

Moth Survey Results

Date: April 25, 2014

Location: Matsell Bridge Park

Number of trees baited: 0

Weather: 20:00, 57°, 0-1 wind, mostly clear.

21:45, 49°, 0-1 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 7:59 p.m.

2. Light on at 8:18. Lights off at 10:00

3. Used 80-watt fixture and battery packs

Captures and Time

1. Smallish moth at UV/fluor. light, env. A– 20:35
2. Smallish moth at UV/fluor. light, env. B– 20:39
3. Smallish moth at UV/fluor. light, env. C– 20:44
4. Smallish moth at UV/fluor. light, env. D– 20:46
5. Tiny-small moth at UV/fluor. light, env. E– 20:50
6. Smallish-medium moth at UV/fluor. light, env. F– 20:51
7. Tiny-small orange and white moth at UV/fluor. light, env. G– 21:04
8. Smallish moth at UV/fluor. light, env. H– 21:06
9. Smallish-medium moth at UV/fluor. light, env. I– 21:11
10. Smallish-medium moth at UV/fluor. light, env. J– 21:20
11. Smallish-medium moth at UV/fluor. light, env. K– 21:21
12. Smallish moth at UV/fluor. light, env. L– 21:27
13. Smallish moth at UV/fluor. light, env. M– 21:29
14. Smallish moth at UV/fluor. light, env. N– 21:33
15. Small moth at UV/fluor. light, env. O– 21:35
16. Small moth at UV/fluor. light, env. P– 21:41
17. Smallish-medium moth at UV/fluor. light, env. Q– 21:56
18. Smallish moth at UV/fluor. light, env. R– 22:03

No beetles came to the sheet. When I turned off the lights, 35-40 moths were on the sheet. Three raccoon hunters with two dogs walked by at the start of the session.

I had trouble with one of the two large batteries; it would power the UV light, but the fluorescent light would constantly flicker. Consequently nearly the entire session was powered by just one battery, which I used from 8:28 until it gave up around 10 p.m.

No Lettered Sphinx moths came to the light, unlike the approximately 10 that came to the light on 4-20-10.