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Correction to "Isotopic characterization of aerosol organic carbon components over the eastern United States"

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[1] In the paper "Isotopic characterization of aerosol organic carbon components over the eastern United States" by A. S. Wozniak (*Journal of Geophysical Research*, *117*, D13303, doi:10.1029/2011JD017153, 2012), the Table 2 column headings "Millbrook" and "Harcum" were published incorrectly. The correct Table 2 appears here.

Table 2. Isotopic Signatures and Carbon Contents of Large-Volume Aerosol Samples Collected for Detailed Isotopic Analyses[a]

Aerosol OC Component	Parameter	Millbrook				Harcum				Overall Mean
		March 7–10	May 14–16	Aug 10–12	Mean	Feb 19–21	April 10–12	Aug 6–8	Mean	
TOC	$\delta^{13}C$ (‰)	−25.3	−25.8	−24.7	−25.3	−26.2	−26.5	−24.4	−25.7	−25.5
	$\Delta^{14}C$ (‰)	−448	−39	25	−154	−252	−388	−165	−268	−211
	f_{OC}	0.134	0.228	0.281	0.214	0.179	0.169	0.154	0.167	0.191
WSOC	$\delta^{13}C$ (‰)	nd[b]	−25.1	−24.4	−24.7	−26.1	−24.8	−25.2	−25.4	−25.1
	$\Delta^{14}C$ (‰)	nd	−17	6	−6	26	11	22	20	10
	f_{WSOC}[c]	nd	0.22	0.47	0.34	0.29	0.16	0.26	0.24	0.28
WIOC[d]	$\delta^{13}C$ (‰)	nd	−26.0	−25.1	−25.6	−26.7	−26.8	−24.2	−25.9	−25.8
	$\Delta^{14}C$ (‰)	nd	−45	42	−1	−367	−461	−231	−353	−212
	f_{WIOC}	nd	0.78	0.53	0.66	0.71	0.84	0.74	0.76	0.72
TSE[e]	$\delta^{13}C$ (‰)	−27.0	nd	−26.2	−26.6	nd	−27.3	−28.2	−27.6	−27.2
	$\Delta^{14}C$ (‰)	−476	nd	−90	−283	nd	−430	−119	−190	−227
	f_{TSE}	0.67	nd	0.90	0.79	nd	0.43	0.74	0.59	0.69
Aliphatic	$\delta^{13}C$ (‰)	−28.6	−27.7	nd[f]	−28.2	nd	−27.3	−28.9	−28.1	−28.1
	$\Delta^{14}C$ (‰)	−794	−820	−961	−858	nd	−834	−858	−846	−853
	$f_{aliphatic}$	0.007	0.001	0.003	0.0039	nd	0.007	0.002	0.004	0.004
Aromatic	$\delta^{13}C$ (‰)	−27.8	−29.6	−28.3	−28.6	−28.3	−28.4	−27.8	−28.2	−28.4
	$\Delta^{14}C$ (‰)	−692	−77	−446	−405	−466	−540	−446	−484	−444
	$f_{aromatic}$	0.015	0.009	0.004	0.009	0.009	0.007	0.003	0.007	0.006
Polar	$\delta^{13}C$ (‰)	−27.8	−26.1	−28.0	−27.3	−28.6	nd	−26.2	−27.4	−27.3
	$\Delta^{14}C$ (‰)	−750	24	−93	−273	−168	nd	−240	−204	−245
	f_{polar}	0.24	0.039	0.25	0.18	0.063	nd	0.066	0.065	0.13

[a]All reported $\delta^{13}C$ and $\Delta^{14}C$ values were corrected for blank contributions following procedures outlined in the text.
[b]'nd' denotes samples for which values were not determined.
[c]Values represent the fraction of TOC accounted for by the parameter of interest (f_{WSOC}, f_{WIOC}, f_{TSE}, $f_{aliphatic}$, $f_{aromatic}$, f_{polar}).
[d]WIOC (water-insoluble organic carbon) values were calculated by mass balance using values for TOC and WSOC (WIOC = TOC-WSOC): $X_{WIOC} = \frac{(X_{TOC} * f_{TOC} - X_{WSOC} * f_{WSOC})}{f_{WIOC}}$, where X represents either $\delta^{13}C$ or $\Delta^{14}C$ for the component of interest (TOC, WSOC, WIOC).
[e]TSE = Total Solvent Extract.
[f]Sample was too small for measurement of both $\delta^{13}C$ and $\Delta^{14}C$. A value of −25.0‰ was assumed for $\Delta^{14}C$ fractionation corrections.

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