

5:16 flicker calling, juncos singing, Harris sparrow singing,
 4 juncos, woodrats & nests common, 5:17 mockingbird;
 5:18 field sparrow singing; some cacti on top of ridge,
 robin; Harris sparrow & juncos singing; 5:20 8 juncos,
 1 red-bellied woodpecker at nesting hole; 18 juncos, many
 old dead trees down slope to E, downy woodpecker and
 8 Harris sparrows, 2 chickadees, the previous in one
 group; 2 blue jay, flicker calling; 5:23 fence line E-W
 separating partly cleared to all clear ridge land; 5 Harris
 sparrows, 3 cardinals; bail of fence wire on ridge
 shows higher grass & weeds where ungrazed; 5:25 6
 bob-whites 20 feet from timber at crest of ridge, good
 view of K.U campus + wakarusa valley, field sparrow
 singing, sky become hazy in last 2 hours, sun about
 1 hour from setting; flicker calling, cardinal singing;
 5:28 head of drainage above red barn; mourning dove in
 same area as this A.M. at 9:50; can see considerable swamp
 or wet marsh land below in valley; 5:30 rock fence
 that comes ^{20'} onto ridge from edge of ridge; red-bellied
 woodpecker; following fence line to N, 6 grouches
 flew from E to W; red-bellied woodpecker calling;
 5:32 titmouse calling. 5:33 red-bellied woodpecker
 calling; 5:35 cardinal, titmouse calling; cardinal,
 4 juncos, cardinal, 5:36 8 juncos, 2 chickadees, 2
 cardinals, 2 cardinals; titmouse; 10 juncos; in
 on brush pile on ridge noted 1 white crown sparrow,
 1 field sparrow, 2 juncos. The field sparrow has a
 light-delicate flight. It seems as if birds have
 congregated toward end of this ridge which ends
 abruptly. The end of ridge has two knolls, each covered
 with juniper trees. white crown sparrow here; 2 chickadees,
 8 bobwhites making considerable noise as they ran
 across dry leaves. These points may have been
 good observation points for Indians but no evidence
 found in way of artifacts. 5:40 mast NE point, cotton-
 rabbit here; E red bellied woodpecker; 5:45 descend-
 ing to car directly below, considerable green moss on
 this exposure, red-bellied woodpecker called; arrived
 car 5:47 P.M. Sun about 30 minutes from setting. A
 sparrow hawk & loggerhead shrike 100 feet E of the
 S end of proposed dam; end of complete census.