

## Actualisation des données sur l'écologie, la biogéographie et la phylogénie des Ampeliscidae (crustacés-amphipodes) Atlantiques après la révision des collections d'E. Chevreux



In the world, the Ampelisca genus is constituted by more than 140 species, which are found between 0 to 4000 m depth. Phylogeny, biology and ecology are the most important interest in this genus. The present analysis of new and older collections (E. Chevreux) have permitted to describe 11 new species. 41 species are listed in the north-eastern Atlantic fauna. These are different arguments to think that Ampelisca groups was actually in speciation. Two groups issued from a phenetic analysis are discriminated by their apomorphic levels. More than of the third are endemic species. 21 species are present only in one of the five biogeographic region. 23 species are limited to the continental shelf, 34 live up to the first 1000 meters and 4 are bathyal. 2 species are strictly distributed on hard-bottoms, 7 are found in muddy bottoms and the other have no typical soft-bottom distribution. The biology of the species is correlated with the latitude.

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