

Lab number	Sample number (Wils et al., 2018)	Total depth MD07-3117 (cm)	Corrected depth (cm)	Description	Dry weight (mg C)	$\delta^{13}\text{C}$ (‰)	14C age (years BP $\pm 1\sigma$)	2 σ calibrated age range (cal yrs BP)	Relative probability (%)
44915*	AY-RC1	3	8	Branch	4.4	-37.2	490 \pm 30	470-535	95
44916	AY-RC2	67	72	Leaf	3.1	-33.6	300 \pm 30	156-167 195-202 280-334 361-446	2.3 1.1 52.5 39.1
53265	/	74	79	Leaf	1.29	-29.80	315 \pm 30	287-336 358-448	39.1 55.8
44917	AY-RC3	94.5	99.5	Leaf	12.5	-28.6	225 \pm 30	-2-4 14-16 72-82 106-112 141-228 251-304	0.7 0.2 1.2 0.7 66.5 25.5
53266	/	96.5	101.5	Leaf	0.31	-33.40	240 \pm 30	146-223 261-309	64.7 30.2
53267-S	/	107	112	Seed	0.21	-12.60	565 \pm 40	501-561 605-626	87 7.8
53268	/	113.5	118.5	Twig	0.29	-31.00	425 \pm 30	327-380 388-402 438-504	27.6 2.5 64.8
53269	/	115	120	Twig	0.09	-19.40	500 \pm 70	324-413 430-562 604-627	17.2 74.7 3.1
53270	/	117	122	?	0.20	-27.50	400 \pm 40	324-419 422-496	50.8 44
53271	/	125.5	130.5	Seed	0.76	-30.30	445 \pm 30	331-364 443-514	15.4 79.6
53272	/	131	136	Leaf	0.65	-28.60	485 \pm 30	464-534	95
53273	/	132	137	Leaf	0.36	-34.00	435 \pm 30	328-374 394-398 440-509	21.7 0.6 72.6
53274	/	156.5	161.5	Leaf	0.74	-32.20	480 \pm 30	456-532	95
44918	AY-RC4	174	179	Leaf	2.4	-32.2	605 \pm 30	522-567 597-632	61.4 33.4
53275	/	188	193	Leaf	1.19	-32.20	695 \pm 30	559-614 621-663	54.1 40.8
53276	/	201.5	206.5	Leaf	1.29	-32.90	665 \pm 30	554-651	95
44920	AY-RC5	213	218	Wood	64.8	-31.4	915 \pm 30	694-695 722-816 835-836 836-904	0.2 83.4 0.2 11.2

53277-S	/	255.5	260.5	Twig	0.08	-22.80	710 ± 70	545-694 696-721	89.6 5.2
53278-S	/	256	261	Twig	0.10	-18.30	1190 ± 60	930-1184 1220-1220 1254-1256	94.7 0.1 0.2
53279	/	284.5	289.5	Leaf	0.93	-29.90	1045 ± 30	804-871 885-886 898-961	36.3 0.4 58.3
53280	/	310	315	Leaf	0.63	-30.40	1170 ± 30	957-1074	95
53281-S	/	323.5	328.5	Twig	0.05	-29.90	1560 ± 90	1274-1593 1603-1605	94.8 0.1
44921	AY-RC6	358	363	Wood	6.0	-24.8	1640 ± 30	1412-1547 1551-1559	93 1.8
44922	AY-RC7	390	395	Leaf	0.9	-36.7	1615 ± 30	1379-1391 1402-1534	3.1 91.7
44923	AY-RC8	419	424	Leaf	1.0	-27.4	1715 ± 30	1523-1623 1650-1699	79.1 15.8
53282	/	446	451	Twig	0.18	-29.30	7500 ± 60	8172-8388	95
44924	AY-RC9	467	472	Wood	73.8	-24.5	2100 ± 30	1930-1978 1986-2099 2132-2142	15.4 77.8 1.8
53283	/	507	512	Bark	0.69	-28.10	1990 ± 30	1831-1937 1952-1995	78.1 16.7
44925	AY-RC10	526.5	531.5	Leaf	2.7	-34.7	1975 ± 45	1748-1771 1790-1790 1802-2000	4.9 0.1 89.9
53284	/	543.5	548.5	Twig	1.12	-31.90	2075 ± 30	1921-2063 2086-2083	92 2.9
53285-S	/	564.5	569.5	Twig	0.06	-16.50	2480 ± 70	2352-2716	95
53286-S	/	582	587	Twig	0.13	-15.90	2780 ± 70	2742-3005 3015-3017	94.8 0.2
53287	/	615.5	620.5	Leaf	0.43	-31.10	2345 ± 30	2180-2257 2298-2363	18.4 76.6
53288	/	648	653	Leaf	0.56	-28.40	2440 ± 30	2344-2502 2593-2614 2636-2694	80.2 3.3 11.4
44926	AY-RC11	672	677	Leaf	9.2	-21.9	2585 ± 30	2491-2602 2607-2642 2660-2661 2678-2751	41.8 13 0.2 40
53289	/	684	689	Leaf	1.05	-28.60	2550 ± 30	2467-2741	95
44927	AY-RC12	823	828	Wood	5.9	-26.5	3225 ± 30	3276-3282 3342-3477	0.7 94.2

44928	AY-RC13	981.5	986.5	Wood	21.1	-28.0	3785 ± 30	3982-4162 4168-4180 4198-4229	85.9 2.1 7
44929	AY-RC14	995.5	1000.5	Leaf	2.5	-28.5	3750 ± 45	3901-4158 4173-4176 4203-4225	92.2 0.3 2.5
44931	AY-RC15	1456	1461	Leaf	11.2	-28.6	5250 ± 30	5904-6017 6081-6107 6158-6172	89.3 3.8 1.8
44932	AY-RC16	1499	1504	Wood	20.6	-26.8	5520 ± 30	6179-6321 6371-6392	91.7 3.3
44933	AY-RC17	1572	1577	Wood	10.9	-31.1	5920 ± 35	6567-6586 6605-6607 6618-6792	2.2 0.2 92.5
44934	AY-RC18	1751	1756	Leaf	2.4	-28.6	6800 ± 35	7568-7675	95
44935	AY-RC19	1870	1875	Wood	11.5	-27.1	7960 ± 40	8604-8811 8826-8871 8878-8977	63.8 10.8 20.4
44936	AY-RC20	1878.5	1883.5	Leaf	4.4	-29.5	5280 ± 30	5917-6029 6042-6069 6076-6118 6150-6176	69.6 4.8 13.2 7.4
44937	AY-RC21	1896	1901	Wood	5.1	-32.6	7455 ± 40	8163-8358	95
44938	AY-RC22	1905	1910	Leaf	1.3	-36.0	7580 ± 35	8214-8244 8247-8257 8301-8414	5.3 1.4 88.3
44939	AY-RC23	2001	2006	Wood	1.2	-32.5	8080 ± 40	8723-9030	95