

Moth Survey Results

Date: May 29, 2014

Location: Yellow River Forest

Number of trees baited: 0

Weather: 20:45, 69°, 0-1 mph wind, clear

23:45, 59°, 0 mph wind, clear

Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

Comments

1. No moon. Sunset 8:36 p.m.

2. Light on at 8:42. Light off at 11:45.

3. Used 80-watt fixture and 15-watt light

Captures and Time

1. Small moth at UV/fluor. light, env. AA – 21:10
2. Small moth at UV/fluor. light, env. BB – 21:19
3. Small dark moth at UV/fluor. light, env. CC – 21:26
4. Small **sphinx** moth at UV/fluor. light, env. DD – 21:31
5. Smallish moth at UV/fluor. light, env. EE – 21:32
6. Small green moth at UV/fluor. light, env. FF – 21:39
7. Smallish moth at UV/fluor. light, env. GG – 21:41
8. Smallish moth at UV/fluor. light, env. HH – 21:42
9. Small-smallish moth at UV/fluor. light, env. II – 21:43
10. Smallish-medium moth at UV/fluor. light, env. JJ – 21:48
11. Medium moth at UV/fluor. light, env. KK – 21:55
12. Smallish moth at UV/fluor. light, env. LL – 22:00
13. Small moth at UV/fluor. light, env. MM – 22:04
14. Lappet moth at UV/fluor. light, env. NN – 22:07
15. Smallish moth at UV/fluor. light, env. OO – 22:15
16. Small white moth at UV/fluor. light, env. PP – 22:17
17. Smallish moth at UV/fluor. light, env. QQ – 22:19
18. Tiny moth at UV/fluor. light, env. RR – 22:23
19. Small moth at UV/fluor. light, env. SS – 22:25
20. Smallish **sphinx** moth at UV/fluor. light, env. TT – 22:29
21. Small white moth at UV/fluor. light, env. UU – 22:34
22. Small-smallish moth at UV/fluor. light, env. VV – 22:36
23. Tiny-small black & white moth at UV/fluor. light, env. WW – 22:43
24. Small moth at UV/fluor. light, env. XX – 22:45
25. Smallish moth at UV/fluor. light, env. YY – 22:49
26. Medium moth at UV/fluor. light, env. ZZ – 22:50
27. Smallish moth at UV/fluor. light, env. AAA – 22:54
28. Small white moth at UV/fluor. light, env. BBB – 23:00
29. Smallish-medium light moth at UV/fluor. light, env. CCC – 23:03
30. Medium light moth at UV/fluor. light, env. DDD – 23:06
31. Small white moth at UV/fluor. light, env. EEE – 23:21
32. Small-smallish moth at UV/fluor. light, env. FFF – 23:28

I set up the sheet close to the HQ building, using the building's outside electrical outlet to plug in the 80-watt fixture. I ran the 15-watt fixture off of the small portable battery. A large male Luna came flying in at 11:43 p.m.; its condition was 1. When I turn off the lights there were 40+ moths on the sheet. Very few tiny moths tonight.

It's curious that the 15-watt bulb drew far more moths to that side of the sheet than did the 80-watt combination fixture on the other side.