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Corrigendum to "Radiocarbon dating, chronologic framework, and changes in accumulation rates of Holocene estuarine sediments from Chesapeake Bay" [Quaternary Research 57 (2002) 58–70]

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Corrigendum

Corrigendum to “Radiocarbon dating, chronologic framework,
and changes in accumulation rates of Holocene
estuarine sediments from Chesapeake Bay”
[Quaternary Research 57 (2002) 58–70][☆]

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Because of an error in the calculation of bulk densities from water contents, the cumulative masses in Fig. 8 are too high by a factor of about 2. The actual correction depends to small degree on water content and ranges from 1.8 for a water content of 50% to 2.2 for a water content of 75%. The

values for mass accumulation rates in the left two columns of Table 5 are also affected, but the ratios between pre- and post-settlement times are not. A revised version of that table is given below. None of the major conclusions of the paper are materially affected.

Table 5
Comparison of pre- and post-1800 AD accumulation rates

Site	Mass accumulation rate (g/cm ² /yr)			Sedimentation rate (cm/yr)		
	Post-1800 AD	Pre-1800 AD	Ratio post/pre 1800 AD	Post-1800 AD	Pre-1800 AD	Ratio post/pre 1800 AD
1	0.348	0.097	3.57	0.691	0.145	4.76
2	ND	ND	ND	ND	ND	ND
3	0.175	0.210	0.58	0.192	0.326	0.59
4	0.175	0.103	0.21	0.050	0.219	0.23
5	0.100	0.031	1.06	0.100	0.090	1.11
6	1.429	0.340	4.20	1.786	0.277	6.45

ND, not determined.

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