

988.3 Citellus. and one a road kill. Have seen several flocks of prairie jays in area and seem to be out of their habitat, 003.6 mule deer road kill. 007.4 3 Citellus feeding along side of road (3' away). Others have been observed. 019.3 Yellowstone River at Livingston. 056.3 Entire valley of grayish-black cobbles. 061.5 Gallatin River 1/4 full. mourning doves and Brewer blackbird most common birds along way. 070.1 turkey vulture. 075.2 Madison River near Three Forks. 076.6 Jefferson River. 82.3 Jefferson County. 83.6 24 cattle around power pole, three turkey vultures on cross bar directly above them. ~~097.4~~ 115.2 good solid granite in position. 121.5 continental divide, 2 raven. and first raven seen on entire trip. Localized ^{pollution and} heavy haze over Butte. 139.5 young junipers sprouting up on all the hills which are tall and thin and not like the junipers I have seen elsewhere. There is a polluting mill west of here. all valley made up of grayish black pebbles. 166.3 saline pond with greatest concentration of ducks seen so far on trip. 239.6 have seen only 7 crows since entering Montana. 278.3 porcupine road kill. 326.5 Tamiasciurus. 360.5 Idaho at 7:08 P.M (Pacific time). 639.3.7 Swimming Hole, Pinehurst Creek at about ~~8:00~~^{8:30} P.M for camp. This is on a road that leads up a creek to S from Pinehurst and we camped along the side of a swimming hole made in creek bottom with diving rocks on W side.

S of Pinehurst, Idaho

Aug. 6, 1979

Left at mileage 6393.7 Continued W to Spokane and then to Seattle, all on 80. 521.4 all wheat has been cut in the Columbia basin and some fields have been plowed. no recent mammal digging in fields. 531.5 whirlwind of unusual configuration. It was long and narrow (350' high and same diameter from base ^{to} and all along its full length to top of funnel. } most of them are wide at bottom and then narrow upwards, nor do they seldom reach 350' in height. } It was formed from sand and wheat debris. 537.3 marsh hawk. Some digging along road right-of-way. This entire area from Spokane on is clouded with sand and wheat debris from harvesting. One cannot see the distant ridges or knolls because of this air contamination. It is a sandy-blue atmosphere