300 feet from the area where Crotalus was collected found a Dipodomy community on low flat pass. The 2½' high artemisia covered hillside.
5:00 Collected Phrynosoma douglassi ornatum. Here the Artemesia was short and considerable more dry cheat grass and chrysothamnus was present. Probably a coincident but the Crotalus was associated with Dipodomys while the Phrynosoma with the insect supporting chrysothamnus.
5:40. Revisited the Bonneville slide and picked up mephitis. Little activity here now. Attempted to explain the factors responsible for the ranker growth of vegetation around rock slide. Would it be possible that there could be a spring; or is it due to the fact that the neotoma, Eutamias and others had brought in the seeds or is it soil conditions or just what is it. Harry compared it with the principle used in dry desert area where the warm, hot air is circulated among cooled chambers made of thick stone walls. When the hot air comes in contact with cold air there occurs a condensation upon the walls to the extent that water ~~drops~~ are formed. Have wondered whether it could be compared to an ant hill where one finds higher plants on perepherial edges. From here was just a short ways down over the Provo & Stansbury levels to car at farm house. The profiles of both the Provo and Stansbury levels are excellently preserved toward the north end and on east side of the promontory. This north end of West Mountain would be an excellent place to study the old lake levels because aside from the main Bonneville, Provo and Stansbury level are many intermediate one that appear to have been important stages in the receeding of the original lake. Arrived at car and soon had mammals on ice and headed homeward.
<u>Suggestion</u>: Take alimentary canal and larger organs from mammal in field because regardless of their contact with ice in ice box, will develop gangrene condition and start hair slipping if not deintraled. The 30 lbs of ice last 3½ days and if mammals are properly taken care of will can be maintained for several days before mounting. While this is not a good practice, is important when one can only be in field one or two days a week, whereas in cold storage one can prepare them in the evenings and whenever time will permit. Plan some day to throughly collect in hot spring at Lincoln Beach. Several dytiscids were observed in warm water when we were camped there last night. The next trip will be from west side, over mt. to east side at the southern end of West Mt. From top could see grove of maple to south and suspect a spring or damp area associated with it. A good trail leads to it from the east.