

Moth Survey Results

Date: June 18, 2014

Location: Matsell Bridge Park

Number of trees baited: 0

Weather: 20:45, 75°, 0-light+ wind, mostly cloudy.

22:30, 72°, 0-light+ wind, partly cloudy.

Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

Comments

1. Moon not in sky. Sunset 8:45 p.m.

2. Lights on at 9:08. Lights off at 10:30

3. Used 80-watt fixture and 15-watt UV light

Captures and Time

1. Small moth at UV/fluor. light, env. AAA– 21:08
2. Small moth at UV/fluor. light, env. BBB– 21:24
3. Tiny moth at UV/fluor. light, env. CCC– 21:29
4. Small moth at UV/fluor. light, env. DDD– 21:31
5. Haploa moth at UV/fluor. light, env. EEE– 21:35
6. Tiny-small moth at UV/fluor. light, env. FFF– 21:36
7. Smallish moth at UV/fluor. light, env. GGG– 21:38
8. Small moth at UV/fluor. light, env. HHH– 21:39
9. Small moth at UV/fluor. light, env. III– 21:41
10. Tiny moth at UV/fluor. light, env. JJJ– 21:44
11. Tiny moth at UV/fluor. light, env. KKK– 21:46
12. Smallish moth at UV/fluor. light, env. LLL– 21:46
13. Smallish moth at UV/fluor. light, env. MMM– 21:48
14. Medium light moth at UV/fluor. light, env. NNN– 21:51
15. Small light moth at UV/fluor. light, env. OOO– 21:52
16. Smallish+ moth at UV/fluor. light, env. PPP– 22:00
17. Smallish moth at UV/fluor. light, env. QQQ– 22:07
18. Smallish white moth at UV/fluor. light, env. RRR– 22:08
19. Medium moth at UV/fluor. light, env. SSS– 22:10
20. Tiny yellow moth at UV/fluor. light, env. TTT– 22:13
21. Small moth at UV/fluor. light, env. UUU– 22:20
22. Smallish moth at UV/fluor. light, env. VVV– 22:27
23. Smallish moth at UV/fluor. light, env. WWW– 22:28
24. Smallish moth at UV/fluor. light, env. XXX– 22:30

Got a couple of beetles for Doug. When I turned off the lights, about 20 moths were on the sheet. Had two Hog Sphinx moths and two *Noctua pronuba* moths come to the sheet.

I had trouble with the older of the two large batteries; it wouldn't power either of the bulbs in the large fixture. Consequently nearly the entire session was powered by just one battery, which I used from 9:08 until it gave up around 10:15 p.m.; I kept the 15-watt UV light on until about 10:30.