


continued to Cedar Valley via 73. Most of this valley now in wheat. No birds except occasional horned lark and no mammals. I always remember this valley as full of *Spermophilus armatus* and <sup>many</sup> hawks, prairie falcons, raven, etc. Thru valley to 5 mile Pass only 1 marsh hawk and 14 horned larks. From here can see nothing but air pollution from Salt Lake and Garfield Refinery Co. at N end Ophir range. Pollution so bad one could not see the mountains across valleys. Continued N on 36 to Tooele, thence 112 to 80 Interstate. Could not photograph Mary's research area NE of Tooele where she spent the summer with Vickie Schurer of 1227 Fenway Ave, Salt Lake City, Utah 84102 (801) 582-5840. Vicki was working on her Ph D on structure of the Ophir Range N of Bingham. Prior to Mary's work here she visited House Range west of Hecla Utah and collected trilobites. June 6-8. It too a broad valley (Rush and Skull) to get rid of the Salt Lake Valley pollution. Continued on 80 to Wendover arriving there at mileage 73115 at 4:00 P.M. No birds observed across the Salt Lake Desert. In the Elko Valley in Nevada the air is clear with greasewood in flat valley, sagebrush on mt slopes and upper valley slope and is approx. 1 foot high. Mountains in this area are not as high as those to E, and pygmy forests of juniper and pinyon to top of mountains. Just before divide to NW evidence of fire scar on mts. to top of ridge. In retrospect noted a jackrabbit road kill in salt flats E of Wendover where the only possible refugia would be vegetation along the railroad that runs across these extensive salt flats. Noted several places where *Artemisia tridentata* has grown over old roadbed and except for structural difference in the topography, the sagebrush is indistinguishable from the areas beyond the roadbed. These mountains are rounded and not sharp like mountains nearer the Wasatch Range and to that extent are older. At 73147 Oasis, 3 raven. Pine (Ponderosa) mixed with juniper and pinyon. No cattle or sheep grazing. 73158 valley to S without man made structures or roads. Not many of these places left. many whirlwinds. Pygmy forests on mts and end abruptly at bare  Only 1 horned lark across valley. 73165 to <sup>right</sup> fire scars to left none and solid timber. *Chrysothamnus* along road bed. 73166 Moor turnoff. Beyond Wells <sup>on mt.</sup> can see one patch of snow about 200' across and only snow on range. 73174 Wells at 5:30 P.M. now N on 93. at 73179.1 8 Brewer blackbirds and 1 mourning dove and first birds observed since the single horned lark noted previously. 73180.6 raven. This valley with typical sage brush two to three feet high. 73184.6 raven. 73193.3 raven. 73193.4 raven. 73193.6 H.D. Summit, 6274 elevation.