

Corrections to “The Discovery of a Visual System”

by Adrian Horridge

Those marked by an asterisk * are serious errors

p. viii. Lines 8 and 9. Delete ‘His son Mark etc----mathematics.’ which is duplicated below.

p. xiv. 10 lines down. After ‘Canada’ Insert ‘two of the Royal Society of Sweden,’

p. 5. Col. 2, 8 lines up. Change ‘der’ to ‘den’.

*p. 18, Legend to Fig. 2.5. Delete ‘Small numbers are edge lengths’.

*p. 40, Col.2. 14 lines down. Delete ‘green’ and change the line to ‘channels for only UV and blue as colours were available in the bee’ etc.

*p. 45, Col. 1. 8 lines up. Change ‘at night’ to ‘by day’.

*p. 80. In legend to Fig.4.46, delete ‘*Gyrinus*’. Insert ‘*Dytiscus*’.

*p. 84, Legend to Figure 4.52 should be ‘Intracellular records from the receptors of the dorsal eye of the mayfly *Atelophlebia*, male. (A) Final tests to locate the recorded ommatidium. (B, C) Responses to movement of a fine wire across facets adjacent to the sensitive one. (D) Responses to calibrated intensity steps. (E) Responses as the wire is moved across the sensitive facet in steps of 25µm. (F) Repeat of (E) with the wire closer to the eye. (Horridge et al, 1982).

*p. 91, Col. 1, 15 lines up. ‘delete ‘known’. Insert ‘unknown’.

p. 102. Fig. 5.14 (E). Interchange the two columns of the black histogram. The larger should be to the left.

*p.113, Fig. 6.7(C). The black discs should be spirals, as on the left side.

p. 18, Legend to Fig. 2.5. Delete ‘Small numbers are edge lengths’.

p. 36, Fig. 3.7(A) The two histogram columns should be equal at 50%.

p. 40, Col.2. 14 lines down. Delete ‘green’ and change the line to ‘channels for only UV and blue as colours were available in the bee’ etc.

p. 45, Col. 1. 8 lines up. Change ‘at night’ to ‘by day’.

p. 51, Col.2, 12 lines down. Change ‘channels’ to ‘signals’.

- p. 61, Col 1, 5 lines down, Insert comma after 'Exner'.
- p. 80. In legend to Fig.4.46, delete '*Gyrinus*'. Insert '*Dytiscus*'.
- p. 92, Col. 1, lines 9 -10. Delete the full stop after 'Fig. 5.1E)'; insert a comma, and change 'The' to 'the'. p. 140, col. 2, lines 5 and 6 up. Delete to remove the duplication.
- p. 142, col. 2, last line. After 'display, ADD '(compare Fig.2.2).'
- p. 157, Legend to Fig. 8.6, line 1. After 'averaging', add 'of'.
- p. 177, Col 1, line 22. Add name 'Ernst Pick' to Index of Names.
- p.191. Col 2 .14 lines up, delete "swimming".
- p. 195, Col.1, 11 lines up, 'in journals of robotics.' is correct in ordinary text.
- p.133, Col. 2, last line. Insert "the same" after "it was".
- p.139, Col. 1, 15 lines up. 'modulation of polarity' should read 'polarity of modulation'.
- p. 230, Col. 2, 5 lines up. Change '55' to '65'.