

Ponderosa pine at mileage 66000.0 now down in
 Artemisia, Crocodylus. Arrived Princeton 66031 at 11:20 A.M.
 Country open valley, ponderosa and Artemisia. Between
 Hedley and Kereneas Cottonwood from full to 90% green.
 Northern flicker. 66086 first black-billed magpie. 66090.0
 Off highway 3 to secondary road leading to Nighthawk, U.S.
 45 highway 66092.0, blue bird, 66148 Omak, black-billed
 magpie, pheasant (ring-necked) at 66176.8 at bridge where
 Okanogan enters Columbia River, 4:25 P.M. Arrived Alta Lake
 State Park at mileage 66193.0. Ranger said rock squirrels
 are absent in summer but in autumn they come into the
 park from rocky hillsides above the park. Ponderosa pine
 are dying from a fungus and while some recover, most of them
 die completely or the tops only. As all buds have been record-
 ed, it is interesting to note that no ducks were observed in Canada
 and none in U.S. up to point where Okanogan enters Columbia River.

Alta Lake State Park, Okanogan Co., Washington
 Oct. 15, 1989

Temp. 32°F this A.M.

Birds and mammals in park: Rock squirrel, 4 mallards,
 1 Steller's Jay, Calif. gull?, 1 Eutamias minimus, 1 ring-billed
 gull, black-billed magpie.

measured fresh deer tracks on sidehill (200' up slope)

from park:	track	length
4	sets	54 mm
2	"	58
2	"	60
5	"	69
4	"	73
5	"	75
2	"	78

also coyote tracks associated
 with deer tracks.

10 ponderosa trees dead and
 associated with camp grounds.
 Old dead trees, cut down, through-
 out camp. Ponderosa trees can
 be either completely dead or just
 tops dead. The ranger manage-
 ment is to cut them down as
 they die and plant new ones.
 my idea is to leave dead trees
 as they stand and do not replant,
 destruction of understory, especially
 around bases of mature trees and

complete ground disturbance by sites and roads has caused the
 dying of trees. The needles of conifers, practically (95%) are
 ponderosa. The wind blowing off of Lake has produced
 a redistribution of these needles because of bare ground
 surfaced caused by camp sites and daily use of the park,