SCIENCE INFORMATION EXCHANGE
SMITHSONIAN INSTITUTION
1730 M STREET, N.W. PHONE 202 381-5511
WASHINGTON, D.C. 20036

ZOH-3413

NOTICE OF RESEARCH PROJECT

SUBMITTING AGENCY

INTERIOR DEPARTMENT
BUREAU OF SPORT FISH. & WLF.
FISHERY RESEARCH DIVISION

SUBMITTER'S NUMBER

FR 2209-9

TITLE OF PROJECT

TOXICITY OF POLYCHLOROBIPHENYL (PCB) COMPOUNDS TO FRESHWATER INVERTEBRATES (ABBREV.)

PRINCIPAL INVESTIGATOR, ASSOCIATES AND ORGANIZATIONAL SPECIALTY

HO SANDERS FISH PESTICIDE RES LAB

RECIPIENT INSTITUTION

U.S. DEPT. OF INTERIOR
BUR. OF SPORT FISH. & WILDLIFE
ROUTE #1
COLUMBIA, MISSOURI 65201

PERIOD FOR THIS WORK

7/70 TO 6/71
FY71 FUNDS $1,562

SUMMARY OF PROJECT

We plan to obtain acute and long-term toxicity estimates for a variety of PCBs, singly or in combination with various organochlorine insecticides in several species of aquatic invertebrates. Invertebrates and PCB compounds are to be tested in static and continuous-flow bioassay systems in the laboratory. We will derive TL sub 50 estimates at various time intervals under static and continuous-flow conditions varying temperature, water quality, and animal age.

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