

Moth Survey Results

Date: Aug. 19, 2011

Location: Cedar Hills Sand Prairie

Weather: 20:30, 73°, 0 wind, cloudy.

22:30, 66°, 0 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 8:03 p.m.

2. Lights on at 8:30. Lights off at 10:30.

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

Captures and Time

1. Small light moth at UV/fluor. light, env. A – 20:40
2. Small dark moth at UV/fluor. light, env. B – 20:51
3. Small dark moth at UV/fluor. light, env. C – 20:53
4. Small light moth at UV/fluor. light, env. D – 21:00
5. Smallish gray moth at UV/fluor. light, env. E – 21:10
6. Small moth at UV/fluor. light, env. F – 21:11
7. Small moth at UV/fluor. light, env. G – 21:19
8. Smallish moth at UV/fluor. light, env. H – 21:20
9. Smallish light moth at UV/fluor. light, env. I – 21:24
10. Small light moth at UV/fluor. light, env. J – 21:27
11. Medium-small moth at UV/fluor. light, env. K – 21:33
12. Small tiger moth at UV/fluor. light, env. L – 21:35
13. Small moth at UV/fluor. light, env. M – 21:41
14. Small moth at UV/fluor. light, env. N – 21:43
15. Small moth at UV/fluor. light, env. O – 21:44
16. Smallish moth at UV/fluor. light, env. P – 21:47
17. Smallish light moth at UV/fluor. light, env. Q – 21:50
18. Tiny light moth at UV/fluor. light, env. R – 21:51
19. Small light moth at UV/fluor. light, env. S – 22:00
20. Small tiger moth at UV/fluor. light, env. T – 22:08 [Two tiger moths in envelope]
21. Small moth at UV/fluor. light, env. U – 22:10
22. Tiny-small moth at UV/fluor. light, env. V – 22:12
23. Tiny-small moth at UV/fluor. light, env. W – 22:14
24. Tiny-small moth at UV/fluor. light, env. X – 22:17
25. Various moths at UV/fluor. light, env. Z – 22:20 [Several moths in envelope]

There were hundreds of small bugs on the sheet, with many others flying in front of the sheet. When I turned out the light, there were about 50 moths on the sheet. Eight vehicles went up the road while I was there.

This was the night I saw 7 orange-colored lights at 8:35 p.m. about 25 degrees up at an azimuth of about 45 degrees. The lights seemed to be moving slowly upward and to the south. I took two hand-held digital images before they disappeared about two minutes later. The lights were all of uniform brightness, and not fading, and made no sound.