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Land and Freshwater Mollusks of Jackson Hole

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Project Number 72

Growth rate measurements of the mollusca in five ponds, namely, Colter Bay, Signal Mountain, Jackson Dam, and Pacific Creek #1 and #2, were carried on during June and August of 1961.

The movement of marked freshwater snails in plots along the Snake River was observed. Terrestrial snails were similarly marked and observed in plots in an aspen grove at Moran Jct. The rate of travel was timed for various species.

Two species new to Wyoming and five species new to Teton County were collected.

Ecology of Swan Lake and Third Creek

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Project Numbers 75 and 108

Studies were continued on a restricted basis on the ecology of both Swan Lake and the Third Creek beaver ponds. Data of importance for comparison with previous seasons was collected. Both of these are long-term studies.

In connection with the age-growth and population density study being carried out on Third Creek (see Enderson's report), approximately 930 fish were placed in each of three Stations (I, IV, and V). These fish ranged in size from one half to one and one half inches. These fish will be sampled at periodic intervals during the summer of 1962 to determine growth rates under varying temperature and food conditions which exist at the three Stations under study.

Also an attempt was made to obtain a creel census on fishing in the Third Creek area. The results of this census were very meager and completely unreliable and consequently are not usable in this study.

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