

Editor-in-Chief

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Dear Editor,

We are pleased to submit an original research manuscript entitled “Chironomus larvae (Chironomidae: Diptera) as water quality indicator along an environmental gradient in neotropical urban stream” by Nadja Gomes Machado (Laboratório de Biologia da Conservação – LABIC, Instituto Federal de Mato Grosso – IFMT, Cuiabá, MT, Brazil), Danielle Christine Stenner Nassarden (Programa de Pós-graduação em Física Ambiental – PPGFA, Universidade Federal de Mato Grosso – UFMT, Cuiabá, MT, Brazil), Francyele dos Santos (Laboratório de Biologia da Conservação – LABIC, Instituto Federal de Mato Grosso – IFMT, Cuiabá, MT, Brazil), Isabelle Christina Gonçalves Boaventura (Laboratório de Biologia da Conservação – LABIC, Instituto Federal de Mato Grosso – IFMT, Cuiabá, MT, Brazil), Gregory Perrier (Campus Manassa, Northern Virginia Community College, Manassas, VA, USA), Fernanda Silveira Carvalho de Souza (Laboratório de Biologia da Conservação – LABIC, Instituto Federal de Mato Grosso – IFMT, Cuiabá, MT, Brazil), Eucarlos de Lima Martins (Laboratório de Biologia da Conservação – LABIC, Instituto Federal de Mato Grosso – IFMT, Cuiabá, MT, Brazil), and Marcelo Sacardi Biudes (Programa de Pós-graduação em Física Ambiental – PPGFA, Universidade Federal de Mato Grosso – UFMT, Cuiabá, MT, Brazil) for consideration for publication in the Revista Ambiente & Água - An Interdisciplinary Journal of Applied Science.

All coauthors agree with its publication and pay excess page fee charges if required. All authors had materially participated in the research and/or article. Authors don't have any competing financial interests that could compromise the integrity of the work.

As the corresponding author, I have read all submission instruction and I am responsible for the information inserted in the submission procedure. I assure that the contribution is original and unpublished, and it is not being evaluated for publication by other journal and that it will not be withdrawn from the editorial processes until final decision from the journal's administration.

In this manuscript, we showed changes in number of Chironomus individuals along a gradient of stream habitat and water quality, which means that the number of Chironomus individuals was higher in degraded sites with low quality water. Thus, the use of Chironomus as indicators greatly enhances states' ability to identify, and subsequently improve impaired water.

Thank you for your consideration!

Sincerely,

Nadja Gomes Machado

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