

## Moth Survey Results

**Date:** Oct. 2, 2011

**Location:** Matsell Bridge Park

**Weather:** 19:00, 62°, 0 wind, clear.

21:00, 54°, 0 wind, clear.

### Circuits and Moths per Tree

20:15 – 20:26 See below

21:36 – 21:43 N/A

### Comments

1. Moon at 1<sup>st</sup> quarter. Sunset 6:45 p.m.
2. Light on at 7:05. Lights off at 8:55
3. Used 80-watt fixture and battery packs

### Captures and Time

1. Medium moth at UV/fluor. env. A – 19:13
2. Smallish moth at UV/fluor. light, env. B – 19:19
3. Small moth at UV/fluor. light, env. C – 19:25
4. Small green moth at UV/fluor. light, env. D – 19:28
5. Small dark moth at UV/fluor. light, env. E – 19:29
6. Tiny-small moth at UV/fluor. light, env. F – 19:30
7. Smallish dark moth at UV/fluor. light, env. G – 19:32
8. Small light moth at UV/fluor. light, env. H – 19:37
9. Small brown moth at UV/fluor. light, env. I – 19:39
10. Smallish moth at UV/fluor. light, env. J – 19:41
11. Smallish light moth at UV/fluor. light, env. K – 19:44
12. Smallish light moth at UV/fluor. light, env. L – 19:46
13. Small moth at UV/fluor. light, env. M – 19:54
14. Tiny moth at UV/fluor. light, env. N – 20:00
15. Small-smallish moth at UV/fluor. light, env. O – 20:06
16. Small boldly patterned moth at UV/fluor. light, env. P – 20:09
17. Very tiny white moth at UV/fluor. light, env. Q – 20:14
18. Tiny moth at UV/fluor. light, env. R – 20:15
19. Smallish moth at UV/fluor. light, env. S – 20:17
20. Smallish moth at UV/fluor. light, env. T – 20:18
21. Small white moth at UV/fluor. light, env. U – 20:20
22. Small oddly-shaped moth at UV/fluor. light, env. V – 20:21
23. Medium-large **underwing** moth at UV/fluor. light, env. W – 20:23
24. Smallish dark moth at UV/fluor. light, env. X – 20:25
25. Tiny moth at UV/fluor. light, env. Y – 20:30
26. Smallish dark moth at UV/fluor. light, env. Z – 20:32
27. Small gray moth at UV/fluor. light, env. AAA – 20:35
28. Tiny moth at UV/fluor. light, env. BBB – 20:37
29. Small-smallish gray moth at UV/fluor. light, env. KKK – 20:40

At lights out, about 17 moths were on the sheet. Older battery gave out after just 50 minutes of use.