

## Authors reply: defense of taxonomy, a Sisyphus task?

Mauricio Baum<sup>[1]</sup> and Edilene Alcântara de Castro<sup>[1]</sup>

[1]. Laboratório de Parasitologia Molecular, Setor de Ciências Biológicas, Departamento de Patologia Básica, Universidade Federal do Paraná, Curitiba, PR.

### Dear Editor:

We appreciate the contribution of Prof. Dr. Carlos Marcondes Brisola to the article entitled *Eclectic feeding behavior of Lutzomyia (Nyssomyia) intermedia (Diptera, Psychodidae, Phlebotominae) in the transmission area of American cutaneous leishmaniasis, State of Paraná, Brazil*<sup>1</sup>. In response to the questions raised by Prof. Carlos, we wish to emphasize that, although the authors<sup>1</sup> and other researchers<sup>2</sup> consider and know the importance of other taxonomic proposals published thus far, we chose to use the taxonomic key proposed by Young & Duncan<sup>3</sup> deeming it fit to be applicable to our research.

Further, we would like to mention that adopting the key by the above authors for reference did not demerit and/or disrespect the contributions by other authors<sup>4,5</sup>, since an author can adopt any approach for study depending on his/her needs.

Lastly, we believe that the Journal of the Brazilian Society of Tropical Medicine prioritizes professionalism concerning their publications, which includes a philosophy ruled by rectitude and democracy, seeking distinctness on the knowledge of disclosure.

### CONFLICT OF INTEREST

The authors declare that there is no conflict of interest.

### REFERENCES

1. Baum M, Ribeiro MCVC, Lorosa ES, Damasio GAC, Castro EA. Eclectic feeding behavior of *Lutzomyia (Nyssomyia) intermedia* (Diptera: Psychodidae, Phlebotominae) in the transmission area of American cutaneous leishmaniasis, State of Paraná, Brazil. *Rev Soc Bras Med Trop* 2013; 46:560-565.
2. Silva ACD, Gomes ADC. Study of the vectorial competence of *Lutzomyia intermedia* (Lutz & Neiva, 1912) to *Leishmania (Viannia) braziliensis*, Vianna, 1911. *Rev Soc Bras Med Trop* 2001; 34:87-191.
3. Young DG, Duncan MA. Guide to the identification and geographic distribution of *Lutzomyia* sandflies in Mexico, the West Indies; Central and South America (Diptera: Psychodidae). *Memoirs of the American Entomology Institute*. Gainesville: Associated Publishers - American Entomological Institute; vol 54. 1994.
4. Marcondes CB. A redescription of *Lutzomyia (Nyssomyia) intermedia* (Lutz & Neiva, 1912), and resurrection of *L. neivai* (Pinto, 1926) (Diptera, Psychodidae, Phlebotominae). *Mem Inst Oswaldo Cruz* 1996; 91:457-462.
5. Andrade Filho JD, Galati EAB, Falcão AL. Redescription of *Nyssomyia intermedia* (Lutz & Neiva, 1912) and *Nyssomyia neivai* (Pinto, 1926) (Diptera: Psychodidae). *Mem Inst Oswaldo Cruz* 2003; 98:1059-1065.

**Address to:** Dr<sup>a</sup> Edilene Alcântara de Castro. Lab. de Parasitologia Molecular/ Dept<sup>o</sup> Patologia Básica/UFPR. Av. Cel. Francisco H. dos Santos s/n, Jardim das Américas, 81531-980 Curitiba, PR, Brasil.

**Phone:** 55 41 3361-1701

**e-mail:** ecastro@ufpr.br

**Received** 27 January 2014

**Accepted** 30 January 2014