

## Moth Survey Results

**Date:** May 21, 2011

**Location:** Cedar Hills Sand Prairie

**Weather:** 20:50, 67°, 3-7 S wind, mostly clear.

22:25, 66°, 2-7 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 8:30 p.m.

2. Lights on at 8:55. Lights off at 10:25.

3. Used 80-watt UV/fluor. fixture w. battery packs.

### Captures and Time

1. Smallish tiger moth at UV/fluor. light, env. AAA – 21:09
2. Small dark moth at UV/fluor. light, env. BBB – 21:18
3. Abbott's sphinx moth at UV/fluor. light, env. CCC – 21:20
4. Smallish light moth at UV/fluor. light, env. DDD – 21:34
5. Smallish light moth at UV/fluor. light, env. EEE – 21:41
6. Smallish moth at UV/fluor. light, env. FFF – 21:47
7. Smallish moth at UV/fluor. light, env. GGG – 21:48
8. Tiny moth at UV/fluor. light, env. HHH – 21:49
9. Small moth at UV/fluor. light, env. III – 21:55
10. Medium-small light moth at UV/fluor. light, env. JJJ – 21:57
11. Tiger moth at UV/fluor. light, env. KKK – 22:10
12. Tiny moth at UV/fluor. light, env. LLL – 22:11
13. Smallish moth **on bumper of car**, env. MMM – 22:29

At 9:22 the yellow-tagged battery conked out (after 27 minutes). There were many small bugs on the sheet and flying in front of the sheet. When I turned out the light, there were roughly 10 moths on the sheet. At times there were as many as 10 tiger moths on the sheet. Seven vehicles went up the road while I was there.

From the site I could see a powerful thunderstorm far off in the SW, and all the way home lightning flashes were visible to the west. Ten minutes after I got home, lightning and rain hit Cedar Rapids.