

## Authors Reply

# *Panstrongylus herreri* and its ability to develop under fluctuating environmental conditions

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We appreciate the comments on the Letter to the Editor in the RSBMT regarding our study published in Rev Soc Bras Med Trop. 2017;50(1): 121-5. We also support and understand the importance of using the correct taxonomic status of each species, in this case, using *Panstrongylus lignarius* instead of *P. herreri*. However, it is important to mention that the taxonomic status of this species has been controversial. Some authors have cited this species as *P. herreri*<sup>(1-5)</sup>, while others have referred to this species as *P. lignarius*<sup>(6-10)</sup>. Therefore, there is a clear lack of consensus regarding this matter, which reinforces the significance of the question raised by the comments on our study.

Another interesting aspect posed by the comments refers to the total number of species of triatomines identified so far (152 species). Our group strongly supports the use of proper nomenclature and agrees with the current species delimitation. In this context, we believe that the use of the adverb *approximately*, which denotes that a quantity (number/time) is nearly accurate, to describe the number of species in our study should be avoided in future publications to prevent any misunderstandings.

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