Errata file for the *Numerical ecology* (2012) book, for copies printed and sold between July 2012 and May 2014[1]

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P. 156, 3 lines before eq. 4.12: "(hence $m = 1$ when testing a …"

Line before eq. 4.12: "so that $v_1 = 1$ and"

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P. 162, Fig. 4.6 right: a left-pointing arrowhead is missing.

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P. 166, line 12: change the apostrophe to a curly apostrophe in "equation's partial derivative"

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P. 183, Fig. 4.11, Models 1, 2 and 3, add periods at the end of " r_{ac} not signif " (3 times).

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P. 188, lines 2 and 3: m_1 and m_2 (with indices 1 and 2 <u>not</u> in italics)

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P. 215, line 1:
"that, when all judgement vectors $\mathbf{y}_j$ are identical, the sum of R_i^2 is $p^2n(n+1)(2n+1)/6$."

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P. 233, line 5 under eq. 6.18: "B / (A + B) controls for the total amount of information in **a**, whereas B / (B + C) controls for the total information in **b**."

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P. 251, eq. 6.34b: $N_1 = \exp H_1$

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[1] These errata have been corrected in copies printed and sold after May 14, 2014.

P. 358, Table 8.5, second step, $D(214,432) = 0.7930$ instead of 0.9730

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P. 437, second paragraph under the caption of Figure 9.3, line 3: there is comma followed by a period. The comma should be removed. The sentence should read: "space (Fig. 9.4)."

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P. 443 line 7: remove "percent" in "cumulative ~~percent~~ fit of the objects is".

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P. 557, parag. 3, last line: change
"computed from standard regression coefficients (i.e. from the standardized variables)."
to
"computed by regressing **y** on the standardized variables **X**."

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P. 560, 3rd line under Table 10.5: Write "Pluralitas" instead of "Pluralites".

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P. 567, parag. 5:
add 3 words at the end of the first sentence, remove the comma and 4 words at the end of the second sentence.
" As a final note, it is useful to remember that several types of explanatory variables
can be used in multiple regression, besides quantitative variables:
• Binary descriptors can be used as explanatory variables in multiple regression ~~, together with quantitative variables~~. "

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P. 576, lines 8 and 11:
Errors in the regression coefficients (the same errors on two different lines):

Line 8:
regression equation: $y = 0 + 0.10 w_{r(\mathbf{X})1} + 0.14 w_{r(\mathbf{X})2} + 0.02 w_{r(\mathbf{X})3}$

Line 11:
regression equation: $y = 8.90 + 0.10 w_{r(\mathbf{X})1} + 0.14 w_{r(\mathbf{X})2} + 0.02 w_{r(\mathbf{X})3}$

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P. 602 line –6: replace "However, the sum of <u>squared</u> distances in the …" by "However, the sum of <mark>squares of the</mark> distances in the …"

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P. 640, parag. 3, line 2: the font of **U** in expression $\mathbf{U}\boldsymbol{\Lambda}^{1/2}$ should be Times.

Line 4: the font of **Z** in expression $\mathbf{Z}\boldsymbol{\Lambda}^{-1/2}$ should be Times.

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P. 671, Figure 11.10 –
• Remove panel identifier <mark>(a)</mark> in the lower-right corner of the graph.
• Remove panel identifier <mark>(a)</mark> at the beginning of the figure caption.

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P. 728, equation 12.5: add a square to the parenthesis. The formula becomes:

$$s_{yy}(0) = \frac{1}{n}\sum_{i=1}^{n}(y_i - \bar{y})^2$$

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P. 748, line 4 (i.e. the first line under eq. 12.14): replace "Equation 12.15 is called a Fourier series." by "Equation 12.<mark>14</mark> is called a Fourier series."

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P. 793, line 8: "it is described <mark>in</mark> Priestley (1964), …"

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P. 881, Section 14.2, parag. 1, line 6: change "Fig. 4.10a" to "Fig. <mark>14</mark>.10a".

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P. 889, correction to Fig. 14.11 panel (b): change A8 to <mark>E8</mark>.

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P. 900, parag. 2, line 5: change "in the <u>present</u> paragraph" to "in the <mark>previous</mark> paragraph".

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P. 926, reference to Gower 1966: remove the period after the journal name "Biometrika".

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P. 953, reference to Sidak: put the volume number (62) in bold, remove the space that follows it.

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Add a line in the Subject Index –
P. 974, under "coefficient (continued)", first column, the line to add is:

  RV c., 699-700, 704, 710

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