

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
-1564	157:149	3360 ± 130			1410 B.C.
-1565	157:149	10,700 ± 500			8850 B.C.
-1566	157:150	7520 ± 250			5570 B.C.
-1567	157:150	3550 ± 150			1500 B.C.
-1568 ¹	157:124	10,760 ± 400			8810 B.C.
-1571 ¹	157:124	7400 ± 500			5450 B.C.

¹ Carbonate date, not corrected for isotopic fractionation in carbonate.

² Cross-check, C-126.

³ Cross-check, C-152.

⁴ Cross-check, C-247.

⁵ Cross-check, C-288.

⁶ Cross-check, GrN-1699.

⁷ Cross-check, A-21, A-22.

⁸ Cross-check, A-19.

⁹ Cross-check, GrN-2149.

¹⁰ Cross-check, A-60A, A-80B.

¹¹ Cross-check, W-638.

¹² Cross-check, GrN-2901, M-863B.

University of Manitoba

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
Ma-3	57:70	5300 ± 150			3350 B.C.
-4	57:70	3150 ± 130			1200 B.C.
-6	57:70	29,000 ± 150			27,050 B.C.
-7	57:70	38,500 ± 3500			36,550 B.C.
-15	57:70	21,600 ± 900			19,650 B.C.
-17	57:70	20,200 ± 800			18,250 B.C.

Monaco, Centre Scientifique de Monaco

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
MC-1	136:195	4500 ± 250			2550 B.C.
-2	136:195	4500 ± 250			2550 B.C.
-3	136:195	150 ± 150			A.D. 1800
-4	136:195	18500 ± 250			16,550 B.C.
-5	136:195	>30,000			
-6	136:195	>30,000			
-7	136:195	5100 ± 250			3150 B.C.
-8	136:195	5220 ± 230			3270 B.C.
-9	136:195	2050 ± 200			100 B.C.
-10	136:196	4450 ± 230			2500 B.C.
-11	136:196	4080 ± 25			2130 B.C.
-12	136:196	620 ± 160			A.D. 1330
-13	136:196	1080 ± 120			A.D. 870
-14 ¹	136:196	5460 ± 300			3510 B.C.

¹ Sa-66

University of Miami, Marine Laboratory

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
ML-12	158,81 ¹	3700 ± 90	4105 ± 90 c	—400	2155 B.C.
-13	158,81	4005 ± 100	4420 ± 100 c	—423	2470 B.C.
-14	158,81	6615 ± 130	7030 ± 130 c	—583	5080 B.C.
-15	158,81	2630 ± 105	3040 ± 105 c	—315	1090 B.C.
-17	158,81	8275 ± 120	8620 ± 120 c	—658	6670 B.C.

Laboratory number	Published reference	Original date or other value	Corrected date or other value	δC^{14} , ‰	A.D./B.C. date
-19	158,81	12,810 ± 185	13,220 ± 185 c	-807	11,270 B.C.
-20	158,81	21,040 ± 335	21,480 ± 335 c	-931	19,530 B.C.
-21	158,81	1515 ± 90	1925 ± 90 c	-213	A.D. 25
-22	158,81	8750 ± 115	9180 ± 115 c	-679	7230 B.C.
-23	158,81	16,125 ± 215	16,520 ± 215 c	-872	14,570 B.C.
-24	158,81	26,275 ± 570	26,710 ± 570 c	-964	24,760 B.C.
-28	158,81	2425 ± 70	2835 ± 70 c	-293	885 B.C.
-29	158,81	4785 ± 75	5195 ± 75 c	-473	3245 B.C.
-30	158,81	18,190—265	18,590 ± 265 c	-901	16,640 B.C.
-32	158,81	910 ± 65	1320 ± 65 c	-144	A.D. 630
-33	158,81	1145 ± 70	1550 ± 70 c	-167	A.D. 400
-34	158,81	3350 ± 75	3755 ± 75 c	-370	1805 B.C.
-35	158,81	5200 ± 85	5640 ± 85 c	-499	3690 B.C.
-36	158,81	3685 ± 80	4090 ± 80 c	-394	2140 B.C.
-37	158,81	790 ± 65	1205 ± 65 c	-130	A.D. 745
-38	158,81	1770 ± 65	2180 ± 65 c	-231	230 B.C.
-39	158,81	6770 ± 110	7185 ± 250 c	-591	5235 B.C.
-40	158,81	5965 ± 90	6370 ± 90 c	-545	4420 B.C.
-41	158,81	29,120 ± 850	29,640 ± 850 c	-975	27,690 B.C.
-48	158,81	1520 ± 65	1930 ± 65 c	-209	A.D. 20
-49	158,81	2285 ± 65	2700 ± 65 c	-280	750 B.C.
-50	158,81	7280 ± 95	7695 ± 95 c	-612	5745 B.C.
-51	158,81	4715 ± 80	5120 ± 80 c	-467	3170 B.C.
-52	158,103 [†]	<300	720 ± 100 c	-79	A.D. 1230
-53	158,103	2105 ± 65	2515 ± 65 c	-263	565 B.C.
-54	158,103	2515 ± 65	2920 ± 60 c	-300	970 B.C.
-55	158,103	845 ± 60	1250 ± 60 c	-139	A.D. 700
-56	158,103	2370 ± 65	2780 ± 65 c	-288	830 B.C.
-57	158,103	2315 ± 65	2760 ± 65 c	-284	810 B.C.
-58	158,103	2500 ± 65	2910 ± 65 c	-300	960 B.C.
-60	158,103	1515 ± 60	1915 ± 60 c	-208	A.D. 35
-61	158,103	1810 ± 65	2220 ± 65 c	-237	270 B.C.
-62	158,103	3650 ± 70	4065 ± 70 c	-393	2115 B.C.
-63	158,103	4335 ± 75	4735 ± 75 c	-442	2785 B.C.
-66	158,103	1210 ± 140	1620 ± 250 c, d	-177	A.D. 330
-67	158,103	1180 ± 90	1595 ± 160 c, d	-174	A.D. 355
-68	158,103	7700 ± 115	8110 ± 115 c	-633	6160 B.C.
-69	158,103	6950 ± 105	7360 ± 105 c	-597	5410 B.C.
-70	158,103	8570 ± 150	8980 ± 210 c, d	-672	7030 B.C.
-71	158,103	8350 ± 120	8740 ± 175 c, d	-662	6790 B.C.
-72	158,103	12,480 ± 200	12,880 ± 200 c	-798	10,930 B.C.
-73	158,103	12,770 ± 150	13,180 ± 150 c	-806	11,230 B.C.
-75	158,103	7890 ± 100	8312 ± 100 c	-642	6362 B.C.
-77	158,103	>45,000	>45,000 c	-1000	
-78	158,103	22,570 ± 340	23,020 ± 340 c	-843	21,070 B.C.
-79	158,103	34,970 ± 1400	35,300 ⁺¹⁷⁰⁰ / ₋₁₃₀₀ c	-888	33,350 B.C.
-80	158,103	4425 ± 70	4835 ± 70 c	-449	2885 B.C.
-81	158,103	6160 ± 80	6570 ± 80 c	-555	4620 B.C.
-83	158,103	1480 ± 60	1890 ± 60 c	-199	A.D. 60
-84	158,103	955 ± 50	1370 ± 50 c	-149	A.D. 580
-85	158,103	645 ± 50	1040 ± 50 c	-114	A.D. 910
-86	158,103	2025 ± 55	2440 ± 55 c	-254	490 B.C.
-87	158,103	3075 ± 65	3900 ± 65 c	-376	1950 B.C.
-89	158,103	11,180 ± 150	11,590 ± 140 c	-763	9640 B.C.
-90	158,103	9930 ± 130	10,350 ± 130 c	-723	8400 B.C.
-91	158,103	14,870 ± 200	15,340 ± 200 c	-851	13,390 B.C.
-92	158,103	<200	<200	-18	
-94	158,103	8860 ± 130	9270 ± 200 c, d	-685	7320 B.C.
-95	158,103	15,220 ± 220	15,600 ± 220 c	-857	13,650 B.C.
-96	158,103	21,910 ± 430	22,300 ± 430 c	-938	20,350 B.C.
-97	158,103	27,440 ± 950	27,900 ± 950 c	-969	25,950 B.C.

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
-100	158,103	18,785 ± 510	19,210 ± 510 c	-908	17,260 B.C.
-101	158,103	19,100 ± 300	19,500 ± 300 c	-911	17,550 B.C.
-102	158,103	24,350 ± 510	24,740 ± 510 c	-954	22,790 B.C.
-103	158,103	22,870 ± 350	23,300 ± 350 c	-945	21,350 B.C.
-106	158,103	15,910 ± 215	16,300 ± 215 c	-868	14,350 B.C.
-107	158,103	14,310 ± 150	14,750 ± 150 c	-840	12,800 B.C.
-108	158,103	17,600 ± 280	18,000 ± 280 c	-893	16,050 B.C.
-109	158,103	15,880 ± 190	16,305 ± 190 c	-868	14,355 B.C.
-110	158,103	22,260 ± 450	22,600 ± 450 c	-940	20,650 B.C.
-111	158,103	19,340 ± 275	19,725 ± 275 c	-914	17,775 B.C.
-112	158,103	4140 ± 80	4545 ± 80 c	-430	2595 B.C.
-113	158,103	3555 ± 100	3960 ± 100 c	-387	2010 B.C.
-114	158,103	480 ± 60	900 ± 60 c	-108	A.D. 1050
-115	158,103	1065 ± 65	1475 ± 65 c	-170	A.D. 475
-116	158,103	8195 ± 110	8600 ± 110 c	-658	6650 B.C.
-117	158,103	1495 ± 75	1905 ± 75 c	-207	A.D. 45
-118	158,103	<200	170 ± 60 c	-16	A.D. 1780
-119	158,103	<200	185 ± 60 c	-20	A.D. 1765
-120A ^a	158,103	<200	300 ± 60 c	-22	A.D. 1650
-120B ^a	158,103	<200	425 ± 60 c	-34	A.D. 1525
-121A ^a	158,103	760 ± 80	1185 ± 125 c	-122	A.D. 765
-121B ^a	158,103	590 ± 80	580 ± 130 c, d	-67	A.D. 1370
-123	158,138 ^f	<200	250 ± 60 c	-29	A.D. 1700
-124	158,138	465 ± 55	865 ± 80 c, d	-98	A.D. 1085
-125	158,138	540 ± 50	945 ± 80 c, d	-108	A.D. 1005
-132	158,138	<200	710 ± 60 c	-71	A.D. 1240
-135	158,138	210 ± 215	620 ± 600 c, d	-74	A.D. 1330
-136	158,138	2760 ± 300	3165 ± 600 c	-326	1215 B.C.
-137	158,138	7720 ± 115	8125 ± 150 c	-637	6175 B.C.
-138	158,138	30,200 ⁺¹³⁰⁰ -1100	30,665 ⁺¹³⁰⁰ -1100 c	-978	28,715 B.C.
-139	158,138	>32,000	>31,700 d	-992	
-140	158,138	30,720 ⁺⁹⁰⁰ -770	31,140 ⁺⁹⁰⁰ -700 c	-980	29,190 B.C.
-141	158,138	>45,000	>30,000 d	-974	
-153A ⁴	158,138	9700 ± 105	10,120 ± 105 c, d	-716	3170 B.C.
-153B ⁵	158,138	9900 ± 105	10,320 ± 105 c	-723	8370 B.C.
-157	158,138	42,200 ⁺⁴⁴⁰⁰ -2800	42,600 ⁺⁴⁴⁰⁰ -2800 c	-995	40,650 B.C.
-158	158,138	42,700 ⁺⁵¹⁰⁰ -3100	42,600 ⁺⁵¹⁰⁰ -3100 c	-995	40,650 B.C.
-159	158,138	13,700 ± 150	14,050 ± 210 c	-776	12,100 B.C.
-160	158,138	3960 ± 110	4390 ± 210 c	-414	2440 B.C.
-161	158,138	4780 ± 80	5170 ± 80 c	-474	3220 B.C.
-162	158,138	4965 ± 150	5370 ± 400 c	-487	3420 B.C.
-163	158,138	13,780 ± 305	14,190 ± 600 c	-829	12,240 B.C.
-164	158,138	14,680 ± 270	15,090 ± 270 c	-847	13,140 B.C.
-165	158,138	21,850 ± 370	22,280 ± 370 c	-938	20,330 B.C.
-166	158,138	21,220 ± 350	21,650 ± 350 c	-932	19,700 B.C.
-167	158,138	<200	<300 d		
-168	158,138	915 ± 60	1330 ± 60 c	-138	A.D. 620
-185	158,138	10,580 ± 125	11,000 ± 125 c	-745	9050 B.C.

¹ All dates as recalculated and republished in ref. 158 are listed in Column 4; Column 2 gives, as the second number, the reference number (81, 103, 138) but not the page of original publication. Page references to 158 omitted.

² Residue after humic acid removal, not designated A until ref. 158.

³ Humic acid fraction, not designated B until ref. 158.

⁴ Sample with incomplete removal of humic acid, not designated A until ref. 158.

⁵ Residue after humic acid removal, not designated B until ref. 158.