

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
-757	166:207	3690 ± 110			1740 B.C.
-758	130:121	14,305 ± 230	14,305 ± 230 ³		12,355 B.C.
-760	130:126	2460 ± 110			510 B.C.
-770	130:127	5380 ± 120			3430 B.C.
-771	130:131	2460 ± 200			510 B.C.
-771	130:134	see Q-621 bis ²			A.D. 155
-790	166:209	7030 ± 120	7030 ± 120 ³		5080 B.C.
-791	166:209	5790 ± 120			3840 B.C.
-792	166:209	3928 ± 110	3928 ± 100 ³		1978 B.C.
-793	166:210	2428 ± 110	2428 ± 110 ³		478 B.C.
-802	166:212	$\delta C^{14} + 20\text{‰}$		20	
-805	166:210	2495 ± 110			545 B.C.
-806	166:210	2275 ± 100			325 B.C.
-807	166:210	2377 ± 100			427 B.C.
-810	166:209	4920 ± 100			2970 B.C.
-811	166:209	5530 ± 100			3580 B.C.
-815	166:211	10,300 ± 185			8350 B.C.
-818	166:211	6244 ± 140			4294 B.C.
-838	166:211	$\Delta C^{14} 767 \pm 20$			
QHF/62/0	130:135	$\delta C^{14} \text{‰} 3529$		3529	
-/62/1	130:135	$\delta C^{14} \text{‰} 2000$		2000	
-/62/2	130:135	$\delta C^{14} \text{‰} 1723$		1723	
-/62/3	130:135	$\delta C^{14} \text{‰} 5882$		5882	
-/62/4	130:135	$\delta C^{14} \text{‰} 2706$		2706	
-/62/5	130:135	$\delta C^{14} \text{‰} 1235$		1235	
-/62/6	130:135	$\delta C^{14} \text{‰} 2647$		2647	
-/62/7	130:135	$\delta C^{14} \text{‰} 3765$		3765	
-/62/8	130:135	$\delta C^{14} \text{‰} 1823$		1823	
-/62/9	130:135	$\delta C^{14} \text{‰} 2588$		2588	
-/62/10	130:135	$\delta C^{14} \text{‰} 1294$		1294	
-/62/11	130:135	$\delta C^{14} \text{‰} 3470$		3470	
-/62/12	130:135	$\delta C^{14} \text{‰} 1096$		1096	
-/62/13	130:135	$\delta C^{14} \text{‰} 1717$		1717	
-/62/14	130:135	$\delta C^{14} \text{‰} 877$		877	
-/62/15A	130:135	$\delta C^{14} \text{‰} 650$		650	
-/62/15B	130:135	$\delta C^{14} \text{‰} 1055$		1055	
-/62/16A	130:135	$\delta C^{14} \text{‰} 1823$		1823	
-/62/16B	130:135	$\delta C^{14} \text{‰} 2754$		2754	
-/63/17	130:135	$\delta C^{14} \text{‰} 3690$		3690	
-/63/18A	130:135	$\delta C^{14} \text{‰} 9022$		9022	
-/63/18B	130:135	$\delta C^{14} \text{‰} 5377$		5377	
-/63/19	130:135	$\delta C^{14} \text{‰} 5854$		5854	
-/63/20	130:135	$\delta C^{14} \text{‰} 4804$		4804	
-/63/21	130:135	$\delta C^{14} \text{‰} 5386$		5386	

¹ Reference standard for earlier samples was age-corrected pre-industrial wood, shown (by Q-462) not to differ significantly from 0.95 x NBS oxalic acid standard.

² Pub. as Q-771, ref. 130, p. 134, *rec* p. 131.

³ Original duplicate measurements have been averaged arithmetically.

University of Rome, Carbon-14 Dating Laboratory

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R-1 ²	97a:2679	2125 ± 75 ³			175 B.C.
-1 ²	125:78	1990 ± 85			40 B.C.
-2	97a:2679	1810 ± 140 ³			A.D. 140
-3	125:82	1900 ± 80			A.D. 50
-4	97a:2679	1650 ± 180 ³			A.D. 300
-5	167:216	700 ± 60			A.D. 1250
-6	97a:2679	2730 ± 240 ³	d		

Laboratory number	Published reference	Original date or other value	Corrected date or other value	δ C ¹⁴ , ‰	A.D./B.C. date
-6	167:216	2380 ± 60			430 B.C.
-7	125:82	3310 ± 210			1360 B.C.
-9	125:81	2460 ± 100	d		
-9	167:217	2870 ± 60			920 B.C.
-10	125:82	2140 ± 65			190 B.C.
-10A	167:216	2175 ± 45			225 B.C.
-10B	167:216	2250 ± 45			300 B.C.
-11	125:87	8000 ± 100			6050 B.C.
-12	125:87	6400 ± 200			4450 B.C.
-13	125:87	5550 ± 70			3600 B.C.
-14	125:87	4660 ± 80			2710 B.C.
-15	125:87	3000 ± 100			1050 B.C.
-17	125:83	2120 ± 190			170 B.C.
-19	125:83	2600 ± 150			650 B.C.
-20	125:83	2280 ± 250			330 B.C.
-21	125:83	2360 ± 85			410 B.C.
-22A	125:83	2280 ± 90			330 B.C.
-22B	125:83	2260 ± 80			310 B.C.
-23	125:84	280 ± 80			A.D. 1670
-24	167:217	2700 ± 60			750 B.C.
-25	167:215	3495 ± 60			1545 B.C.
-26	167:216	1935 ± 55			A.D. 15
-27	167:213	2190 ± 65			240 B.C.
-28	167:218	2350 ± 65			400 B.C.
-29A	125:81	580 ± 50			A.D. 1370
-32	167:217	2515 ± 45			565 B.C.
-33	167:219	3300 ± 40			1350 B.C.
-35	125:84	3880 ± 80			1930 B.C.
-36	167:219	2950 ± 40			1000 B.C.
-37	125:84	2410 ± 50			460 B.C.
-38	97a:2679	3600 ± 700*			1650 B.C.
-38	167:219	3200 ± 45			1250 B.C.
-39	167:220	18,550 ± 400			16,600 B.C.
-39	125:87	18,800 ± 400			16,850 B.C.
-40	125:88	4400 ± 300			2450 B.C.
-41	125:88	2950 ± 250			1000 B.C.
-42	125:88	4200 ± 300			2250 B.C.
-43	125:88	5600 ± 300			3650 B.C.
-44	125:88	Not dated			
-45	125:88	1300 ± 250			A.D. 650
-46	125:88	1750 ± 250			A.D. 200
-47	125:88	2400 ± 300			450 B.C.
-48	125:88	4800 ± 300			2850 B.C.
-49	125:88	2400 ± 250			450 B.C.
-50	125:88	2750 ± 250			800 B.C.
-51	125:88	2850 ± 250			900 B.C.
-52	125:86	7780 ± 100			5830 B.C.
-53	125:86	2020 ± 100			70 B.C.
-54	167:218	9050 ± 100			7100 B.C.
-56 [†]	—:94	11,930 ± 520			9980 B.C.
-58	125:79	11,800 ± 600			9850 B.C.
-63	125:82	340 ± 60			A.D. 1610
-64 [‡]	125:78	11,900 ± 170	d		9950 B.C.
-64 [†]	167:220	11,200 ± 145			9250 B.C.
-66	125:81	3500 ± 250			1550 B.C.
-78	125:81	4200 ± 300			2250 B.C.
-80	167:215	470 ± 45			A.D. 1480
-81	125:86	3200 ± 75			1250 B.C.
-82	125:86	3600 ± 60			1650 B.C.
-83	125:79	13,000 ± 700			11,050 B.C.
-84	125:85	480 ± 80			A.D. 1520

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-85	125:85	430 ± 90			A.D. 1520
-86	125:85	370 ± 80			A.D. 1580
-92A	125:82	1890 ± 90			A.D. 60
-92B	125:82	1850 ± 85			A.D. 100
-93	167:218	200 ± 200			A.D. 1750
-94A	167:214	2050 ± 50			100 B.C.
-94B	167:214	2440 ± 55			490 B.C.
-95	167:213	5825 ± 75			3875 B.C.
-96	167:214	3230 ± 60			1280 B.C.
-97	167:215	3475 ± 60			1525 B.C.
-98	167:215	3075 ± 60			1125 B.C.
-106 ⁴	125:79	11,800 ± 280			9850 B.C.
-109	167:215	7800 ± 100			5850 B.C.
-113	125:80	2100 ± 80			150 B.C.
-114	125:80	2970 ± 90			1020 B.C.
-117	167:217	3100 ± 60			1150 B.C.
-122	125:81	4650 ± 90			2700 B.C.
-130	167:218	13,170 ± 175			11,220 B.C.

¹Reference standard: Wood grown near Rome between 1949 and 1953.

²Cross-check sample (R-1) distributed by Rome Lab. to many laboratories: T-9; St103/A/B; BM-15; Q-112; U-68.

³R-64, cross-check sample distributed by H. Tauber, Copenhagen Lab., (K-101) to many labs.: K-101 bis; K-102 bis; Gro-454; St-18; U-20; U-75; H-105; BM-19; W-82, W-84.

⁴Sample given us by Hl. de Vries at Groningen (Nov. 1957); it is the sample pub. as Gro-933 and Gro-948.

⁵Pub. in *Quaternaria*, v. 5, p. 94.

University of Saskatchewan, Department of Chemistry

Laboratory number	Published reference	Original date or other value	Corrected date or other value	$\delta C^{14}, \text{‰}$	A.D./B.C. date
S-1	180	1910 ± 130 ^s		211 ± 17	A.D. 40
-2	180	3400 ± 200 ^s	2780 ± 200 c	292 ± 16	830 B.C.
-3	180	2430 ± 160 ^s		260 ± 16	480 B.C.
-4	180	2415 ± 160 ^s		268 ± 16	465 B.C.
-7	180	>25,000 ^s		966 ± 16	
-12	180	3670 ± 270 ^s		367 ± 21	1720 B.C.
-13	180	5600 ± 300 ^s		502 ± 21	3650 B.C.
-16	89:73	6250 ± 250	6300 ± 250 a	544 ± 11	4350 B.C.
-17	180	d	see S-17 bis		
-17 bis	89:77	2350 ± 60		252 ± 6	400 B.C.
-18	89:77	2450 ± 160		264 ± 11	500 B.C.
-19	89:77	1580 ± 140		179 ± 12	A.D. 370
-20	89:77	660 ± 130		80 ± 10	A.D. 1290
-22	180	1580 ± 159 ^s		179 ± 24	A.D. 370
-25	180	4400 ± 216 ^s	d	438 ± 23	
-25 ¹	89:74	4600 ± 210	4650 ± 210 a	439 ± 15	2700 B.C.
-26	180	>23,000 ^s		1015 ± 28	
-28	180	2400 ± 173 ^s		258 ± 24	450 B.C.
-29	89:74	11,400 ± 450		760 ± 11	9450 B.C.
-30	89:74	12,000 ± 500		777 ± 11	10,050 B.C.
-31	180	12,660 ± 440 ^s		793 ± 21	10,710 B.C.
-32	90:71	7800 ± 300	7850 ± 300 a	622 ± 11	5900 B.C.
-33	90:71	2980 ± 175	3030 ± 175 a	313 ± 11	1080 B.C.
-34	90:71	8180 ± 320	8230 ± 320 a	670 ± 12	6280 B.C.
-40	89:76	>33,000		v.J.J.D ± v.c	
-41	89:74	10,000 ± 300		710 ± 13	8050 B.C.
-42	89:76	>30,000		992 ± 13	
-43	89:79	400 ± 120	450 ± 120 a	43 ± 11	A.D. 1600