

## Moth Survey Results

**Date:** July 30, 2011

**Location:** Cedar Hills Sand Prairie

**Weather:** 20:45, 76°, 0-1 S wind, clear.

22:35, 72°, 0-1 S wind, 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 8:31 p.m.

2. Lights on at 8:45. Lights off at 10:35.

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

### Captures and Time

1. Tiny moth at UV/fluor. light, env. A – 21:05
2. Tiny-small dark moth at UV/fluor. light, env. B – 21:09
3. Medium-small moth at UV/fluor. light, env. C – 21:13
4. Small black and white moth at UV/fluor. light, env. D – 21:17
5. Small moth at UV/fluor. light, env. E – 21:25
6. Small colorful moth at UV/fluor. light, env. F – 21:30
7. Smallish moth at UV/fluor. light, env. G – 21:36
8. Small tiger moth at UV/fluor. light, env. H – 21:41
9. Small moth at UV/fluor. light, env. I – 21:45
10. Small moth at UV/fluor. light, env. J – 21:48
11. Smallish sphinx moth at UV/fluor. light, env. K – 21:51
12. Smallish light moth at UV/fluor. light, env. L – 21:54
13. Small dark moth at UV/fluor. light, env. M – 21:57
14. Smallish gray moth at UV/fluor. light, env. N – 21:59
15. Tiny moth at UV/fluor. light, env. O – 22:03
16. Smallish moth at UV/fluor. light, env. P – 22:05
17. Smallish light moth at UV/fluor. light, env. HH [sic] – 22:08
18. Medium light moth at UV/fluor. light, env. II – 22:10
19. Medium moth at UV/fluor. light, env. JJ – 22:12
20. Smallish moth at UV/fluor. light, env. KK – 22:14
21. Medium light moth at UV/fluor. light, env. LL – 22:16
22. Smallish light moth at UV/fluor. light, env. MM – 22:18
23. Smallish moth at UV/fluor. light, env. NN – 22:20
24. Small moth at UV/fluor. light, env. OO – 22:23
25. Smallish moth at UV/fluor. light, env. PP – 22:26
26. Two black and white moths at UV/fluor. light, env. QQ – 22:29 (both in same envelope)
27. Two tiger moths at UV/fluor. light, env. RR – 22:32 (both in same envelope)

It seemed as if the number of moths coming in took a turn for the better near 10:00. There were hundreds of small bugs on the sheet, with many others flying in front of the sheet. When I turned out the light, there were 30+ moths on the sheet. At times there were as many as 10 tiger moths on the sheet. Four vehicles went up the road while I was there.