

Moth Survey Results

Date: Oct. 11, 2013

Location: Red Fern Timber

Weather: 19:00, 70°, 0 wind, mostly cloudy.

21:15, 64°, 0 wind, partly cloudy.

Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

Comments

1. Moon at 1st quarter. Sunset 6:40 p.m.
2. Lights on at 7:00. Lights off at 9:15.
3. Used 80-watt fixture with battery packs.

Captures and Time

1. Small light moth at UV/fluor. light, env. A – 19:04
2. Small Idia moth at UV/fluor. light, env. B – 19:14
3. Smallish moth at UV/fluor. light, env. C – 19:17
4. Small Plume moth at UV/fluor. light, env. D – 19:37
5. Smallish moth at UV/fluor. light, env. E – 19:42
6. Smallish-medium **underwing** moth at UV/fluor. light, env. F – 19:44
7. Tiny moth at UV/fluor. light, env. G – 19:56
8. Tiny-small moth at UV/fluor. light, env. H – 20:08
9. Small moth at UV/fluor. light, env. I – 20:10
10. Tiny-small moth at UV/fluor. light, env. J – 20:38
11. Smallish moth at UV/fluor. light, env. K – 21:04
12. Tiny moth at UV/fluor. light, env. L – 21:10

When I turned off the lights, there were about 20 moths on the sheet. Four or five *scabras* came to the sheet along with a Chickweed Geometer. Rain started when I pulled into Zola's parking lot.

Small battery gave up after 23 minutes; large older battery gave up after 36 minutes.