

Four-choice sound localization abilities of two Florida manatees, *Trichechus manatus latirostris*

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doi:10.1242/jeb.089227

This Corrigendum relates to *J. Exp. Biol.* **212**, 2105-2112.

The authors misunderstood JEB's policies on citing non-peer-reviewed literature and failed to cite the dissertation of Gerstein (Gerstein, 1999), who measured the ability of one manatee to localize tones.

Gerstein used pulsed test tones with a 20 ms duration and a repetition rate of 10 Hz for either 200 or 500 ms. Signals were presented in azimuth from -90 to $+90$ deg (with 0 deg facing directly in front of the manatee). The manatee was able to localize with above-chance performance, from 55 to 90% accuracy. In our study we used either 3 s tonal signals or broadband noise with four signal durations (200 ms, 500 ms, 1 s and 3 s). Accuracy for the tonal signals was 32 to 49%, but much higher (65–90%) for the broadband signals. The results of Gerstein suggest that pulsed tonal signals are intermediate in localizability between tonal and broadband signals.

The authors apologise to Dr Gerstein, the journal editors and the readership for any inconvenience this may have caused but assure readers that it does not affect the data, results, interpretations or conclusions of the paper.

Publisher's note

The journal received a letter of concern relating to a lack of acknowledgement of a previous body of research in *J. Exp. Biol.* **212**, 2105-2112. After contacting the authors of the paper, the journal asked The University of South Florida, USA, to carry out an investigation. The outcome of this investigation indicated no evidence of misconduct.

Reference

Gerstein, E. R. (1999). Psychoacoustic evaluations of the West Indian manatee. PhD dissertation, Florida Atlantic University, Boca Raton, FL, USA.