Erratum

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Our paper (Shimozawa and Kanou 1984) contains erroneous expressions and incorrect values. Firstly, page 498, right column, line 11, the equation should read:

$$v(y, t) = V_0 \cdot \cos(2\pi f \cdot t) - V_0 \cdot \exp(-k \cdot y) \cdot \cos(2\pi f \cdot t - k \cdot y)$$

instead of

$$v(y, t) = V_0 \cdot \exp(-k \cdot y) \cdot \cos(2\pi f \cdot t - k \cdot y) - V_0 \cdot \cos(2\pi f \cdot t)$$

Secondly, line 14 in the same column, the value in parentheses should read:

$$1.5 \times 10^{-5} \text{ m}^2/\text{s} \quad \text{instead of} \quad 1.5 \times 10^{-6} \text{ m}^2/\text{s}$$

Thirdly, line 8 from the bottom in the same column, the formula should read:

$$F(U, r) = 22.9 \times 10^{-5} \cdot U / (-9.79 - \ln(r \cdot |U|))$$

instead of

$$F(U, r) = 22.9 \cdot U / (1.72 - \ln(r \cdot |U|))$$

These errors were introduced in the text during the process of manuscript preparation after all computation had been completed. They did not affect the results and discussion of the paper.

Fourthly, page 501, line 8, and left column, line 9 from the bottom, the formula should read:

$$V_0 / (2\pi \cdot f_b) \quad \text{instead of} \quad V_0 / (\pi \cdot f_b)$$

This error leads to wrong values. On page 501, Table 2, column R_d should read:

0.66–1.26	0.33–0.62
0.88–1.15	instead of 0.36–0.57
0.79–0.99	0.37–0.49

On page 503, left column, line 12 from the bottom, the value should read: 0.16 instead of 0.3.

Fifthly, column R_l in Table 2 contains incorrect values. R_l should read:

3.8–6.5	3.8–6.7
3.2–5.1	instead of 3.2–5.1
2.6–3.6	1.8–3.6

On page 501, right column, line 13 from the bottom, the values should read: 2.6–6.5 instead of 1.8–6.7.

Due to the last two errors some statements in our paper must be modified. Kämper and Kleindienst (1990) discuss the modifications necessary. We thank them for their critical examination of our paper.

References

- Shimozawa T, Kanou M (1984) The aerodynamics and sensory physiology of range fractionation in the cercal filiform sensilla of the cricket *Gryllus bimaculatus*. J Comp Physiol A 155:495–505
- Kämper G, Kleindienst H-U (1990) Oscillation of cricket sensory hairs in a low-frequency sound field. J Comp Physiol A 167:193–200