

Moth Survey Results

Date: April 18, 2012

Location: Minne Estema Park Benton Co.

Number of trees baited: 0

Weather: 20:20, 62°, 0-1 wind, mostly clear.

22:20, 56°, 0-1 wind, partly 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 7:52 p.m.

2. Light on at 8:19. Lights off at 10:21

3. Used 80-watt fixture and battery packs

Captures and Time

1. Small moth at UV/fluor. light, env. A – 20:29
2. Small light moth at UV/fluor. light, env. B – 20:33
3. Smallish moth at UV/fluor. light, env. C – 20:34 Same as F, discarded
4. Small-smallish mottled moth at UV/fluor. light, env. D – 20:36
5. Small moth at UV/fluor. light, env. E – 20:37
6. Small sphinx moth at UV/fluor. light, env. F – 20:39 2 moths in envelope
7. Small sphinx moth at UV/fluor. light, env. G – 20:41 Same as F, but worn; discarded
8. Smallish dark moth at UV/fluor. light, env. H – 20:43
9. Smallish moth at UV/fluor. light, env. I – 20:44 Destroyed while putting on boards
10. Small mottled moth at UV/fluor. light, env. J – 20:47
11. Smallish light moth at UV/fluor. light, env. K – 20:50
12. Small light moth at UV/fluor. light, env. L – 20:54
13. Smallish dark moth at UV/fluor. light, env. M – 20:55
14. Tiny moth at UV/fluor. light, env. N – 20:57
15. Smallish white moth at UV/fluor. light, env. O – 20:58
16. Small oddly shaped moth at UV/fluor. light, env. P – 21:00 2 moths in envelope
17. Smallish dark moth at UV/fluor. light, env. Q – 21:02
18. Honey Locust moth at UV/fluor. light, env. R – 21:03
19. Small moth at UV/fluor. light, env. S – 21:06
20. Smallish dark moth at UV/fluor. light, env. T – 21:10
21. Tiny-small orange & white moth at UV/fluor. light, env. U – 21:12
22. Tiny moth at UV/fluor. light, env. V – 21:18
23. 3-Spotted Philip moth at UV/fluor. light, env. W – 21:21
24. Small dark moth at UV/fluor. light, env. X – 21:24
25. Medium moth at UV/fluor. light, env. Y – 21:30
26. Smallish moth at UV/fluor. light, env. Z – 21:32
27. Medium moth at UV/fluor. light, env. AA – 21:35
28. Smallish dark moth at UV/fluor. light, env. BB – 21:38
29. Small dark moth at UV/fluor. light, env. CC – 21:40
30. Smallish dark moth at UV/fluor. light, env. DD – 21:41 2 moths in envelope
31. Small dark moth at UV/fluor. light, env. EE – 21:44
32. Smallish light moth at UV/fluor. light, env. FF – 21:51
33. Small Zale moth at UV/fluor. light, env. GG – 21:52
34. Medium moth at UV/fluor. light, env. HH – 21:58
35. Lunate Zale moth at UV/fluor. light, env. II – 22:00 150 moths on sheet at this time
36. Small oddly shaped moth at UV/fluor. light, env. JJ – 22:04
37. Smallish moth at UV/fluor. light, env. KK – 22:05
38. Smallish white moth at UV/fluor. light, env. LL – 22:09
39. Smallish-medium moth at UV/fluor. light, env. MM – 22:13 2 moths in envelope
40. Smallish dark moth at UV/fluor. light, env. NN – 22:15
41. Smallish dark moth at UV/fluor. light, env. OO – 22:17

Very few beetles came to the sheet. When I turned off the lights, about 150 moths were on the sheet.

