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Addition/Correction

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Correction to Novel Passive Sampling Device for Measuring Sediment-Water Diffusion Fluxes of Hydrophobic Organic Chemicals

Hui-Hui Liu, Lian-Jun Bao, and Eddy Y. Zeng*

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The text from the end of eq 7 to the end of the current section should be deleted, and the following text should be added.

To obtain the time-weighted average flux $\overline{F}_s$ with eq 5, the equivalency of $\overline{a}_1$ and a_1' must be verified. By definition, $\overline{C}_w$ can be expressed as

$$\overline{C}_w = \frac{1}{t}\int C_w dt \tag{8}$$

Substituting eq 3 into eq 8 leads to

$$\begin{aligned}\overline{C}_w &= \frac{1}{t}\int C_0(1 + a_1 Z_w + a_2 Z_w^2 + ... + a_n Z_w^n)dt \\ &= C_0(1 + \overline{a}_1 Z_w + \overline{a}_2 Z_w^2 + ... + \overline{a}_n Z_w^n)\end{aligned} \tag{9}$$

By comparing eqs 6 and 9, we have $\overline{a}_1 = a_1'$ (also $\overline{a}_2 = a_2'$, $\overline{a}_3 = a_3'$, ... $\overline{a}_n = a_n'$).

Correspondingly, Text S7 in the Supporting Information should be deleted. It should be noted that the corrections made here do not affect the results and conclusions in our original article.

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