

6 golden eye ducks. Canada jay & bison. 111.9 2 Canada jays just beyond forest insect infestation. dead tree break off from 1/2 way up to 3/4 way as if weakened by insects.

112.3 photo 831029-3 <sup>to 12</sup> showing extensive slope of yellow grass and a bison trail leading from valley to top of mt. Old erosion gully may have been created by bison in the past. Bison trail meanders.

2 Clark's Crow flew by. wherever we have stopped there have been bison tracks along side of road. 113.4 2 bison in trees. In some grass-sedge meadow, the dominant color is brownish-yellow. but bordering creek channel the color is green



115.1 dry lake to left and has been 6' deep. 115.8 passing Blacktail <sup>plateau</sup> drive. Raven. 116.7 3 antelope. 119.0 large lake and marshland to right but no ducks.


up to now we have seen only 2 bison droppings on road. As we near Mammoth, juniper trees increase in size and number. 123.8 middle high bridge over Gardner River 124.9 Mammoth Springs. 125.1 Church at Mammoth.

on lawn under trees just n. of church were 48 elk, all ♀. Informant says <sup>winter</sup> 1981-1982 deep snow & cold temp. killed great numbers elk and some bison. <sup>all junipers are</sup> high-lined at Mammoth. 126.1 photo 831029-4 of <sup>30 graduated pools in a spring area</sup> hot spring of varied colored travertine set between conifers. 2 magpies.

Informant says it has been a peculiar year for animals: male elk are still high in mts because of moderate weather. 127.3 photo 831029-5 of bright travertine of varied colors, blue water above in same spring as above.

831029-5a same spring as above About 150 SW of spring two photos 831029-6 and 831029-7 of mule deer. There were 2 juveniles and 2 does, <sup>favor</sup> 128.0 now back from <sup>loop trip</sup> part of. 129.1 lake to left, no ducks, red squirrel road kill at 130.2. 130.9 Swan Lake Flat, no ducks. Meadow lusciant and beautiful color of yellowish-brown.

134.5 Canada jay. 135.8 broad meadow with 80% willow, rest meadow grass. Good area for moose but no moose in area. 139.5 big lake to right, 25 mallards. 142.3 Roaring mt. Raven, 2 Canada jays. No ducks or geese in Twin lakes. 144.6 Nymph Lake, no ducks, Eutamias road kill. 146.5 Gibbon River. 147.3 now E. to Canyon.

Lodgepole pine  contradicting all life forms of the species. 149.0 now on loop trip 158.4 conifer forests encroaching on meadows with many 1/2 to 3' lodgepole pine. 2 hove