

## ***Interactive comment on* “Commercial traceability of *Arapaima* spp. fisheries in the Amazon Basin: can biogeochemical tags be useful?” by L. A. Pereira et al.**

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The authors revised the manuscript corrections and rectified the indication of pages and lines changed. Editions:

Page 2 line 10: replaced “certificate” with “characterize”; Page 4 line 3: replaced with: “The Amazon basin represents a dynamic and heterogeneous ecosystem extending over more the 45% of the surface area of South America.”; Page 4 line 12: replaced: “geologic” with “geological”; Page 4 line 6: replaced with “These habitats are therefore some of the most biodiverse in the world, particularly in regard to the Amazonian fresh-water fish fauna which are under pressure of degradation by dams, buildings, mining,

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land cover and global climate change” Page 8 line 9: replaced “Inter laboratorian” with “Inter-laboratory”; Page 8 line 21: replaced “repeatability” with “repeatability”; Page 9 Figure 2: replaced “ $^{87}/^{86}\text{Sr}$ ” with “ $^{87}\text{Sr}/^{86}\text{Sr}$ ” (numbers in superscript) and use this notation consistent throughout the entire document; Page 9 line 7: replace “The slice preparations were drilled per 6.8 mm interval” with “The slice preparations were drilled a 6.8 mm intervals”; Page 9 line 14: replaced “Also a test t was applied” with “A t-test was also applied” Page 10 Figure 4: replaced “ $^{87}/^{86}\text{Sr}$ ” with “ $^{87}\text{Sr}/^{86}\text{Sr}$ ” (numbers in superscript) and use this notation consistent throughout the entire document. Insert “ $^{87}\text{Sr}/^{86}\text{Sr}$ ” (numbers in superscript) for part (b) of the figure also; Page 11 line 8: replaced “interindividual” with “inter-individual”; Page 11 Figure 5: replaced “ $^{87}/^{86}\text{Sr}$ ” with “ $^{87}\text{Sr}/^{86}\text{Sr}$ ” (numbers in superscript) and use this notation consistent throughout the entire document. Insert “ $^{87}\text{Sr}/^{86}\text{Sr}$ ” (numbers in superscript) for Central Amazon part of the figure also; Page 12 Figure 6: replaced “ $^{87}\text{Sr}/^{86}\text{Sr}$ ” with “ $^{87}\text{Sr}/^{86}\text{Sr}$ ” (numbers in superscript); Page 13 line 16: replace “(sample origin in a row, predicted origin in the column)” with “(sample origin rows, predicted origin columns)”; Page 14 line 4: replace “(sample origin in a row, predicted origin in the column)” with “(sample origin rows, predicted origin columns)”; Page 14 line 18: meaning unclear, please re-write sentence: “The role of food is more controversial as revealed by Sturrock et al. (2012) that reviewed significant or nonsignificant food up taking processes on the Sr isotopic composition of fish.”; Page 15 line 21: please confirm: “black water” or backwater” and be consistent throughout document.; We thank the reviewer for the suggestions.

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