

Moth Survey Results

Date: June 3, 2013

Location: Cedar Hills Sand Prairie

Weather: 20:50, 60°, 0-4 SE wind, mostly clear.

22:15, 57°, 0-5 SSE wind, mostly clear.

Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

Comments

1. Moon not in sky. Sunset 8:38 p.m.
2. Lights on at 8:52. Lights off at 10:21.
3. Used 80-watt UV/fluor. fixture w. battery packs.

Captures and Time

1. Small moth at UV/fluor. light, env. AA – 21:19
2. Small-smallish moth at UV/fluor. light, env. BB – 21:25
3. Tiny white moth at UV/fluor. light, env. CC – 21:28
4. Small moth at UV/fluor. light, env. DD – 21:30
5. Small moth at UV/fluor. light, env. EE – 21:40
6. Plume moth at UV/fluor. light, env. FF – 21:46
7. Smallish tiger moth at UV/fluor. light, env. GG – 21:47
8. Small-smallish tiger moth at UV/fluor. light, env. HH – 21:52
9. Tiny moth at UV/fluor. light, env. II – 22:03
10. Smallish moth at UV/fluor. light, env. JJ – 22:08
11. Smallish moth at UV/fluor. light, env. KK – 22:11

At 9:15 the first battery conked out (after 37 minutes); at 10:08 the large battery conked out (after 53 minutes); and at 10:21 the third (old) battery conked out (after 13 minutes). Got one *huge* water beetle for Doug.

When I turned out the light, there were 4 moths on the sheet. At times there were as many as 4 tiger moths on the sheet. Fifteen vehicles went up the road from 7:50 p.m. to 9:55 p.m. (luckily the wind was from the southeast, and the clouds of dust went west).