

# Additions and Corrections

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Joop L. M. Hermens: Dissolved Organic Matter Enhances  
Transport of PAHs to Aquatic Organisms

Some numbers in Table 1 on page 7215 were incorrectly  
printed. The correct form of Table 1 is as follows:

**TABLE 1. Kinetic Parameters and Distribution Coefficients of Fibers, Worms, and Humic Acid**

water and DOC		$C_{aq}^a$ ( $\mu\text{g L}^{-1}$ )	$C_m^b$ ( $\mu\text{g L}^{-1}$ )	$C_m/C_{aq}^c$	Log $K_{DOC}$ ( $\text{L kg}^{-1}$ )
pyrene	0 DOC	0.72 (0.02)	0.73 (0.06)	1.02 (0.12)	<sup>d</sup>
	low DOC	0.72 (0.02)	1.89 (0.04)	2.64 (0.11)	4.97 (0.07)
	high DOC	0.72 (0.02)	4.59 (0.04)	6.40 (0.26)	5.00 (0.04)
benzo[b]fluoranthene	0 DOC	0.043 (0.005)	0.064 (0.09)	1.50 (0.18)	<sup>d</sup>
	low DOC	0.043 (0.005)	1.49 (0.08)	34.2 (4.5)	6.27 (0.03)
	high DOC	0.043 (0.005)	5.22 (0.04)	120 (14.4)	6.34 (0.04)
fiber		$C_{eq}$ ( $\text{mg L}^{-1}$ )	$k_e$ ( $\text{h}^{-1}$ )	$k_u$ ( $\text{h}^{-1}$ )	
pyrene	0 DOC	13.96 (0.24)	0.0066 (0.0003)	129 (5)	
	low DOC	14.80 (0.22)	0.0065 (0.0003)	133 (4)	
	high DOC	14.21 (0.25)	0.0077 (0.0004)	152 (6)	
benzo[b]fluoranthene	0 DOC			78.5 (1.9)	
	low DOC			151 (5)	
	high DOC			220 (16)	
worm		$C_{eq}$ ( $\text{mg kg}^{-1}\text{ww}$ )	$k_e$ ( $\text{h}^{-1}$ )	$k_u$ ( $\text{L kg}^{-1}\text{ww h}^{-1}$ )	Log BCF ( $\text{L kg}^{-1}$ )
pyrene	0 DOC	8.04 (0.29)	0.0058 (0.0006)	65.4 (4.5)	5.60 (0.02)
	low DOC	5.63 (0.29)	0.0076 (0.0011)	74.2 (11.2)	5.45 (0.02)
	high DOC	7.32 (0.51)	0.0094 (0.0020)	96.2 (17.4)	5.56 (0.03)
benzo[b]fluoranthene	0 DOC			47.8 (1.4)	
	low DOC			104 (3)	
	high DOC			189 (5)	

<sup>a</sup>  $C_{aq}$  (the freely dissolved aqueous concentration) is calculated from the concentration in the silicone dosing sheet (eq 1).  
<sup>b</sup>  $C_m$  (the medium concentration) is determined by extracting the medium. <sup>c</sup>  $C_m/C_{aq} = 1 + K_{DOC} \text{ DOC}$ . <sup>d</sup>  $K_{DOC}$  values (sorption  
coefficients to dissolved organic carbon) are not shown for the 0 DOC treatments since the nature of the low DOC present  
in this system is unknown.  $C_{eq}$  is the equilibrium concentration,  $k_e$  is the elimination rate constant, and  $k_u$  is the uptake rate  
constant of the worm and fiber. The BCF (bioconcentration factor) was calculated with lipid corrected equilibrium  
concentrations in the worms and  $C_{aq}$ . Standard deviations ( $K_{DOC}$  and  $C_m/C_{aq}$ ) or standard errors ( $C_m$ ,  $C_{aq}$ ,  $C_{eq}$ ,  $k_e$ ,  $k_u$ , log BCF)  
are given between brackets.

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