

abrupt ending of this canyon. Most <sup>gullies have H<sub>2</sub>O</sup> 410603-77  
which are dry in summer time. The floor of these  
forests are beautifully dark green. Kinklet always  
associated with conifer stands. Heard many grouse but  
did not flush any. Dead magpie at divide. Butterflies  
and insects rare. At Pine flat again found Indian arrow  
head at spring also a deer at spring. Considerable timber  
being cleared at edge of forests at Pine Flat. Fence built  
last year.

6/6/41

Dr Beck and I made Rock Island Trip arriving at 6:45  
A.M. Leaving mouth Provo River observed 3 pers Purple  
Martin and several dozen N.V. green swallow. Cormorant  
flew out to meet boat and then flew back toward is-  
land, hence north again. Upon arrival at island found  
no copulating gulls. Caspian Tern starting 3rd colony  
this new colony is 100' S.E. of one used last year. The  
first colony started this year was completely abandoned. The  
second colony being depleted. The 3rd colony consists of  
12 single eggs, 8 sets of 2 eggs and 1 set of 3 eggs. Those collected  
today were from this colony. In general found the  
immature gulls capable of leaving the nest and forming  
groups. Some adults protecting 6 and 7 young. As one  
walks along can count a dead young bird about 1 every  
5 seconds. Many dead young with bleeding beaks and  
necks. The plot of 80 x 30 of last week count supported  
no living young or adults defending territories. Young  
feeds from open mouth of adult as food is regurgitated into  
the partially opened bill. Grew cherries and annelids  
main diet. Gull 2 and 3 days old find it difficult  
to swim. Anal temperatures of immature birds ranging  
from 91° F to 109° F. Immatures 2 weeks old about 105° F  
In general there appears to be greater unrest in colony.  
12 different groups of Great Blue Heron flying East to west