

Table S1: Average values ($\pm 1\sigma$) for reference samples and blanks prepared and measured at the LMC14 (Saclay, France, ARTEMIS facility). Values are given in ^{14}C yr before present (BP) for FIRIs and blanks and in percent modern carbon (pMC) for C2. The number of measurements is indicated in brackets.

		Cottureau et al. 2007	Moreau et al. 2013	Moreau et al. 2020	This paper
Reference samples	FIRI H	2232 \pm 13 (11)	2238 \pm 28 (49)	2247 \pm 34 (513)	2248 \pm 33 (617)
	FIRI I	4472 \pm 16 (3)	4498 \pm 30 (38)	4494 \pm 34 (521)	4495 \pm 35 (767)
	C2	41.45 \pm 0.2 (9)	41.12 \pm 0.23 (59)	41.08 \pm 0.25 (119)	41.04 \pm 0.33 (175)
Blanks	Charcoal	51200 \pm 650 (32)	48300 \pm 3000 (193)	46800 \pm 2850 (193)	46865 \pm 2740 (329)
	C1	54940 \pm 639 (15)	56250 \pm 3400 (132)	51750 \pm 4050 (150)	52650 \pm 3880 (206)