DirectAMS | Radiocarbon Dating Services

Dr. Ugo Zoppi
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Ben Marwick,
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Dear Ben,

Your samples submitted for radiocarbon dating have been processed and measured by AMS. Following results were obtained:

DirectAMS code	Submitter ID	$\delta(^{13}C)$	Fraction of modern		Radiocarbon age	
		per mil	pMC	1σ error	BP	1σ error
D-AMS 011967	A1 2-6, CH 1	-23.2	24.70	0.14	11233	46
D-AMS 011968	A1 2-6, CH 2					
D-AMS 011969	A1 2-6, CH 3					
D-AMS 011970	A1 2-6, CH 4					
D-AMS 011971	A1 2-6, CH 5					
D-AMS 011972	A1 2-6, CH 6					
D-AMS 011973	B1 1-6, CH 1	-26.7	25.09	0.13	11107	42
D-AMS 011974	B1 1-6, CH 4					
D-AMS 011975	A1 2-10, CH 2	-20.7	24.87	0.18	11178	58
D-AMS 011976	A1 2-10, CH 3					
D-AMS 011977	A1 2-10, CH 4					
D-AMS 011978	A1 2-10, CH 5					
D-AMS 011979	B1 2-10, CH 1	-23.4	25.18	0.12	11078	38
D-AMS 011980	B1 2-10, CH 2					
D-AMS 011981	B1 2-10, CH 3					
D-AMS 011982	B1 2-10, CH 4					
D-AMS 011983	B1 2-10, CH 5					
D-AMS 011984	B1 2-10, CH 6a					
D-AMS 011985	B1 2-10, CH 6b					

D-AMS 011986	**B1 2-10, CH 7**					
D-AMS 011987	**B1 2-10, CH 8**					
D-AMS 011988	**B1 2-10, CH 9a**					
D-AMS 011989	**B1 2-10, CH 9b**					
D-AMS 011990	**B1 2-10, CH 10**					
D-AMS 011991	**B1 2-10, L30**					

All results have been corrected for isotopic fractionation with $\delta^{13}C$ values measured on the prepared graphite using the AMS spectrometer. These $\delta^{13}C$ values provide the most accurate radiocarbon ages but cannot be used to investigate environmental conditions.

Best regards,

Ugo Zoppi

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