

Moth Survey Results

Date: July 31, 2012

Location: Minne Estema Park Benton Co.

Weather: 20:45, 71°, 0-1 wind, clear.

22:45, 65°, 0-1 wind, 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 8:27 p.m.
2. Lights on at 8:52. Lights off at 10:49
3. Used 80-watt fixture and battery packs.

Captures and Time

1. Smallish light moth at UV/fluor. light, env. AA – 21:21
2. Smallish dark moth at UV/fluor. light, env. BB – 21:24
3. Small light moth at UV/fluor. light, env. CC – 21:29
4. Small **underwing** moth at UV/fluor. light, env. DD – 21:36
5. Small light moth at UV/fluor. light, env. EE – 21:39
6. Small Lithacodia moth at UV/fluor. light, env. FF – 21:41
7. Small moth at UV/fluor. light, env. GG – 21:44
8. Honey Locust moth at UV/fluor. light, env. HH – 21:46
9. Tiny-small moth at UV/fluor. light, env. II – 21:48
10. Smallish dark moth at UV/fluor. light, env. JJ – 21:50
11. Tiny-small dark moth at UV/fluor. light, env. KK – 21:54
12. Small light moth at UV/fluor. light, env. LL – 22:16
13. Tiny-small moth at UV/fluor. light, env. MM – 22:19
14. Small dark moth at UV/fluor. light, env. NN – 22:25
15. Pero moth at UV/fluor. light, env. OO – 22:28
16. Small moth at UV/fluor. light, env. PP – 22:38
17. Small light moth at UV/fluor. light, env. QQ – 22:39

Collected a couple of beetles at the sheet. When I quit, about 25 moths were on the sheet. Also on the sheet: Orange Wing and White-lined Sphinx.

Twice during the night I got to hear coyotes howling like banshees. **Note:** The two open corridors that the light fixture used to cast light down are now closing up, blocking the light rays. **Note:** The pole has live electricity – don't need to use battery packs, just bring one extension cord.