

Moth Survey Results

Date: Nov. 10, 2010

Location: Matsell Bridge Natural Area

Number of trees baited: 0

Weather: 17:20, 61°, 0-8 wind, partly cloudy.

19:00, 58°, 0-10 wind, mostly cloudy.

Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

Comments

1. Moon a thick crescent. Sunset 4:51 p.m.
2. Light on at 5:21. Lights off at 7:06.
3. Used 80-watt fixture and battery packs

Captures and Time

1. Smallish moth at UV/fluor. light, env. A– 17:28
2. Small moth at UV/fluor. light, env. B– 17:41
3. Medium-small dark moth at UV/fluor. light, env. C– 17:42
4. Small light moth at UV/fluor. light, env. D– 17:44
5. Smallish moth at UV/fluor. light, env. E– 18:00
6. Tiny moth at UV/fluor. light, env. F– 18:01
7. Small moth at UV/fluor. light, env. G– 18:04
8. Smallish moth at UV/fluor. light, env. H– 18:05
9. Small moth at UV/fluor. light, env. I– 18:18
10. Smallish light moth at UV/fluor. light, env. J– 18:20
11. Smallish dark moth at UV/fluor. light, env. K– 18:22
12. Medium dark moth at UV/fluor. light, env. L– 18:25
13. Small-smallish moth at UV/fluor. light, env. M– 18:32
14. Smallish moth at UV/fluor. light, env. N– 18:39
15. Smallish moth at UV/fluor. light, env. O– 18:39
16. Smallish moth at UV/fluor. light, env. P– 18:52

Got one good ground beetle for Doug. When I turned off the lights, 1 moth was on the sheet. Rain started at 7:05 p.m. GPS location: 42° 02.970, 91° 39.567. Got visited by a coon hunter with a miner's light affixed to his forehead. I could hear his coon dogs howling for a long time after he left.

The battery with the yellow tag gave up after just 30 minutes of service. The second one looked as if it was about ready to give up at 7:05 (1 hour 15 minutes of use).