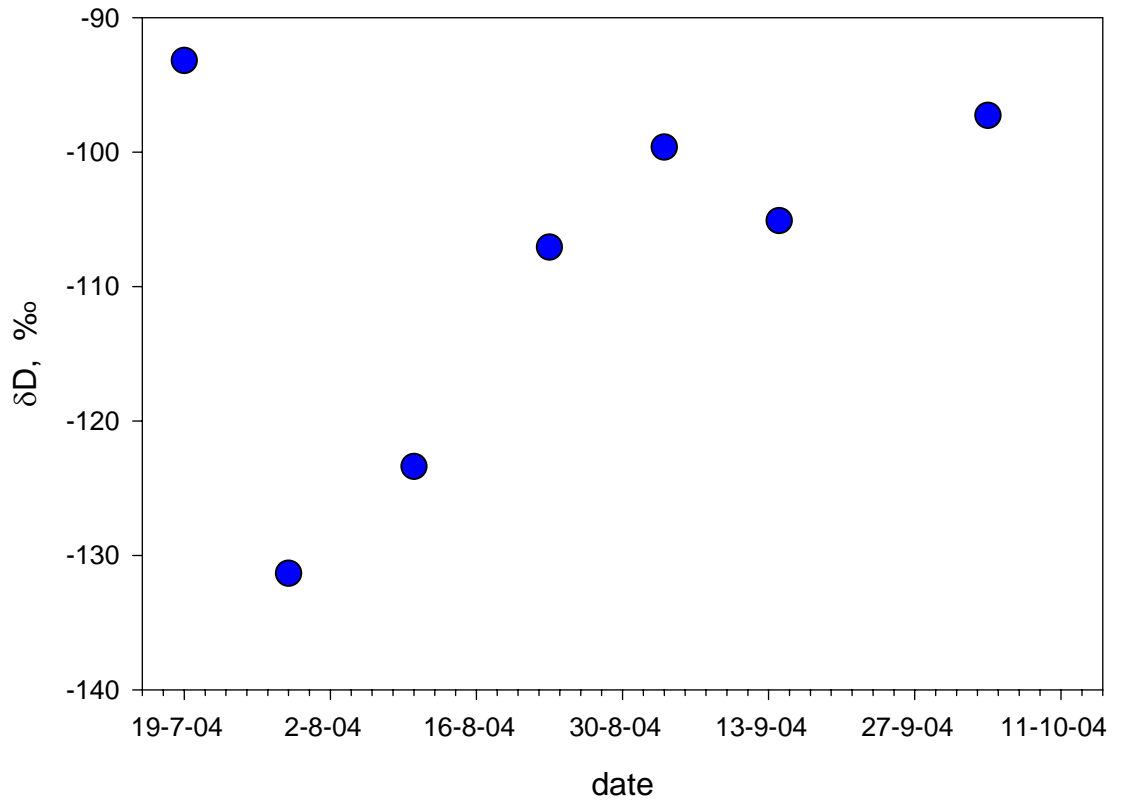
$^{18}\text{O}$  in atmospheric water

CZE003, season: 2004

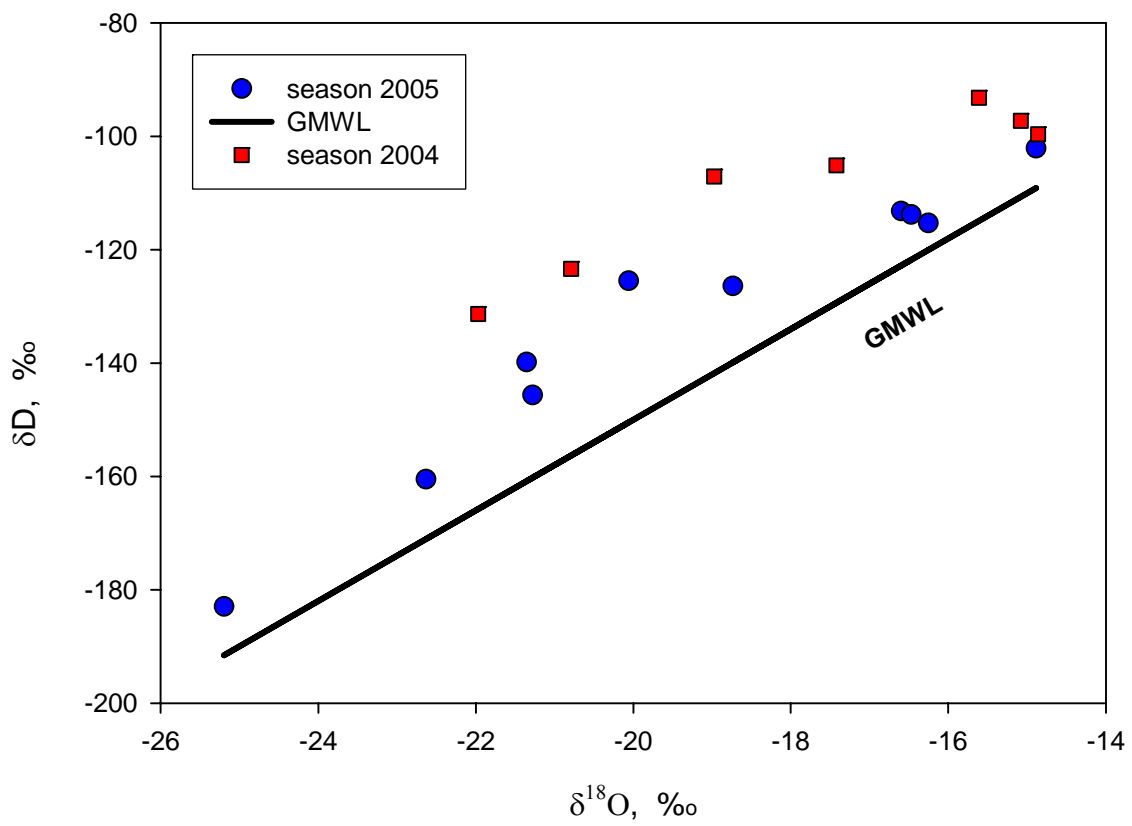


deuterium in atmospheric water

CZE003, season: 2004

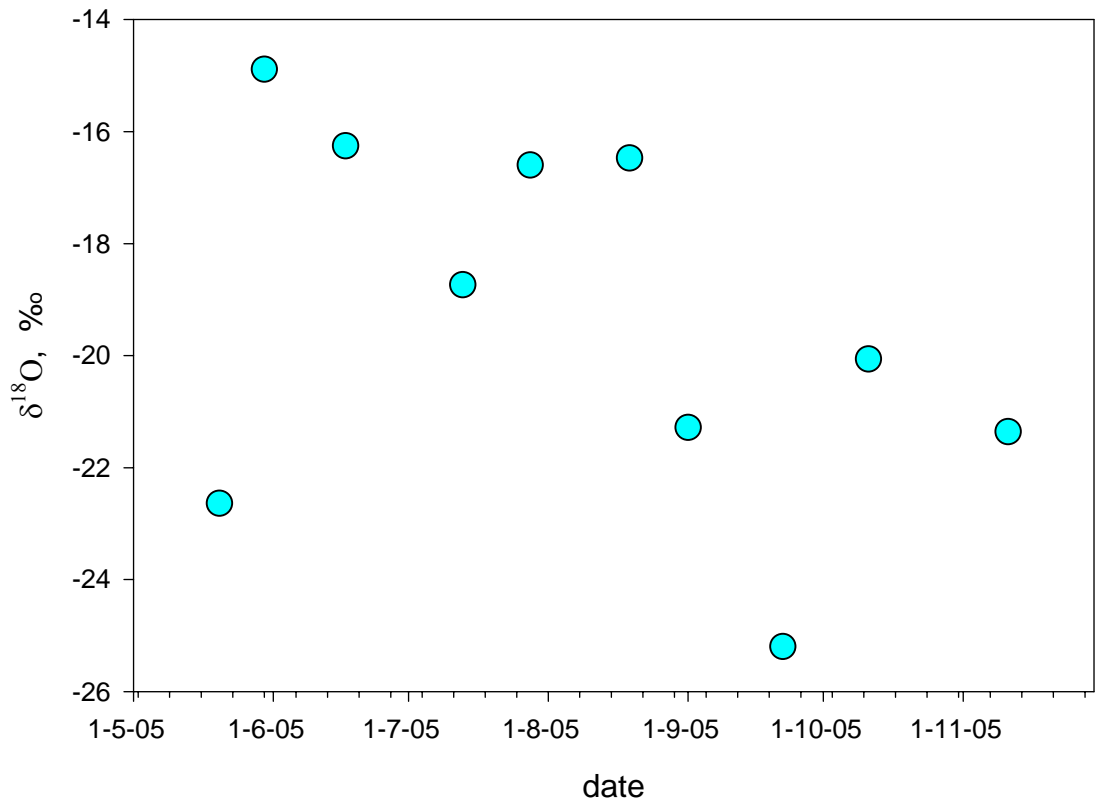


Atmospheric water and GMWL  
CZR003 (Ceske Budejovice)  
seasons 2004, 2005



$^{18}\text{O}$  in atmospheric water

CZE003, season: 2005



deuterium in atmospheric water

CZE003, season: 2005

