

Moth Survey Results

Date: May 18, 2011

Location: Rolling Thunder Prairie

Number of trees baited: 0

Weather: 20:55, 57°, 0 wind, partly clear.

22:25, 56°, light E 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 8:30 p.m.

2. Light on at 8:55. Lights off at 10:25

3. Used 80-watt UV/fluor. fixture.

Captures and Time

1. Small moth at UV/fluor. light, env. A – 21:00
2. Smallish moth at UV/fluor. light, env. B – 21:09
3. Small moth at UV/fluor. light, env. C – 21:09
4. Tiny moth at UV/fluor. light, env. D – 21:11
5. Smallish moth at UV/fluor. light, env. E – 21:21
6. Small sphinx moth at UV/fluor. light, env. F – 21:25
7. Medium moth at UV/fluor. light, env. G – 21:29
8. Small sphinx moth at UV/fluor. light, env. H – 21:45
9. Small moth at UV/fluor. light, env. I – 21:46
10. Smallish moth at UV/fluor. light, env. J – 21:48
11. Smallish white moth at UV/fluor. light, env. K – 21:49
12. Tiny → small moth at UV/fluor. light, env. L – 21:52
13. Smallish moth at UV/fluor. light, env. M – 21:56
14. Medium-small sphinx moth at UV/fluor. light, env. N – 21:58
15. Small moth at UV/fluor. light, env. O – 22:12
16. Smallish moth at UV/fluor. light, env. P – 22:12
17. Small sphinx moth at UV/fluor. light, env. Q – 22:17

No beetles came to light. When I left, there were 8 moths on the sheet. A male Polyphemus, condition 1, came to the sheet at 10:24. First battery gave up at 9:23. Set up at sign in SE corner of site – but this location doesn't allow the light to carry very far since the ground slopes away after about 50 yards, and the first 30 yards of grass from the sign was mowed down.