

Moth Survey Results

Date: May 10, 2014

Location: Red Fern Timber

Number of trees baited: 0

Weather: 20:15, 65°, 0-3 wind, mostly cloudy.

22:30, 59°, 0-1 wind, mostly clear.

Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

Comments

1. Moon 3 days past 1st quarter. Sunset 8:22 p.m.
2. Light on at 8:25. Lights off at 10:30
3. Used 15-watt UV fixture with one battery pack.

Captures and Time

1. Smallish moth at UV light, env. A – 20:52
2. Smallish moth at UV light, env. B – 20:54
3. Smallish light moth at UV light, env. C – 21:01
4. Smallish moth at UV light, env. D – 21:03
5. Smallish moth at UV light, env. E – 21:11
6. Smallish moth at UV light, env. F – 21:16
7. Small moth at UV light, env. G – 21:17
8. Tiny moth at UV light, env. H – 21:19
9. Smallish moth at UV light, env. I – 21:21
10. Smallish moth at UV light, env. J – 21:26
11. Small moth at UV light, env. K – 21:32
12. Smallish moth at UV light, env. L – 21:34
13. Small moth at UV light, env. M – 21:44
14. Small-smallish moth at UV light, env. N – 21:46
15. Tiny-small moth at UV light, env. O – 21:47
16. Small-smallish moth at UV light, env. P – 21:50
17. Small moth at UV light, env. Q – 21:52
18. Tiny-small moth at UV light, env. R – 22:01
19. Small-smallish moth at UV light, env. S – 22:11

At light's out there were more than 25-30 moths on the sheet, including much duplication. At 9:42 p.m. a condition 1 male Polyphemus came to the sheet; at 9:59 p.m. a condition 1 male Luna came to the sheet; and at 10:16 p.m. a second condition 1- male Luna came to the sheet. All of these stayed until I turned off the light. I took one of the Lunas back to Zola's place to show it to Zola and Diane. Diane walked down to the side door with me so she could see it in flight when I released it.