

## Corrections Needed to "Microbial Fuel Cells", B.E. Logan

[1<sup>st</sup> printing] Updated: 5-5-11

### Page Change

- 0 Cover: The arrows are shifted to the left, and need to be shifted right ~1 inch.
- 33 Example 3.1, part a, Line 4, fix units, so change "-280 V" to "-0.280 V"
- 33 Example 3.1, part a, Line 4, include units, so change "-0.233." to "-0.233 V."
- 37 Eq. 37, right side is missing H<sup>+</sup>, so change "NADH" to "NADH + H<sup>+</sup>"
- 41 Two lines above Fig. 3.3, change "-0.09 V" to "-0.101 V"
- 42 Line 2, change superscript from -2 to -4, so change "10<sup>-2</sup>" to "10<sup>-4</sup>".
- 48 Example 4.1 equation at top of page, change " $R_{int}$ " to " $R_{ext}$ ".
- 52 Para 2, Line 6, word cycle is redundant, so change "CAC cycle" to "CAC".
- 52 Four lines from bottom, change "Increases" to "Decreases".
- 74 Example 5.2 has several errors. The data for DO, should be: "0, 0.5, 1.1, 2.1, 2.6, 3.0"  
In the c\* calculation, replace "7.6" with "0.5"; and replace "0.0616" with "0.94"  
3 lines from page bottom, change "A plot of c\*" to "A plot of ln c\*" and change  
"y=0.0053" to "y=0.006"
- 75 Example 5.2, top line, in the equation change "0.0053" to "0.006"; and "1.35" to "1.5".
- 120 Example 7.3, line 2, change " $D_C$ " to " $D_{Cb}$ "
- 123 Example 7.6, first  $P_v$  calculation change value of "0.68" to "0.068".
- 123 Example 7.6, second  $P_v$  calculation change "10<sup>8</sup>" to "10<sup>7</sup>" and "160" to "16".
- 125 The line above equation 8-1, change "298°C" to "298 K".
- 126 First line above figure, change "higher potentials" to "more negative potentials".
- 154 Line 12, fix superscript, change "m3/s" to m<sup>3</sup>/s".
- 154 Line 14, change "14.6" to "14.5".
- 155 3 lines above Table 9.2, change "38%" to "37%"
- 156 Line 6, change "1518 kW" to "1509 kW"
- 158 Para 2, Line 5, change "151 kW" to "147 kW".
- 160 8 lines above section 9.6 heading, change "Ppwer" to "Power"

### Layout notes

- 155 Table 9.1, lower solid horizontal line missing
- 155 Table 9.2, lower solid horizontal line missing