

2. Environmental Protection Research Catalog, Part 1

The screenshot shows a Google Books search interface. The search query is "fish eggs and larvae thermal shock". The search results show one result from the book "Environmental Protection Research Catalog, Part 1". The search results are displayed on page 1-408. The search results include a snippet of text from the book, which discusses the effects of thermal shock on fish eggs and larvae. The snippet includes the following text:

temperature and photoperiod. For inshore marine species we plan to experiment with varying temperature and photoperiod to determine the precise rate of spawning advancement to be expected with exposure to artificially heated waters. In a graded series of temperatures we will determine the relation between development, survival and production of deformities in embryos of winter flounder, scup, tautog, and striped bass. A series of thermal shock experiments is planned for embryos held in salinities from 0.5 - 36 ppt. Experimental lots of larvae, acclimated at normal temperatures, will be exposed to a thermal shock. The behavior and subsequent development of larvae will be observed during a sufficiently long post-shock period to determine latent effects. The reproduction, survival and growth of minute forage organisms important to the diet of larval finfish will also be studied under different ambient temperatures.

Results: In early phases of the study relating thermal variations to development of marine fish eggs and larvae, eggs of scup, winter flounder and cod, subjected to temperature increases up to 8C for 1/2, 1-1/2, and 2 hour periods usually had a significant mortality prior to hatching. Part 2 of 3.

The snippet also includes a reference to a study by J.H. Gentile, U.S. Dept. of the Interior, Federal Water Quality Administration, West Kingston, Rhode Island 02892, titled "EFFECTS OF PETROLEUM AND PETROLEUM WASTES UPON IMPORTANT SPECIES OF ESTUARINE PHYTOPLANKTON AND ZOOPLANKTON".

The interface also shows a "Books" section on the left with a search bar, a "Go" button, and a "Write review" button. The top of the page shows the Google logo and the search bar. The bottom of the page shows the Windows taskbar with various application icons and the system clock showing 2:32 AM on 7/30/2015.