



## Master thesis in Paleontology

## Fish Macroevolution

The Amazon basin hosts the most hyperdiverse freshwater fish fauna of the world – how did it evolve? To understand the origin and patterns of change of this fauna, origination and extinction in evolutionary time, fossils are paramount. We have many and diverse fossils from across sites in many countries that need to be described and placed in the large picture of evolutionary change in Amazonia. We use non-invasive imaging to document specimens and diverse comparative and phylogenetic methods in palaeobiology. This project offers the chance to address, with new materials and approaches, fundamental questions in evolutionary and palaeobiological research.

Contact & information:  
Marcelo R. Sánchez-Villagra:  
[m.sanchez@pim.uzh.ch](mailto:m.sanchez@pim.uzh.ch)  
[www.msanchezlab.net](http://www.msanchezlab.net)

