

**ACUTE TOXICITY OF TRIBUTYL TIN TO THE LARVAE OF
THAISBITUBERCULARIS (LAMARCK, 1822)**

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ABSTRACT

Larvae of the muricid *Thais bitubercularis* (Lamarck, 1822) reared from eggcapsules collected at Phuket Island, Thailand were exposed to different concentrations of tributyltin (TBT). Both mortality and swimming behaviour of the larvae were affected in a dose dependent manner after 24 hours exposure. The lowest-observed effect concentration (LOEC) was 0.01 $\mu\text{g TBT l}^{-1}$ and the LC_{50} was between 1 and 2 $\mu\text{g TBT l}^{-1}$ based on nominal concentrations. The short exposure period of 24 hours and relatively low LOEC suggest that recruitment may be reduced as a consequence of TBT contamination in harbour areas of Phuket Island.