

## Moth Survey Results

**Date:** Sept. 1, 2016

**Location:** Waubonsie State Park

**Weather:** 20:00, 68°, 0 wind, clear

22:40, 64°, 0 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
2. Lights on at 8:08. Lights off at 10:32.
3. Used 80-watt UV/fluor. light. Sunset 7:54 p.m.

### Captures and Time

1. Smallish moth at UV/fluor. light, env. A – 20:37
2. Buttercup moth at UV/fluor. light, env. B – 20:39
3. Medium moth at UV/fluor. light, env. C – 20:41
4. Small-smallish moth at UV/fluor. light, env. D – 20:46
5. Small moth at UV/fluor. light, env. E – 20:49
6. Smallish **underwing** moth at UV/fluor. light, env. F – 20:56
7. Medium moth at UV/fluor. light, env. G – 21:02
8. Buttercup moth at UV/fluor. light, env. H – 21:25
9. Smallish **underwing** moth at UV/fluor. light, env. I – 21:32
10. Small-smallish moth at UV/fluor. light, env. J – 21:38
11. Small-smallish moth at UV/fluor. light, env. K – 21:38
12. Smallish moth at UV/fluor. light, env. L – 21:47
13. Small moth at UV/fluor. light, env. M – 21:52
14. Smallish light moth at UV/fluor. light, env. N – 21:55
15. Smallish moth at UV/fluor. light, env. O – 22:04
16. Tiny moth at UV/fluor. light, env. P – 22:07
17. Small moth at UV/fluor. light, env. Q – 22:09
18. Small light moth at UV/fluor. light, env. R – 21:15
19. Small moth at UV/fluor. light, env. S – 21:16
20. Medium moth at UV/fluor. light, env. T – 21:24

Set up behind ranger's outbuildings at white garage door. At 10:30 there were 50+ moths at base of lights, on lights, and on garage door.

Saw several Orange Wing moths. Heard coyotes early in the session.