

Erratum

The chapter entitled “The Sensitivity of the Insect Nose: The Example of *Bombyx Mori*”,
authored by Karl-Ernst Kaissling.
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In the 3rd line after section 3.2 it reads: "about 109 molecules or 4×10^{-13} g". Instead of 109 it should read 10^9 . Two lines down it says: "a 1 cm² piece". Also here it should read 1cm².

3.2 Molecule Capture by the Antenna

To investigate the effectiveness of molecule capture by the antenna we used ³H-labelled bombykol (Kasang 1968; Schneider et al 1968). With a high specific activity of 31.7 Ci/g, or one ³H-atom per four bombykol molecules, about 10^9 molecules or 4×10^{-13} g were required for a measurement in the scintillation counter. The odour source, a 1cm² piece of filter paper (f.p.), had to be loaded with 3×10^{-12} g of bombykol in order to induce wing fluttering of some of the moth with a ten-s stimulus. Almost all of the responses occurred within two s. The threshold curve (in % of moths responding within the first two s) covered about 2 decades of stimulus

We kindly ask you to excuse this mistake.

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