



Abundancia y diversidad de peces predadores en lagos de Várzea de la Amazonia Central. [

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Analítica

The fish diversity in Amazonian floodplain lakes is influenced by the high spatial heterogeneity and by interconnectedness between these lakes and the river channel, regulated by the hydrological cycle. Predation has proved to be a key factor in structuring the fish assemblages of the Neotropics. This study estimated the diversity and abundance of predator fish species in the floodplain lakes of the middle Solimões river, Central Amazon. Samples were did in August and May 2011, corresponding to the flooding and receding seasons respectively. The samples were did in three floodplain lakes: Padre (S0319'66,1/ W5993'14,8), Camaleão (S 0366'43,23; W6090'98,16) and Cacauzinho (S 0366'86,14; W 6087'11,98). Were employed monofilament gillnets attached in open water and flooded forest, which remain placed by 48 hours. Were caught 1813 predator fishes belonging 26 species, 11 families and 5 orders. Characiformes was the more abundant order, with the greatest number belonging to Characidae family. Pygocentrus nattereri (963 individuals) and Serrasalmus rhombeus (301 individuals) were the most abundant species. The dominance, equitability and diversity estimates to showed no differences between hydrological season and habitat type. Only richness was different between rising and receding waters seasons

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