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Dieta de *Astyanax asuncionensis* (Characiformes, Characidae), em riachos da bacia do rio  
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### Abstract

The goal of this study was to assess the diet of *A. asuncionensis* in four streams. Fish samples were carried out monthly from January to December 2003, using electrofishing. Stomach contents of 213 individuals were analyzed, and the diet was described as for occurrence and volumetric percentage of each item combined in a feeding index (IAi). The diet composition, importance of allochthonous and autochthonous resources, and diet breadth (Levin's index) were assessed among streams and between seasons (dry and rainy). The diet was composed of 22 feeding items; allochthonous resources (especially insects) dominated the diet in all streams and in both seasons. The highest values of diet breadth were recorded, in general, during the rainy period. These results showed that *A. asuncionensis* populations are supported by terrestrial food (especially Hymenoptera), indicating the importance of riparian vegetation. Considering that streams differ according to riparian vegetation cover, our results indicate that the maintenance of vegetation and recovery of degraded areas are essential for conservation of this fish species in these streams.

### Keywords

*Astyanax asuncionensis*, diet, diet breadth, Cuiabá river basin.

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