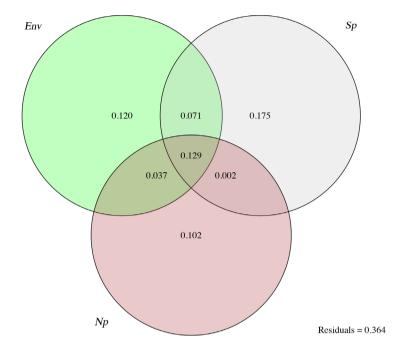
## SUPPLEMENTARY MATERIAL S3



**FIGURE S3** I Veen's Diagram showing individual adjusted  $R^2(Adj-R^2)$  of variables contributing to the fish beta diversity (response matrix D, resulting from log-transformed chord Euclidean distances in the presence-absence matrix) in six headwater creeks sampled bimonthly in the surroundings of the Muriaé Ornamental Aquaculture Center, Brazil. Anthropogenic (number of ponds = Np), environmental (Env), and spatial (Sp) variables were used as explanatory matrices.







This is an open access article under the terms of the Creative Commons Attribution License, which permits use, distribution and reproduction in any medium, provided the original work is properly cited.

Distributed under

© 2021 The Authors.

Diversity and Distributions Published by SBI



## **HOW TO CITE THIS ARTICLE**

• Magalhães ALB, Bezerra LAV, Daga VS, Pelicice FM, Vitule JRS, Brito MFG. Biotic differentiation in headwater creeks after the massive introduction of non-native freshwater aquarium fish in the Paraíba do Sul River basin, Brazil. Neotrop Ichthyol. 2021; 19(3):e200147. https://doi.org/10.1590/1982-0224-2020-0147