

Moth Survey Results

Date: Aug. 31, 2015

Location: Waubonsie State Park

Weather: 20:20, 75°, 0 wind, 90% clear

23:00, 73°, 0 wind, clear

Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

Comments

1. Moon several days past full; rose during session.
2. Lights on at 8:13. Lights off at 11:00.
3. Used 80-watt UV/fluor. light. Sunset 7:55 p.m.

Captures and Time

1. Tiny moth at UV/fluor. light, env. A – 20:29
2. Smallish moth at UV/fluor. light, env. B – 20:40
3. Smallish moth at UV/fluor. light, env. C – 20:46
4. Medium **underwing** moth at UV/fluor. light, env. D – 20:48
5. Smallish moth at UV/fluor. light, env. E – 20:51
6. Medium moth at UV/fluor. light, env. F – 20:52
7. Medium moth at UV/fluor. light, env. G – 20:56
8. Medium **underwing** moth at UV/fluor. light, env. H – 20:57
9. Smallish light moth at UV/fluor. light, env. I – 20:59
10. (Used this envelope to collect beetle)
11. (Used this envelope to collect beetle)
12. Small light moth at UV/fluor. light, env. L – 21:09
13. Small moth at UV/fluor. light, env. M – 21:11
14. Small moth at UV/fluor. light, env. N – 21:13
15. Medium **underwing** moth at UV/fluor. light, env. O – 21:15
16. Medium **underwing** moth at UV/fluor. light, env. P – 21:18
17. Medium-large moth at UV/fluor. light, env. Q – 21:19
18. Medium **underwing** moth at UV/fluor. light, env. R – 21:21
19. Small moth at UV/fluor. light, env. S – 21:24
20. Small moth at UV/fluor. light, env. T – 21:28
21. Smallish-medium white moth at UV/fluor. light, env. U – 21:29
22. (Used this envelope to collect beetle)
23. Small moth at UV/fluor. light, env. W – 21:0933
24. Small moth at UV/fluor. light, env. X – 21:34
25. Medium **underwing** moth at UV/fluor. light, env. Y – 21:35
26. Medium **underwing** moth at UV/fluor. light, env. Z – 21:37
27. Small moth at UV/fluor. light, env. AA – 21:40
28. Medium **underwing** moth at UV/fluor. light, env. BB – 21:44
29. Medium **underwing** moth at UV/fluor. light, env. CC – 21:47
30. Medium **underwing** moth at UV/fluor. light, env. DD – 21:49
31. Medium **underwing** moth at UV/fluor. light, env. EE – 21:50
32. Small black & white moth at UV/fluor. light, env. FF – 21:52
33. Small-smallish moth at UV/fluor. light, env. GG – 21:54
34. Smallish moth at UV/fluor. light, env. HH – 21:57
35. Small moth at UV/fluor. light, env. II – 22:00
36. Small-smallish moth at UV/fluor. light, env. J – 22:04
37. Smallish moth at UV/fluor. light, env. KK – 22:07
38. Small moth at UV/fluor. light, env. LL – 22:10
39. Medium-medium large **underwing** moth at UV/fluor. light, env. MM – 22:11
40. Small moth at UV/fluor. light, env. NN – 22:14
41. Small moth at UV/fluor. light, env. OO – 22:16
42. Medium moth at UV/fluor. light, env. PP – 22:18
43. Medium **underwing** moth at UV/fluor. light, env. QQ – 22:21
44. Small moth at UV/fluor. light, env. RR – 22:24

- 45. Small moth at UV/fluor. light, env. SS – 22:37
- 46. Small moth at UV/fluor. light, env. TT – 22:46
- 47. Medium **underwing** moth at UV/fluor. light, env. UU – 22:47
- 48. Small moth at UV/fluor. light, env. VV – 22:55

Set up behind ranger's outbuildings at white garage door. At 11:00 there were about 125+ moths – including **five underwings** – on the sheet and garage door. Also had at the sheet a Luna (at 8:54), scopula, limboundata, scabra, Orange Wing, and Chickweed Geometer. Got several beetles for Doug.