

Moth Survey Results

Date: June 18, 2012

Location: Rock Island Preserve

Number of trees baited: 15

Weather: 21:00, 80°, 0-1 winds, clear

22:40, 77°, 0-1 winds, clear

Circuits and Moths per Tree

20:15 – 20:26 See below

21:36 – 21:43 See below

Comments

1. Moon not in sky; set up in woods.

2. 80-watt UV/fluor. lights on at 9:10, off at 10:46.

3. Sunset 8:45. Used battery packs.

Captures and Time

1. Medium moth at UV/fluor. light, env. Y – 21:39
2. Tiny moth at UV/fluor. light, env. Z – 21:46
3. Tiny bird-dropping moth at UV/fluor. light, env. AA – 21:48
4. Small moth at UV/fluor. light, env. BB – 21:49
5. Smallish-medium moth at UV/fluor. light, env. CC – 21:50
6. Small moth at UV/fluor. light, env. DD – 21:53
7. Small moth at UV/fluor. light, env. EE – 21:55
8. Tiny moth at UV/fluor. light, env. FF – 21:56
9. Smallish light moth at UV/fluor. light, env. GG – 21:58
10. Small moth at UV/fluor. light, env. HH – 22:05
11. Medium moth at UV/fluor. light, env. II – 22:07
12. Medium light moth at UV/fluor. light, env. JJ – 22:09
13. Medium moth at UV/fluor. light, env. KK – 22:11
14. Three-spotted Philip moth at UV/fluor. light, env. LL – 22:15
15. Smallish moth at UV/fluor. light, env. MM – 22:17
16. Tiny green & white moth at UV/fluor. light, env. NN – 22:20
17. Small orange moth at UV/fluor. light, env. OO – 22:28
18. Tiny white with speckles moth at UV/fluor. light, env. PP – 22:30
19. Small moth at UV/fluor. light, env. QQ – 22:33
20. Giant Leopard moth at UV/fluor. light, env. RR – 22:35
21. Small-smallish dark moth at UV/fluor. light, env. SS – 22:39
22. Small-smallish gray moth at UV/fluor. light, env. TT – 22:40
23. Smallish moth at UV/fluor. light, env. UU – 22:42
24. Medium moth at UV/fluor. light, env. VV – 22:42
25. Medium underwing on baited tree, env. Y – 22:50

Collected some good beetles for Doug, including a huge stag beetle, several longhorn beetles, and a large mottled gray shield guy that impressed Doug.

When I left, 40+ moths were on the sheet. First battery pack (with cardboard on the side) failed after 54 minutes; second failed after 42 minutes.

Also on the sheet but not collected: Leconte's Haploa, Buttercup Moth, one 3-Spotted Phillip, several Banded Tussock moths. I made two rounds of the 15 trees, but found NO moths. Only at 10:50, when I was leaving, did I find a medium underwing on the tree at the top of the trail that leads into the woods. Only saw one sphinx moth on the bouncing bet – at 9:26 (I had been looking for some time before that).