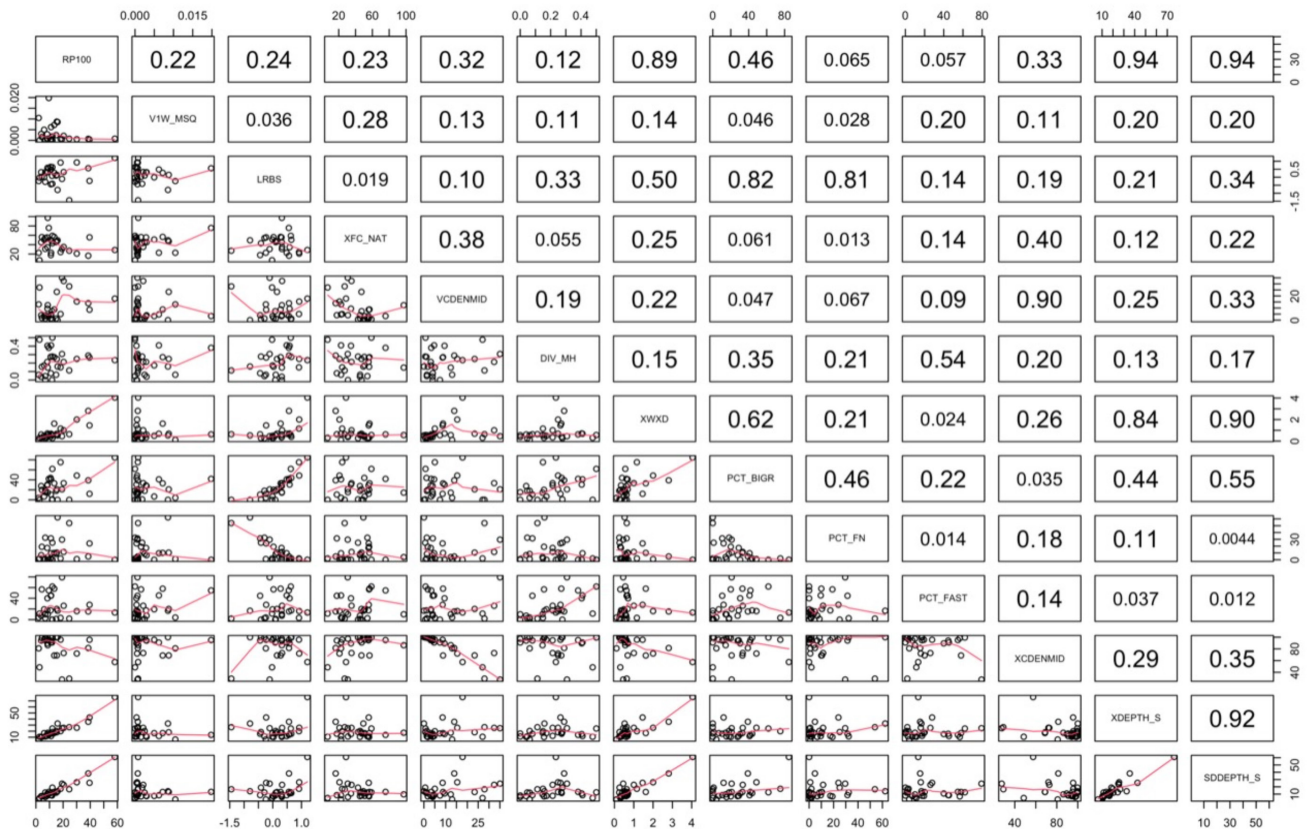## SUPPLEMENTARY MATERIAL S2

FIGURE S2 | Pearson's correlation panel with the physical-habitat metrics of sites from the Araguari River basin, Brazil. These 13 metrics were first selected based on our own knowledge and on the literature, which have shown they can both be affected by land use and affect stream fish assemblage structure. Given the high correlation (> 0.70) with other metrics, we excluded the following two variables from further analyses: mean (XDEPTH_S) and standard deviation (SDDEPTH_S) of stream depth. Although other pairs of variables also showed high correlation values (*e.g.*, RP100 *versus* XWXD), we kept both, because they were used in different models (*i.e.*, Structural Equation Models). See codes and ecological meaning for the 11 final metrics used to describe the physical habitat of streams in Tab. 1.

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HOW TO CITE THIS ARTICLE

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