

again for second time.

- 7:01 Leaving quail behind, their scolding calls changing to one of normal call.
- 7:02 Red Tail screamed twice.
- 7:03 Spurred Towhee, quail and doves still calling.
- 7:04 Red Tail screamed from same perch.
- 7:05 " " " " " " twice.
- 7:06 " " " " " " " "
- 7:07 " " " " " " " "
- 7:07.5 Left perch and flew across canyon to investigate, screamed and then sailed back to perch.
- 7:08.5 Screamed again, and again.
- 7:09 Red Tail left tree perch, came across canyon screamed and then flew up canyon around cliff on left side of canyon and out of site.
- 7:11 Pheasants, quail, doves calling in usual frequency. Towhees every 4 seconds, quail every 5 seconds, pheasants every 10 seconds, mourning doves every 5 sec.
- 7:14 as I approached top of first set of cliffs on left side of canyon heard chipmunk calling
- 7:15 Arrived at first ledge. Red-tail came from somewhere, circled twice over head and ~~to~~ without calling flew to point of <sup>2<sup>nd</sup></sup> ledge ~~at~~ up canyon and screamed.
- 7:17 Two mourning doves left the 2<sup>nd</sup> set of prominent cliffs. The third set of cliff could be seen farther up canyon.
- 7:19 Red-tail soaring overhead occasionally calling
- 7:19 approx 80 northern veiled green swallows (?) flying in mass over canyon valleyward. Kept mass identity and circled higher and higher toward the south until lost from vision. Slight wind for first time. While setting on ledge a mourning dove lit 30' away on point, stayed about 1-minute then flew up canyon
- 7:22 Red tail lit on cliff face on second cliffs and screamed.
- 7:22 Second mourning dove lit on ledge where dove had just left. Hardly lit on point until off again. Red tail on nest on opposite side of canyon facing south. A lined area about 8x10 feet from nest to north had evidently been used as  $\sigma$  roost.
- 7:25  $\sigma$  Redtail still fussing & calling on second ridge.
- 7:26 R. Tail left second ridge, flew across canyon & lit in oak on top of nesting cliff, screamed.
- 7:27 R. Tail screamed from same perch above nest.
- 7:29 Two doves flew by nest of redtail.
- 7:30 Spurred Towhee, quail and pheasants still calling.
- 7:31 Sun just dropped behind Osage mts in distant horizon
- 7:32 Arrived on second set of cliffs
- 7:32 Red Tail still on old perch in oak above nesting ledge, calling
- 7:33 While sitting on second cliffs observed four deer feeding 100' above canyon floor on east hillside that was framed by the highest and most prominent cliffs to the north. Feeding on low shrubs, one pawed dirt but did not reach down with head to investigate. Had evidently been feeding in shadows before sun went down.
- 7:35 Moon (full) appeared interlucient on east ridge for first time
- Two towhees calling on east side of canyon. Slight wind from the west.
- 7:40 Pheasant, quail, and Towhees still calling.
- 7:40 Humming bird flew across canyon from N.E to S.E calling.
- 7:45 Skies in west horizon red and clouds stratified.
- 7:45 Stronger wind down canyon
- 7:45 Spurred Towhee, pheasant still calling, quail stopped calling
- 7:46 Four deer had moved up hillside 80'
- 7:47 Leaving ridge of canyon and turning left to gain flat portion of mountain side valley. Wind still blowing in canyon, Towhee singing in bottom.