

Moth Survey Results

Date: July 17, 2010

Location: Matsell Bridge Park

Number of trees baited: 0

Weather: 20:40, 73°, 0 wind, mostly cloudy.

22:45, 73°, 0 wind, mostly cloudy.

Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

Comments

1. Moon at 1st quarter. Sunset 8:39 p.m.

2. Light on at 8:55. Lights off at 10:45

3. Used 80-watt fixture and battery packs

Captures and Time

1. Smallish moth at UV/fluor. light, env. A– 21:32
2. Small dark moth at UV/fluor. light, env. B– 21:36
3. Small moth at UV/fluor. light, env. C– 21:37
4. Small mottled moth at UV/fluor. light, env. D– 21:44
5. Tiny boldly marked moth at UV/fluor. light, env. E– 21:45
6. Small light moth at UV/fluor. light, env. F– 21:47
7. Tiny boldly marked moth at UV/fluor. light, env. G– 21:53
8. Tiny light moth at UV/fluor. light, env. H– 22:00
9. Smallish moth at UV/fluor. light, env. I– 22:08
10. Tiny bird-dropping moth at UV/fluor. light, env. J– 22:11
11. Tiny boldly patterned moth at UV/fluor. light, env. K– 22:13
12. Small moth at UV/fluor. light, env. L– 22:16
13. Small **underwing** moth at UV/fluor. light, env. M– 22:29
14. Tiny moth at UV/fluor. light, env. N– 22:22
15. Small moth at UV/fluor. light, env. O– 22:33
16. Smallish light moth at UV/fluor. light, env. P– 22:40
17. Medium-small dark moth at UV/fluor. light, env. Q– 22:45

Got some good beetles for Doug; two long-horned beetles came in between 10:27 and 10:44 p.m. When I turned off the lights, about 35-40 moths were on the sheet. Several scabras, one hog sphinx, and one or two banded tussock moths came to the sheet. GPS location: 42° 02.970, 91° 39.567.

The battery with the yellow tag gave up after just 32 minutes of service. Other one lasted 1 hour 15 minutes before I unplugged it.