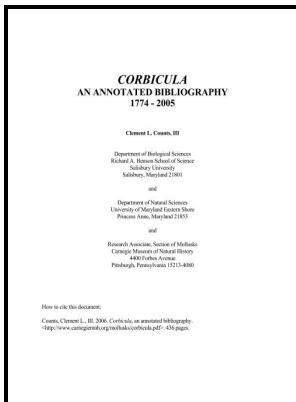


Accumulation and ultrastructural localisation of lead and cadmium in the cockle *Cerastoderma edule*.

University of Manchester - Retrospective environmental biomonitoring



Description: -

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Tags: #Effects #of #Environmental #Stress #on #Marine #Bivalve #Molluscs

Identification and Description of *Bucephalus minimus* (Digenea: Bucephalidae) Life Cycle in Portugal: Morphological, Histopathological, and Molecular Data

Effect of some insecticides on the periodic activity of the freshwater mussel *Anodonta cygnea*. An aqueous solution about 200 ml containing 500 µg cadmium as cadmium chloride was then added slowly, with swirling, to the sediment slurry in the flask. It would seem that lower concentrations of factors i.

Short

Field data are presented showing links between subcellular membrane disruption, increased tissue abnormalities and the consequences of this on reproductive ability. Conversely where crabs have high cadmium levels oysters contain significantly less of the metal than in polluted areas. Regulation and subcellular distribution of copper in the freshwater molluscs *Anodonta cygnea* and *Unio elongatus*.

Cloning and characterization of cDNA probes for the analysis of metallothionein gene expression in the Mediterranean bivalves: *Ruditapes decussatus* and *Cerastoderma glaucum*

Digestion with 10 ml of concentrated nitric acid followed by reduction of volume to 3 ml and then addition of double distilled water to 10 ml gave a suitable solution for analysis. Histological examination of *Mytilus edulis* reproductive state in conjunction with the neutral red lysosomal assay.

Retrospective environmental biomonitoring

Measurement of the responses of individuals to environmental stress and pollution.

Cloning, characterization and gene expression of a metallothionein isoform in the edible cockle *Cerastoderma edule* after cadmium or mercury exposure

Size frequency, distribution and colour variation of *Carcinus maenas* in Spiekeroog Backbarrier System. Journal of Zoology, 232, 397-407.
Indeed, until T 168 , no impact on mitochondrial genes was shown following Hg exposure, despite the complete lack of MT response.

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