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Sagebrush-Grass Competition  
Dr. Alan Beetle  
University of Wyoming  
Project Number 64

Approximately three weeks were spent at the Station and in the vicinity. During the second year of this work an attempt was made to define the sagebrush communities in terms of specific identity of the sagebrush dominants, and their site preferences. It was found that Artemisia cana, A. tripartita, and A. arbuscula occupy distinct sites and at present are specifically segregated from A. tridentata. A. tridentata exhibits the greatest morphological variation and areas which it occupies will have to be subdivided in many different sites defined on some other basis than the presence of big sagebrush.

Land and Freshwater Molluscs of Jackson Hole  
Mrs. Dorothy Beetle  
University of Wyoming  
Project Number 72

Collections of terrestrial and freshwater mollusca were made at 15 localities in the Grand Teton National Park during a six day period. The material is still being identified but to date 13 new records have been established for the county. One species not previously reported south of Canada has been found at Jackson Lake.