

Appendix I

Isotope data for peat core PAT16-AP1

Data Set II: *Sphagnum* cellulose isotope data presented in Chapter 4 and Appendix E.

The ages were based on Bacon age-depth model (calendar years before 1950)

Age	$\delta^{18}\text{O}$	$\delta^{13}\text{C}$	Age	$\delta^{18}\text{O}$	$\delta^{13}\text{C}$	Age	$\delta^{18}\text{O}$	$\delta^{13}\text{C}$	Age	$\delta^{18}\text{O}$	$\delta^{13}\text{C}$
-62	20.7	-25.7	249	20.0	-24.7	1696	21.2	-27.1	3976	21.5	-25.7
-60	20.9	-24.4	279	21.5	-24.0	1720	22.2	-26.9	4007	21.8	-25.9
-59	21.1	-24.1	298	21.6	-24.6	1739	21.8	-27.2	4037	22.3	-27.4
-57	20.8	-24.7	316	21.7	-23.9	1753	22.2	-26.9	4068	21.1	-28.5
-55	20.4	-24.4	334	21.5	-23.7	1764	21.4	-26.5	4123	22.1	-26.7
-53	21.2	-24.3	353	21.9	-23.8	1774	21.0	-26.4	4146	22.0	-26.6
-51	20.9	-23.6	369	21.1	-24.0	1784	21.7	-26.3	4173	22.2	-28.2
-49	21.2	-23.5	386	21.5	-23.7	1793	20.9	-26.5	4198	21.3	-27.4
-48	21.1	-23.9	405	22.5	-23.2	1801	21.0	-25.9	4222	21.3	-27.7
-47	21.3	-24.1	424	22.0	-23.3	1809	20.9	-26.1	4249	20.9	-27.8
-45	22.0	-23.5	444	21.3	-25.1	1816	20.6	-25.7	4280	22.5	-26.9
-44	20.2	-24.6	468	22.3	-26.2	1823	20.6	-26.7	4306	21.4	-27.1
-42	21.1	-24.8	494	22.3	-26.4	1831	21.1	-25.8	4332	21.0	-26.9
-39	21.4	-24.5	513	21.8	-26.1	1839	20.6	-26.3	4357	21.5	-27.2
-36	21.3	-24.1	534	21.6	-27.0	1846	21.7	-27.2	4385	20.3	-27.2
-33	20.6	-24.1	594	21.0	-27.1	1854	21.7	-25.1	4416	21.7	-26.9
-30	20.6	-24.4	688	21.0	-27.6	1863	23.4	-24.8	4445	22.9	-26.2
-27	20.8	-24.3	772	21.0	-28.0	1871	22.5	-24.8	4472	21.2	-27.1
-25	21.1	-24.0	851	20.1	-28.2	1881	21.3	-24.8	4497	20.8	-28.1
-22	21.5	-24.9	939	21.2	-28.1	2518	22.8	-24.5	4524	21.6	-27.0
-20	22.0	-24.4	977	22.6	-27.2	3281	n.a.	-27.9	4556	21.6	-26.8
-17	22.0	-25.2	1007	22.5	-23.8	3362	21.8	-28.0	4582	21.0	-26.2
-10	21.9	-25.1	1037	22.2	-24.3	3416	21.9	-26.7	4608	20.9	-27.0
0	21.7	-25.5	1065	20.7	-25.8	3444	21.7	-25.7	4636	22.3	-26.6
10	21.7	-24.5	1098	20.5	-26.1	3475	20.5	-25.9	4663	21.4	-25.6
20	22.4	-23.9	1146	21.9	-24.0	3511	22.0	-25.2	4691	22.2	-25.4
30	21.6	-25.1	1208	21.7	-26.2	3541	n.a.	-25.5	4846	21.8	-26.4
44	21.9	-25.6	1266	21.5	-26.4	3567	21.6	-27.8	4872	21.6	-26.1
62	22.0	-24.5	1317	21.4	-26.2	3592	21.4	-27.8	4899	21.3	-27.1
80	21.6	-25.4	1371	20.8	-28.1	3619	21.8	-25.7	4927	21.3	-27.5
93	21.5	-25.2	1408	21.2	-27.1	3646	22.5	-25.3	4954	21.7	-27.1
106	21.8	-26.1	1448	20.4	-26.5	3674	21.1	-26.1	4981	21.6	-26.4
117	21.0	-25.0	1488	20.7	-25.8	3699	n.a.	-26.2	5009	22.0	-25.1
130	21.0	-23.9	1530	21.3	-26.2	3727	21.3	-26.3	5036	21.2	-26.3
144	20.7	-25.0	1565	21.7	-25.9	3755	21.6	-27.8	5062	20.5	-25.5
160	20.6	-25.6	1582	21.5	-27.1	3812	21.2	-26.7	5090	21.0	-25.9
173	20.9	-24.9	1600	21.6	-28.1	3835	21.3	-26.8	5329	22.5	-25.5
186	21.5	-25.0	1617	21.3	-27.7	3864	20.9	-27.7	5352	21.4	-26.5
198	20.7	-26.5	1633	21.8	-27.0	3896	21.6	-26.0			
213	21.1	-25.4	1652	22.1	-25.8	3923	22.1	-27.0			
232	20.8	-24.8	1673	21.7	-26.1	3950	21.4	-26.8			