

Moth Survey Results

Date: July 29, 2013

Location: Matsell Bridge Park

Weather: 20:30, 63°, 0 wind, 50% clear.

22:50, 61°, 0 wind, 50% 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 8:28 p.m.
2. Light on at 8:50. Lights off at 10:50
3. Used 80-watt fixture and 15-watt light

Captures and Time

1. Small moth at UV/fluor. light, env. A – 20:57
2. Small moth at UV/fluor. light, env. B – 21:02
3. Smallish moth at UV/fluor. light, env. C – 21:09
4. Small light moth at UV/fluor. light, env. D – 21:19
5. Smallish moth at UV/fluor. light, env. E – 21:33
6. Small dark moth at UV/fluor. light, env. F – 21:36
7. Small boldly marked moth at UV/fluor. light, env. G – 21:38
8. Small moth at UV/fluor. light, env. H – 21:45
9. Small moth at UV/fluor. light, env. I – 21:49
10. Small light moth at UV/fluor. light, env. J – 21:54
11. Small light moth at UV/fluor. light, env. K – 21:55
12. Tiny-small moth at UV/fluor. light, env. L – 21:58
13. Small moth at UV/fluor. light, env. M – 22:00
14. Smallish dark moth at UV/fluor. light, env. N – 22:07
15. Smallish gray moth at UV/fluor. light, env. O – 22:22 (was too damaged; discarded)
16. Small white moth at UV/fluor. light, env. P – 22:27
17. Small **sphinx** moth at UV/fluor. light, env. Q – 22:40

Note: I also collected 5 tiny moths that I dropped off at Jim's house on the way home.

At lights out, about 20 moths were on the sheet. Set up in the usual place where the horse trail is west of the river. The 80-watt fixture was on one side of the sheet, and the 15-watt fixture on the other.