ERRATA TO "GEOCHEMISTRY OF MARINE SEDIMENTS" (AS OF 2/10)

1. In Table 3.1 (p. 28) ${}^{16}_{8}N$ should be ${}^{16}_{8}O$.

2. In Table 7.1 (p. 101) the units for ΔG° are kJ per mole *of glucose*. However, the values listed here are off by a factor of 1,000 (e.g., the value of the ΔG° for aerobic respiration should be -2,820). With this in mind, the values in Fig. 7.1 are 1/6th those in this table, and the units here should be kJ per mole of C (i.e., organic carbon).

3. Eq. (6.22) is incorrect, and should be,

$$0 = \frac{\partial}{\partial z}\left(\varphi_s D_b \frac{\partial S}{\partial z}\right) - \frac{\partial}{\partial z}\left(\varphi_s \omega S\right) + \varphi_s \sum R_i$$

4. Eq. (6.23) is incorrect, and should be

$$0 = \frac{\partial}{\partial z}\left(\varphi[D_b + D_s]\frac{\partial C}{\partial z}\right) - \frac{\partial}{\partial z}\left(\varphi v C\right) + \varphi \sum R_i$$

5. On p. 256 in the third line of the caption to fig. 11.2 a reference is made to fig. 6.5. This is incorrect. The correct reference is to fig. 6.4.

6. On p. 328 (near the top of the page), table 8.1 is listed incorrectly, and table 8.3 should be referred to here.

7. On p. 433 (towards the bottom of the page), table 8.1 is listed incorrectly, and table 8.3 should be referred to here.

8. On p. 436 (above eqn. 15.1), table 8.1 is listed incorrectly, and table 8.3 should be referred to here.

9. In Table 9.5 (p. 200) some of the *k* values are incorrect. For the unsaturated fatty acid group, *k* is 1.04 yr^{-1} for TunSFA, 0.98 yr^{-1} for MC, and 0.70 yr^{-1} for LC.

10. On p. 491 (first line) the reference to figure 16.2 is incorrect; it should be fig. 17.3.

11. The following citation is missing on p. 532,

Bronk D. A. (2002) Dynamics of DON. *In* D. A. Hansell and C. D. Carlson (eds.) *Biogeochemistry of Marine Dissolved Organic Matter*. Elsevier Science, pp. 153-247.

12. The paper by Lasaga and Holland (cited on p. 563) was published in 1976 not 1974.