

TABLE 1. RADIOCARBON DATES FOR RITTERBUSH POND

CAMS number	Core	Depth (cm)	Correlation depth in C2'	Material	$\delta^{13}\text{C}^\dagger$	^{14}C age	Adjusted ^{14}C age [§]	Calibrated Age [#] (cal yr B.P.)	Best age estimate
33132	RT-2	96	164	gyttja	-31.7	2570 ± 60	2120	2146 (2093) 1993	2090
33135	RT-2	142	228	gyttja	-31.5	3170 ± 60	2720	2855 (2787) 2767	2790
33352	RT-2	154	238	gyttja	-29.5	2940 ± 70	2490	2717 (2707, 2629, 2499) 2475	2610
22993	RT-2	220	300	gyttja	-30.6	3960 ± 60	3510	3843 (3817, 3782, 3732) 3700	3780
33351	RT-2	339	439	gyttja	-32.0	6540 ± 60	6090	7014 (6915) 6871	6920
20195	RT-2	348	448	gyttja	-32.4	6430 ± 70	5980	6884 (6833, 6826, 6799) 6742	6820
32856	RT-2	416	537	gyttja	-32.7	9140 ± 60	8690	9666 (9638) 9533	9640
32854	RT-2	426	547	gyttja	-31.8	8870 ± 60	8420	9469 (9434) 9374	9430
33134	RT-2	426	547	gyttja	-31.8	8950 ± 50	8500	9469 (9467) 9444	9470
33350	RT-2	426	547	gyttja	-31.8	8890 ± 60	8440	9471 (9440) 9385	9440
32855	RT-2	426	547	seed	-28	8450 ± 60	8450	9475 (9442) 9389	9440
46942	C2	77	77	gyttja	-31	1290 ± 40	840	771 (733) 699	730
46943	C2	383	383	gyttja	-31	5240 ± 40	4790	5587 (5578) 5566 5540 (5510, 5505) 5473	5520
46944	C2	424	424	gyttja	-31	6080 ± 40	5630	6456 (6412) 6394	6410
40775	C2	440	440	twig	-28	6020 ± 70	6020	6932 (6866) 6767	6870
46945	C2	489	489	gyttja	-31	7720 ± 40	7270	8081 (8060, 8039) 8021 8017 (8001) 7981	8030
40776	C2	548	548	gyttja	-31	9030 ± 60	8580	9571 (9505) 9459	9510
44693	C3	64	164	wood	-26.5	2050 ± 50	2050	2060 (1990) 1931	1990
44695	C3	144	238	wood	-27.6	2550 ± 50	2550	2751 (2726) 2709 - 2502	2622
44697	C3	375	432	wood	-28	5790 ± 70	5790	6677 (6626) 6504	6630
44699	C3	444	510	bark	-32.0	7880 ± 50	7880	8718 (8582) 8540	8580
44694	C4	81	164	leaves	-28.0	2040 ± 50	2040	2042 (1980) 1916	1980
44696	C4	132	238	gyttja, leaves	-29.5	2570 ± 60	2570 ^{††}	2761 (2734) 2709 2623 - 2502	2630
44698	C4	311	448	gyttja, leaves	-23.3	6430 ± 40	5980	6860 (6833, 6826, 6799) 6774	6820
44700	C4	380	547	wood	-30.6	8450 ± 50	8450	9473 (9442) 9399	9440

[†]All ages are stratigraphically correlated to depth in core 2 (C2).

[‡]Measured acid-base-acid-washed samples reported to one decimal place. Estimated values (no decimal) are average for all measured samples.

[§]¹⁴C ages were adjusted for measured gyttja-macrofossil offset by subtracting 450 ¹⁴C yr from each gyttja age. For explanation and justification see Bierman et al (1997).

[#]Adjusted ¹⁴C ages calibrated with CALIB rev 3.0.3A (Stuiver and Reimer, 1993). A 1 σ range encloses reported intercepts in ().

^{||}Intercept or average of intercepts where one range is reported, weighted average of intercepts (or midpoint of range where no intercept is reported) where two ranges are reported. Ages rounded to nearest decade.

^{††}Sample not adjusted for gyttja-macrofossil offset because of ambiguity of material dated.