

productive throughout the year and of the volume to support damp swales to open valley to the south. The spring WNW of the homestead has been tapped for water supply. I would estimate the flow of water from these springs now is 1 qt ^{gallon} per 60 seconds. Beyond the masses of trees around the spring is dry, rocky soils; with a considerable exposure of solid granite surfaces and exposed granite rocks and cliffs. Except for *Pinus flexilis* or limber pine, ^{on} the ^{rocky} hillside N & E, the hillside are treeless. These springs could extend water to the Little Medicine Bow River under spring removal. There are some erosional channels following old roads but in the main erosion is minimal. Below the amphitheater in valley is a green meadow of grass that is fed by its own springs. It is enclosed partly by a fence. It is in this general area where most of the antelope stay during the day at least (up to 64 at one time today).

After short reconnaissance of area returned to trailer.

Burnett Homestead, 42° 25' 10" lat., 105° 59' 39" long., 7610 ft.,
Albany Co., Wyoming.

July 28, 1979

We plan to go to Casper this afternoon for a few days and then will return and trap the springs and general area. This A.M. observed the following birds in the general area around the Homestead. The fence posts around the barn produced records of birds that generally are difficult to see among sagebrush. In the early morning after sunrise they come to these ^{posts} fence posts and rails of the ^{corral} corral to sun and preen feathers, and are not at all disturbed by man's presence. Birds are: green-tailed towhee, among sagebrush & trees; red-shafted flicker, around buildings and among trees; house wren, among trees; robin, mainly around spring areas & trees; cliff swallow, 15-20 active at nests at S end of Homestead building under the eaves; Townsend warbler, among aspens; warbling vireo, among trees; magpie, nests only in trees; pine siskin, trees and around house; chipping sparrow, around buildings and in sagebrush; Brewer's sparrow, sagebrush and on corral posts; bluebird, general area, trees & buildings; western phoebe, buildings, nested in school house at homestead and several ^{red} nests in other buildings; lark sparrow, sagebrush & corral; sagehen ♀ and young; meadowlark, swales; mourning dove, general area; ^{im} vesper sparrow, sage, swales & corral, may be questionable identification. Of the mammals: