

EFFECTS OF COPPER AND LEAD ON GROWTH, FEEDING AND MORTALITY OF TERRESTRIAL GASTROPOD *LIMICOLARIA FLAMMEA* (MULLER, 1774)

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Abstract

The effects of different concentration of copper and lead on feeding and growth response of Limicolaria flammea were studied. Low dose (1mg) of copper does not affect feeding activity in Limicolaria flammea whereas concentrations of 5mg and 6mg evoked a slow feeding rate. At low metal dosages there was no clear relationship between the deaths recorded in correlation with metal dosages, but at high Lead dosages there was a significant correlation between metal dosages, length of exposure and number of mortalities recorded (0.965; $p < 0.01$).