

## Moth Survey Results

**Date:** August 21, 2010

**Location:** Shimek Forest headquarters

**Number of trees baited:** 0

**Weather:** 20:15, 75°, 0 wind, clear.

21:45, 72°, 0 wind, clear

### Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

### Comments

1. Moon 4 days past 1<sup>st</sup> quarter. Sunset 7:57 p.m.

2. Lights on at 8:15, off at 9:50.

3. Used 80-watt UV/fluor. fixture.

### Captures and Time

1. Smallish moth at UV/fluor. light, env. 4A – 20:58
2. Small moth at UV/fluor. light, env. 4B – 21:04
3. Smallish moth at UV/fluor. light, env. 4C – 21:06
4. Medium-small **underwing** moth at UV/fluor. light, env. 4D – 21:08
5. Medium-small moth at UV/fluor. light, env. 4E – 21:10
6. Smallish boldly marked moth at UV/fluor. light, env. 4F – 21:12
7. Very tiny moth at UV/fluor. light, env. 4G – 21:15
8. Small moth at UV/fluor. light, env. 4H – 21:25
9. Small moth at UV/fluor. light, env. 4I – 21:26
10. Smallish light moth at UV/fluor. light, env. 4J – 21:28
11. Small dark moth at UV/fluor. light, env. 4K – 21:30
12. Small light moth at UV/fluor. light, env. 4L – 21:35
13. Small green moth at UV/fluor. light, env. 4M – 21:42
14. Smallish grayish moth at UV/fluor. light, env. 4N – 21:43
15. Very tiny moth at UV/fluor. light, env. 4O – 21:48

We used Doug's fixture after mine fell over and smashed both tubes as I raised the level of the sheet. Doug, who was standing directly behind the sheet, didn't make any attempt to catch the fixture, and hadn't tied the "safety cord" to the hole in the top of the sheet to catch the fixture in case something like this happened.

When we turned off the light, about 20 moths were on the sheet. Moths on sheet included one orange wing, a yellow-collared scape moth, and a locust underwing. Doug only ended up with one beetle for the day, and that was one I picked off at the light.