Appendix Table B1. Radiocarbon analyses.

[ID, identification number; ^{14}C yr BP, conventional radiocarbon age in years before present (referenced to A.D. 1950) calculated using the Libby half life of 5,568 years; $\delta^{13}C$, parts per thousand deviation of the ratio of carbon-13 to carbon-12 relative to the international VPDB standard carbonate, unmeasured values assumed to be -25.0 for determination of conventional radiocarbon age; --, analysis not performed; "Modern" results indicate a post A.D. 1950 age; calibrated age ranges and median ages reported in years before present (referenced to A.D. 1950) and calculated with OxCal 4.1 (Ramsey and others, 2001; Ramsey, 2009; https://c14/arch.ox.ac.uk/oxcal, accessed 11 March 2009), Curve IntCal09 calibration dataset (Reimer and others, 2009), and a laboratory error multiplier of 1]

Sample site	Field sample ID	Material sampled	Laboratory ID	^{14}C yr BP	1-sigma error[1]	$\delta^{13}C$	Calibrated 2-sigma age range(s) (fraction of probability density function if less than 0.95)[2]	Median age[2]
7-1-05-1	SM-13-05	Charcoal	WW5421	10,075	35	--	11,821-11,397	11,640
7-1-05-2	SM-14-01	Detrital willow stem	WW5422	630	35	--	665-550	600
9-22-05-1	SW-14-01	Charcoal	WW5555	3,380	30	--	3,700-3,557(94.3)	3,620
9-22-05-1	SW-14-02	Sedge stem	WW5556	3,535	35	--	3,904-3,700	3,810
9-22-05-2	SW-14-04	Seeds	WW5557	1,430	35	--	1,385-1,290	1,330
9-22-05-2	SW-14-05	Wood	WW5558	1,575	35	--	1,537-1,389	1,470
9-22-05-3	SW-14-07	Sedge stem fragments	WW5559	1,410	35	--	1,373-1,293	1,320
9-22-05-3	SW-14-08	Detrital wood	WW5560	4,380	35	--	5,042-4,860	4,940
9/12/06-1a	9/12/06-1a(1)	Woody stem fragment	WW6095	1,714	33	--	1,703-1,545	1,620
9/12/06-2	9/12/06-2(3)	Detrital charcoal clast	WW6096	1,399	33	--	1,360-1,277	1,310
9/12/06-3	9/12/06-3(3)	Detrital charcoal clast	WW6097	516	33	--	559-505(84.2); 628-603(11.2)	530
9/13/06-1	9/13/06-1(2)	Ponderosa Pine bark fragment	WW6098	119	32	--	150-11(62.5); 271-186(32.4)	120
9/13/06-3	9/13/06-3(1)	Willow stem fragment	WW6099	2,557	35	--	2,755-2,684 (49.9); 2,598-2,495 (29.8); 2,640-2,611 (15.7)	2,690
9/18/06-1	9/18/06-1(14)	Sedge stem fragments	WW6103	1,321	33	--	1,300-1,221 (70.7); 1,215-1,178 (24.7)	1,260
9/20/06-3	9/20/06-3(3)	Sedge stem fragments	WW6101	1,616	33	--	1,569-1,410 (94.4)	1,490
9/20/06-4	9/20/06-4(3)	Sedge stem fragments and two seeds	WW6102	684	33	--	685-631 (61.2); 599-560 (34.2)	650
6/22/07-4	6/22/07-4(6)	Detrital willow stem	Beta234718	1,460	40	-26.2	1,411-1,295	1,350
6/22/07-5	6/22/07-5(1)	In-situ burned charcoal	Beta234715	5,160	40	-22.0	5,995-5,880 (79.9); 5,825-5,755 (15.5)	5,920
6/23/07-1	6/23/07-1(9)	Grass stem	WW6425	Modern	--	--	Post A.D. 1950	--
6/25/07-1	6/25/07-1(3)	Detrital willow stem	WW6419	2,018	25	-26.9	2,010-1,896 (90.4)	1,970
6/25/07-2	6/25/07-2(1)	Charcoal	Beta234714	4,760	40	-22.8	5,589-5,450 (81.4); 5,378-5,329 (14.0)	5,510
6/26/07-3	6/26/07-3a(2)	Detrtial wood	Beta234717	250	60	-19.4	483-255 (62.8); 224-137 (23.4); 33-4	300
6/26/07-3	6/26/07-3b(1)	Detrtial wood	Beta234716	3,890	40	-24.0	4,423-4,227 (90.9)	4,330
6/28/07-2	6/28/07-2(3)	Detrtial wood	Beta234719	960	40	-25.5	939-785 (94.1)	860
7/24/07-1	7/24/07-1(9a)	Sedge stem fragment	WW6420	2,205	25	-26.5	2,316-2,149	2,240
7/24/07-2	6/24/08-1[3]	Polygonuma seeds	Beta252116	6,790	40	-24.1	7,683-7,579	7,630
7/24/07-2	6/24/08-1[3]	Polygonuma seeds	WW7036	6,770	30	-25.1	7,669-7,580	7,620
9/14/07-1	9/14/07-1(2)	Sedge fragment	WW6428	3,265	45	--	3,587-3,385 (94.7)	3,490

9/14/07-1	9/14/07-1(3)	Sedge stem fragment	WW7040	~2,300[4]	--	--	--	--	--
9/14/07-1	9/14/07-1(9)	Alder cone	WW7037	4,170	30	-23.5	4,768-4,611 (72.9); 4,831-4,782 (20.0)	4,710

[1]Standard error on basis of combined measurements of the sample, background, and modern reference standards.

[2]Rounded to the nearest decade

[3]Split sample

[4]Sample ran poorly, approximate result