

Moth Survey Results

Date: Aug. 22, 2012

Location: Minne Estema Park Benton Co.

Weather: 20:00, 74°, 0-1 wind, mostly clear.

22:10, 69°, 0-3 wind, mostly clear.

Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

Comments

1. Moon 2 days before 1st quarter. Sunset 7:54 p.m.

2. Light on at 8:22. Lights off at 10:12

3. Used 80-watt fixture and battery packs*

Captures and Time

1. Small moth at UV/fluor. light, env. AAA – 20:31
2. Smallish light moth at UV/fluor. light, env. BBB – 20:37
3. Small green moth at UV/fluor. light, env. CCC – 20:44
4. Very tiny moth at UV/fluor. light, env. DDD – 20:45
5. Small black & white moth at UV/fluor. light, env. EEE – 20:47
6. Medium **underwing** moth at UV/fluor. light, env. FFF – 20:59
7. Small moth at UV/fluor. light, env. GGG – 21:01
8. Small moth at UV/fluor. light, env. HHH – 21:06
9. Medium moth at UV/fluor. light, env. III – 21:06
10. Small moth at UV/fluor. light, env. JJJ – 21:09
11. Very tiny moth at UV/fluor. light, env. KKK – 21:19
12. Small-smallish moth at UV/fluor. light, env. LLL – 21:22
13. Small-smallish moth at UV/fluor. light, env. MMM – 21:26
14. Small moth at UV/fluor. light, env. NNN – 21:33
15. Medium moth at UV/fluor. light, env. OOO – 21:38
16. Possible schinia moth at UV/fluor. light, env. PPP – 21:40
17. Tiny moth at UV/fluor. light, env. QQQ – 21:46
18. Tiny moth at UV/fluor. light, env. RRR – 21:53
19. Small moth at UV/fluor. light, env. SSS – 22:00
20. Smallish moth at UV/fluor. light, env. TTT – 22:00

A good number of ground beetles came to the sheet. When I quit, about 20+ moths were on the sheet.

Also on the sheet: Orange Wing, Armyworm Moth, and *costalis*.

* Used my new DieHard Portable Power 950 rechargeable battery for the first time; this battery lasts for 2.7 hours, according to the packaging.