

Errata for the First Printing of *Discovering Design with Biology*

Student Text

- p. ix “Section **5.6**: Evolution:” should be **5.7**
- p. 11 “It **is** also important to note” **is** is missing
- p. 21 “Figure **11.1** attempts to show this.” Should be **1.11**.
- p. 21 “Figure 11.1 incorrectly has the drawing of a bald eagle labeled as a hawk.
- p. 23 “producing completely new kinds of organisms**s**.” **s** is missing
- p. 31 “One important point **thing** to note” Delete **thing**
- p. 33 “This enables the water molecules **to** arrange themselves” **to** is missing
- p. 33 “Another important **properly** of water” should be **property**
- p. 49 “Notice how the **sugar** of the bottom nucleotide links to the **phosphate** of the middle nucleotide, while the **sugar** of the middle one links to the **phosphate** of the top one.” Switch **sugar** and **phosphate** both times.
- p. 58 In 2.7, “Remember, unsaturated fatty acids **can** get close...” should be **can’t**
- p. 71 “cells that don’t need much energy have only **have** one mitochondrion” Delete second **have**
- p. 80 “uses a different design to capture CO₂ when **is** not as readily available.” Should be **it’s**
- p. 95 “However, there **are** two important differences between cells and the constructs” **are** is missing
- p. 142 The fifth row of the first column of Figure 5.11 should be AaBbcc. That makes it one shade lighter as well.
- p. 154 “Section **5.6**: Evolution:” should be **5.7**
- p. 158 “**Transduction** was involved, followed by conjugation. In **transduction**” In both cases, it should be **transformation**.
- p. 200 “That means it takes about 1 million lying **size-by-side**” Should be **side**
- p. 205 “The differences in biochemistry of bacteria can be used to detect their presence and **identity** them.” Should be **identify**

- p. 292 “This is an example of how damage to the environment has consequences that are far greater **that** what might be seen initially” Should be **than**
- p. 310 “It is not unusual for the frogs to become infected if special care is not taken **to** make sure the water stays clean.” **to** is missing
- p. 323 “At the other extreme, the smallest reptile is the nano-chameleon (*Brookesia nana*), which **is** 13.5 mm (0.53 inches) long” **is** is missing
- p. 327 “Most lizards have four limbs, whereas snakes do not **have** any.” **have** is missing
- p. 333 “The common box turtle (*Terrapene carolina*) is actually **is**” Delete second **is**
- p. 336 “This **is** structure is called a beak.” Delete first **is**
- p. 376 “The twisted and tied bag also had drops coming off it, but **it**” Delete **it**
- p. 388 “...even one that is only a few inches tall, it would **be** much more difficult for you to tear apart with your hands.” **be** is missing
- p. 434 “Section **14.6**: Plant Hormones” should be **14.7**
- p. 492 “You **will** be able to find frogs and toads,” **will** is missing
- p. 507 “Remember what **a** happened when a few dozen rabbits” Delete **a**
- p. 539 “Answer questions 6-**12** in the Chapter 1 Review” should be **21**
- p. 547 “Experiment **15.1**” should be **5.1** and “Experiment **15.2**” should be **5.2**
- pp. 545-551 The microscope kit items are not in blue. Here is a list with the right colors:
<https://bereanbuilders.com/mkt/res/lab/9798985252941ls.pdf>

Answer Key and Tests

- p. 41 3. “... ,while gram-positive bacteria will be **blue**.” should be **purple**
- p. 44 3. “... , gram-positive bacteria are **blue**.” should be **purple**
- p. 46 1c. “The shrinking of a cell’s cytoplasm due to water” should have **loss** at the end
- p. 50 1a. “The shrinking of a cell’s cytoplasm due to water” should have **loss** at the end
- p. 55 9. “The sequence is A – C – G – **G** – U – A” should be A – C – G – **C** – U – A
- p. 55 17 should be worth 2 pts, since the rubric works out to 2 pts
- p. 56 The total points should be 51.