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Richard Lee Kroger
University of Wyoming
Project Number 132

The study which is being made possible by the National Park Service is the beginning of a long range project to determine the productivity of the Snake River and any possible effects that sustained water flow has on the river's production.

The present phase of the study is only concerned with bottom fauna. An attempt is being made to collect and identify all bottom organisms and determine their life histories.

While at the Research Station a total of 255 sweeping, cruising and two-square-foot bottom samples were taken and preserved for later identification. Also, 20 different algae collections, 60 emergence trap contents and 50 fish stomachs were collected.

Six emergence traps and one drift net were constructed and placed on the Snake River. These traps proved quite valuable for determining the dates the insects emerged. Also, about 20 different genera of insects were identified in the laboratory while at the Station.

Supported by grant from National Park Service.