

## Moth Survey Results

**Date:** May 23, 2011

**Location:** Matsell Bridge Park

**Weather:** 20:50, 68°, 0 wind, partly clear.

22:25, 61°, 0 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 8:29 p.m.
2. Light on at 8:50. Lights off at 10:26
3. Used 80-watt fixture and battery packs

### Captures and Time

1. Plume moth at UV/fluor. light, env. A – 21:01
2. Small light moth at UV/fluor. light, env. B – 21:08
3. Small sphinx moth at UV/fluor. light, env. C – 21:12
4. Small light moth at UV/fluor. light, env. D – 21:16
5. Medium-small light moth at UV/fluor. light, env. E – 21:22
6. Smallish dark moth at UV/fluor. light, env. F – 21:33
7. Small dark moth at UV/fluor. light, env. G – 21:38
8. Tiny moth at UV/fluor. light, env. H – 21:41
9. Very small sphinx moth at UV/fluor. light, env. I – 21:44
10. Small moth at UV/fluor. light, env. J – 21:51
11. Small boldly patterned moth at UV/fluor. light, env. K – 21:52
12. Smallish moth at UV/fluor. light, env. L – 21:55
13. Medium-small moth at UV/fluor. light, env. M – 22:03
14. Small light moth at UV/fluor. light, env. N – 22:06
15. Smallish light gray moth at UV/fluor. light, env. O – 22:12
16. Small dark moth at UV/fluor. light, env. P – 22:16
17. Smallish dark moth at UV/fluor. light, env. Q – 22:17
18. Smallish light moth at UV/fluor. light, env. R – 22:22
19. Tiny bird-dropping moth at UV/fluor. light, env. S – 22:24
20. Small dark moth at UV/fluor. light, env. T – 22:25
21. Smallish moth at UV/fluor. light, env. U – 22:28

Got some beetles for Doug. At lights out, about 15 moths were on the sheet. First battery gave up at 9:15; second battery seemed to be giving out at 10:25.