

410324-25 when I first observed them and lit in top of a Conifer tree. They re-  
main here at rest for 2 minutes as if resting and then flew or dropped  
down to their nesting tree a few hundred feet <sup>down</sup> below. This was accomplished  
in four steps but very direct. At 10:06 they arrived at nesting tree and  
disclosed their nesting tree. At 10:06 1/2 A.M. they both left tree and each  
went about 100' away and returned to nest with nesting material, each  
placing material on nest or at least they both went into tree and then re-  
turned. At 10:07 A.M. they made another trip out and returned with nest  
material. At 10:08 A.M. At 10:09 they made another trip keeping mainly  
within a 200' radius. Their choice of <sup>fare for</sup> gathering material varied. At 10:12  
2 falcon passed. At 10:12 A.M. 3 red tail hawks appeared and 2 of them  
started to fight. The Clark Crow responded with calls but did not leave  
area. The fighting hawks were circling high and probably out of the im-  
mediate territorial zone of the Crow. A few minutes later the Crow  
ceased activity and I lost track of them. I think they remained,  
however in the same area around nest. The actions of these birds  
closely paralleled the actions of those birds observed on the 20th of  
month a few days ago. The falcon responsible for their concern was  
man in one case and bird invader in the other case, the end result was  
about the same. The last trip was of this nature: The two birds  
met me and called vociferously and then when I left and hid which  
was the same as being driven off in the case of the red-tail, they  
started in an ambitious way to build their nest. If this added  
impetus was continued for any length of time the nest would have  
been built in good shape but I hardly think that these birds work  
so assiduously at all times. The new stimulus of invader contact ap-  
pears to initiated that extra nesting building activity. I could help but  
think how closely the two occasions compared. There is just enough  
information recorded to allow one to speculate on their interesting be-  
havior. Do all occasions of aggression stimulate nest building or to  
what degree of interference is necessary to cause them to add another  
stick to the nest. The red tail caused more trip in being material  
to their nests than ~~the~~ my appearance. However their was relatively  
less activity or energy expended for my behalf as there was in the dur-  
ing and attacks upon the poor red-tail. Probably the amount of  
energy used or anger aroused is the determining factor in nest building.  
This mental (?) attitude of animals and birds should be considered in  
their ecological set-up. I'm wondering if the Clark Crow would ever  
complete their nest in normal time if they did not have a hawk, or  
predator to egg them on. This trip today was made to top of Y mt.  
by following from the platform above Eagle Pass up the S.W. ridge of the  
mountain with Utah Valley to the west and Slide Canyon to the east. Did  
not use snow shoes until near top but permanent snows before that point.  
At 11:00 a dusky grouse sail from top of Y mt over to Maple flat mt.  
Arrived on top at loge cliff at 2:00 P.M. Eagle on nest. It left and when I