

Corrections for *Human Population Genetics* by John H. Relethford
Updated April 4, 2018

Preface, page viii, second paragraph under 'Acknowledgments':

Spelling change from 'Frances' to 'Francis' (change 'e' to 'i')

Preface, page ix, third line:

Add comma after 'Wolpoff'

Chapter 1, page 16, question # 4:

The last three sentences for this example should read:

There are twelve face cards in the deck (four jacks, four queens, and four kings). The probability of getting a face card is therefore $\frac{12}{52}$. Put these together using the OR rule, and the probability of getting an ace or a face card is $\frac{4}{52} + \frac{12}{52} = \frac{16}{52} = 0.308$.

Chapter 3, page 60, Figure 3.10:

The ancestors labeled '8' and '12' should be indicated as squares (males) rather than females (circles)

Chapter 3, page 73, Figure 3.14:

Change second occurrence of the word 'Random' on the right side of the figure to 'Total' (i.e., the solid line in the graph should be labeled 'Total inbreeding (F)')

Chapter 4, page 79, second line under Table 4.1:

Change "chromosome 21" to "chromosome 3"

Chapter 4, page 90, last sentence of first full paragraph:

Change 'obviously 4 h' to 'obviously 4 hours' (spell out abbreviation)

Chapter 5, page 103, last paragraph:

Change 'receives' to 'receive' (delete 's')

Chapter 5, page 105, end of the next to last paragraph:

Delete the sentence 'In this case, the allele frequency did not change from one generation to the next.'

Chapter 5, page 106, caption for Figure 5.1, second to last sentence:

Change 'drifted down to zero' to 'drifted up to 1.0.'

Chapter 5, page 115, equation (5.2):

The equation is missing the term p after the term N in the numerator. The equation should read as:

$$\bar{t}_0 = \frac{-4Np \ln(p)}{1 - p}$$

Chapter 5, page 116, point 2 under 'Effective Population Size':

Change 'assume that there variation' to 'assume that the variation' (change 'there' to 'the')

Chapter 5, page 121, first sentence of section B:

Change "extinction of fixation" to "extinction or fixation" (change "of" to "or")

Chapter 6, page 147, equation (6.4):

The equation should have a minus sign instead of a plus sign in the right-hand expression of the numerator. The equation should read as:

$$\Delta p = \frac{pq[p(w_{AA} - w_{Aa}) + q(w_{Aa} - w_{aa})]}{\bar{w}}$$

Chapter 6, page 157, second paragraph, fourth line:

Change 'we use the letter t for' to 'we use the letter *t* for' (italicize the letter 't')

Chapter 6, page 163, last paragraph, second line:

Change 'and $w_{aa} = 0.9$.' to 'and $w_{aa} = 0.99$.' (number changes from 9 to 99)

Chapter 6, page 164, caption for Figure 6.14, end of fourth line:

Change ' $w_{aa} = 0.9$;' to 'and $w_{aa} = 0.99$;' (number changes from 9 to 99)

Chapter 6, page 168, 7th line in the first full paragraph:

Change "Natural selection also interacts with selection, ..." to "Natural selection also interacts with drift, ..." (the second use of 'selection' is changed to 'drift').

Chapter 7, page 192, third line:

Change "... somewhat earlier age ..." to "... somewhat more recent age ..."

Chapter 7, page 195, last sentence of the paragraph at the top of the page:

Change "... evolved lighter skin." to "... evolve lighter skin." (change 'evolved' to 'evolve')

Chapter 8, page 223, last sentence under 'Example 8.1':

Change $\frac{3}{59}$ to $\frac{4}{59}$ (numerator changes from 3 to 4)

Chapter 9, page 244, first paragraph, last sentence before numbered list:

Change 'Relethford (2011)' to 'Relethford (2012)'

Glossary, page 259, definition of **fitness**:

Change 'The probability of and individual' to 'The probability of an individual' (Change 'and' to 'an')

References, page 275, reference for Relethford (2011):

Change date from '2011' to '2013'