

Moth Survey Results

Date: May 6, 2014

Location: Shimek Forest headquarters

Number of trees baited: 0

Weather: 20:15, 73°, 0-10 wind, mostly cloudy.

22:00, 69°, 0-7 wind, mostly clear

Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

Comments

1. Moon at 1st quarter. Sunset 8:07 p.m.

2. Lights on at 8:22. Lights off at 10:05

3. Used 80-watt UV/fluor. w. 3 battery packs

Captures and Time

1. Smallish light moth at UV/fluor. light, env. BB* -- 20:29
2. Small moth at UV/fluor. light, env. CC
3. Small dark moth at UV/fluor. light, env. DD
4. Small sphinx at UV/fluor. light, env. EE
5. Small moth at UV/fluor. light, env. FF
6. Smallish dark moth at UV/fluor. light, env. GG
7. Smallish dark moth at UV/fluor. light, env. HH – 20:57
8. Smallish dark moth at UV/fluor. light, env. II
9. Small moth at UV/fluor. light, env. JJ
10. Smallish dark moth at UV/fluor. light, env. KK
11. Smallish dark moth at UV/fluor. light, env. LL
12. Small moth at UV/fluor. light, env. MM
13. Small moth at UV/fluor. light, env. NN – 21:41
14. Small-smallish moth at UV/fluor. light, env. OO
15. Smallish-medium moth at UV/fluor. light, env. PP
16. Smallish light moth at UV/fluor. light, env. QQ
17. Small light moth at UV/fluor. light, env. RR
18. Small moth at UV/fluor. light, env. SS
19. Smallish moth at UV/fluor. light, env. TT

The smaller battery pack lasted 42 minutes; the newer large battery pack lasted 1 hour; the older large battery pack was unable to keep the fluorescent light from *constantly* flickering, so in essence I didn't use it.

When I turned off the light, 90-100 dozen moths were on the sheet. Moths at the sheet included several Orange Wings and several *Atteva aurea*. Some beetles, but they were all the usual suspects with no long-horned beetles.

* Envelope AA was already taken by a Lettered Sphinx I vouchered at Lindsay Wilderness earlier in the day.