SCIENCE INFORMATION EXCHANGE
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SIE I.D.
ZUH-3408

NOTICE OF RESEARCH PROJECT

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

AGENCY'S NUMBER(S):
FR 2209-9

TITLE OF PROJECT:
TOXICITY OF POLYCHLOROBIPHENYL (PCB) COMPOUNDS TO FRESHWATER INVERTEBRA- - TES (ABBREV.)

PRINCIPAL INVESTIGATOR, ASSOCIATES AND DEPARTMENT/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 NRP:
7/70 TO 6/71
FY71 FUNDS $3,562

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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