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Test for Acute Toxicity of Copper, Cadmium, and Mercury in Five Marine Species

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Abstract: The acute toxicity of copper (Cu), cadmium (Cd), and mercury (Hg) to the marine invertebrates *Gammarus aequicauda*, *Corophium insidiosum*, *Idotea baltica*, *Sphaeroma serratum*, and *Mytilus galloprovincialis* were evaluated by static bioassays and calculation of the LC₅₀ (lethality concentration for 50%). Hg was more toxic to *Gammarus aequicauda*, *Corophium insidiosum*, *Idotea baltica*, *Sphaeroma serratum*, and *Mytilus galloprovincialis* than Cu and Cd. Cu was the least toxic of the metals tested.

Key Words: Heavy metal, amphipods, isopods, *Mytilus galloprovincialis* larvae, acute toxicity test

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