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## Effect of Heavy Metals on Survival of Crustaceans (a Review)

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### ABSTRACT

Paper deals with analysis of the heavy metals effect on survival of Crustaceans of various taxonomic groups. Median lethal concentrations of metals ( $LC_{50}$ ) were shown to be minimal for some species of family Mysidae and order Cladocera. Dependence of toxicoresistance on ontogenesis stage and other biological peculiarities of the test-objects and on abiotic environmental factors was shown. Series of decreasing toxicity of metals for marine and freshwater Crustaceans were presented. Metal pollution of the non-freezing water bodies in summer was shown to be of maximal hazard for Crustaceans.

**KEY WORDS:** [Crustaceans](#), [Mysidae](#), [heavy metals](#), [median lethal concentrations](#), [toxicity ranges](#), [abiotic factors](#)