

CORRIGENDUM

Natural variation in the growth and development of *Protopiophila litigata* (Diptera: Piophilidae) developing in three moose (*Artiodactyla: Cervidae*) antlers—CORRIGENDUM

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The original published version of this article (Angell and Cook 2019) contained an error in the calculation of antler surface area in Table 1, which also affected the estimates of male density in Table 1 and Fig. 2. The relative patterns remain unchanged. This corrigendum presents corrected versions of Table 1 and Fig. 2.

Table 1. Attributes of three moose (*Alces alces*) antlers containing larval *Protopiophila litigata*.

Antler	Surface area (cm ²)	Chewing damage (%)	Average male density (cm ⁻²)	Number of larvae collected*	Mean number of larvae per day	Proportion of flies male
A	4204	12	0.000	22	0.54	0.53
B	4758	1.4	0.007	277	6.8	0.68
C	4370	0.69	0.887	82	4.3	0.54

*Because not all larvae eclosed successfully and a few escaped before they could be measured, the statistical analyses included only 19, 176, and 57 individuals from each antler, respectively.

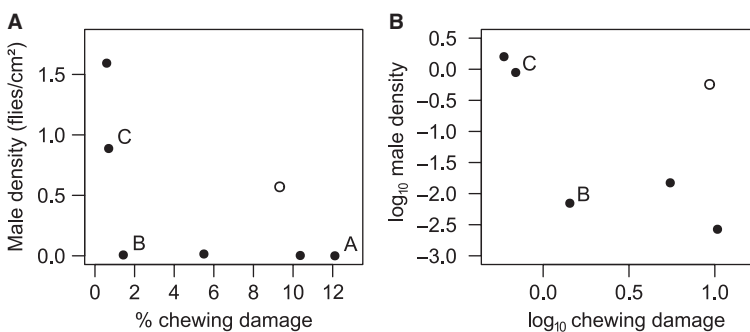


Fig. 2. The relationship between the proportion of antler surface area damaged by animal chewing and the mean male *Protopiophila litigata* density (antler attractiveness) on seven moose antlers in 2017. **A**, untransformed data; **B**, log₁₀-transformed data. Previous work by Bonduriansky (1996) demonstrated a strong correlation between these variables on a log–log scale ($r = -0.97$). Letters correspond to antlers in Table 1. Antler A does not appear on the log₁₀ plot as it had a male density of 0. One antler (hollow circle) had been stored inside a shed, away from access by *P. litigata*, for a year prior to the study.

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References

- Angell, C.S. and Cook, O. 2019. Natural variation in the growth and development of *Protopiophila litigata* (Diptera: Piophilidae) developing in three moose (Artiodactyla: Cervidae) antlers. *The Canadian Entomologist*, **151**: 531–536. <https://doi.org/10.4039/tce.2019.32>.
- Bonduriansky, R. 1996. Effects of body size on mate choice and fecundity in the antler fly, *Protopiophila litigata* (Diptera: Piophilidae). MSc Thesis. University of Guelph, Guelph, Ontario, Canada.

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