

Stayed in this Indian cave at a point where trail starts up out of wash on the south side. The cave showed signs of being inhabited at one time as evidenced by the cedar bark in one layer of the floor. At the west end an Neotoma had constructed a large house of dry sticks which solved our problem of dry wood. With a fire burning all night we fared very well except for the cacti needles that in some manner had penetrated our sleeping bags. <sup>6/29/38</sup> Next morning, having rained the greater part of the night we collected ourselves together and hit the trail for our steep *Q.* station on the Aquarius. Left camp at 6:50 A.M. Reached gate at 6:54 from where we could look back and see cave on north side of Indian Gulch just a short way down the canyon.

7:15. Reached the brink of Indian gulch making the return trip in 21 minutes where it took only 10 minutes on our descent trip. From here watch a rosen work itself out of canyon. It would fly back and forth along the canyon walls and when finally above the brink of the canyon flew to the north. To the north of here, across the canyon is a high sloping mountain covered with a dense growth of pinyon and juniper and about midsection of this mountain the mist clouds were situated. Above this point the mt. was in obscurity while below clear on several other peaks to the east the mist clouds were clothing the upper portions. This clouds were all moving in an easterly direction. No other bird except the raven observed on trail out of Indian Gulch. Saw one mammal however, a *Eutamias* called but did not act like *Hopi*. The ground was damp from last night's rains and hiking very pleasant.

7:23. Towhee (Spurred) calling

7:30 1st Cut trail in rocks. Heard two *Eutamias*. 5 min. stop.

mistake in juniper along side of trail. Douglas fir (?) among junipers and pinyon.

7:45 Arrived at Ponderosa flat and checked on life here for few minutes. Green-tailed towhee called from top of Ponderosa pine 60' high. Its normal habitat of manzanita and oak was directly beneath it. Before leaving this Ponderosa strip collected

(813J.B) *Setta pygmaea melanotis*. It was associated with another bird and had insects in its mouth. Called very loud for a bird of this size. A nutcracker was seen here and called in its sentinel like manner. Leaving the flat we proceeded up main trail which follows up grade on the north side of bench and finally comes out on top about mid-way. Beginning from flats heard Chipping Sparrow calling, Spurred Towhee singing, Chipping sparrow calling, Chipping Sparrow calling, 2 Spurred Towhee singing, *Eutamias* calling, one ran up side hill but stopping frequently. Can hear other birds but could not determine. Several deer tracks