
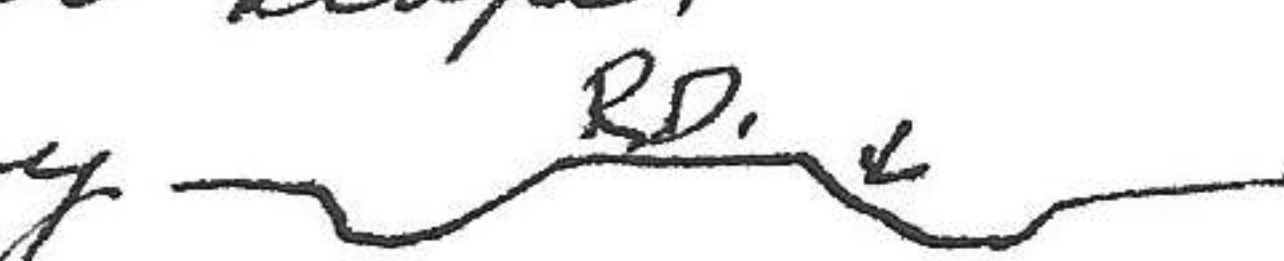



in solid stands of conifers are in brilliant color 592.2 raven. 593.5 raven. Gravel of river bottom white. Good terrace on east side, as is the one we are on. Terraces are good when found but seldom continuous. These lower terraces are the winter grounds of elk. At Palisade picnic grounds first black-billed magpie. 7 mallards on pond n of picnic area. At overflow area (NP), 98 per cent aspen leafless, 2 per cent in color. 598.8 Snaring River. Good <sup>active</sup> sand dunes to n e of mouth of river. a raven and <sup>6.5</sup> magpie at dunes. Average lean of black spruce to down canyon from prevailing western winds. 600.9 Crossing Athabasca River, on E side is a good face of glaciated rock. River along side of face has not eroded original face. 6 mallards in lake to left. One group of 13 male and 31 females in one feeding group. Another group of 13 males and 21 females. Also 7 pintails. Lake impounded by road is crystal clear and deep green whereas main river to n of road is blue. Some isolated aspen as yellow as climax conditions. Willows nearer green than yellow. Kinnikinnick associated with willows. 602.1 red-breasted merganser sleeping on water. Athabasca River, broad at this point and is rather a lake of shallow water with 80% lake bed exposed. Entire lake bed above water is damp. 605.4 beginning of <sup>continuous</sup> sand dunes on S side of lake. There are also dunes on n side of lake. Aspen in conifers on sidehill a brilliant yellow others 50% in color. 606.0 sand dunes continue. 8 mallards and 2 ♀ Barrow goldeneyes, 2 more Barrow's golden-eye ducks beyond. Sand dunes in 3-6 consecutive rows all trending down canyon and paralleling old lake. 608.1 beaver house at outer edge of rushes  and winter supply of branches 15' away. Have seen others in this lake (Talbot Lake). Hillsides on lower Miette Range are dry and vegetation looks dry and poorly developed. The vegetation alludes to dry conditions in general in the park. 610.0 Rocky River. <sup>Individual</sup> Aspen in conifers on sidehill a brilliant yellow and extend 1/2 way up lower slope. 612.1 8 mountain sheep on edge of road. Right of way  4 ♀ and 3 young and one young male. Three photos of these sheep nos 831009-1, 831009-2 and 831009-3. 612.4 Suet Lick turnout. The tracks of mt. sheep 80% and mt. goat 20%. Hooves (total length minus dew claws) measured 80x40, 72x60, 60x40, 55x40. measured one track mt. goat as 75x50. A suet lick 1/10 mile beyond measured . med taste of suet from this white material.