

## Moth Survey Results

**Date:** Oct. 09, 2010

**Location:** Cedar Hills Sand Prairie

**Weather:** 18:35, 63°, 0 wind, mostly clear.

20:40, 56°, 0-1 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 6:35 p.m.
2. Lights on at 7:09. Lights off at 8:40.
3. Used 80-watt UV/fluor. fixture w. battery packs.

### Captures and Time

1. Small moth at UV/fluor. light, env. A – 19:18
2. Smallish light moth at UV/fluor. light, env. B – 19:19
3. Smallish mottled moth at UV/fluor. light, env. C – 19:29
4. Smallish light moth at UV/fluor. light, env. D – 20:04
5. Smallish light moth at UV/fluor. light, env. E – 20:10
6. Tiny moth at UV/fluor. light, env. F – 20:12
7. Medium-small light moth at UV/fluor. light, env. G – 20:15
8. Medium-small moth at UV/fluor. light, env. H – 20:16
9. Smallish to medium-small moth at UV/fluor. light, env. I – 20:20
10. Medium-small dark moth at UV/fluor. light, env. J – 20:21
11. Smallish dark moth at UV/fluor. light, env. K – 20:33
12. Smallish light moth at UV/fluor. light, env. L – 20:36

At 7:39 the yellow-tagged battery conked out (after 30 minutes). When I turned out the light, there were only 3 moths on the sheet. Got a giant water beetle and a couple of tiny beetles for Doug. Some mosquitoes.

Was continually bothered by traffic on the road, stirring up lingering clouds of dust (particularly since we haven't had rain for nearly two weeks, and there was no wind); in all there were 23 vehicles going up or down the road from 6:09 p.m. until 8:40 p.m.