

## Moth Survey Results

**Date:** Sept. 24, 2016

**Location:** Shimek Forest headquarters

**Weather:** 19:01, 77°, 0 wind, clear.

22:10, 73°, 0 wind, 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 7:01 p.m.
2. Lights on at 7:00. Lights off at 10:10
3. Used 80-watt UV/fluor. fixture.

### Captures and Time

1. Small moth at UV/fluor. light, env. A – 19:26
2. Small moth at UV/fluor. light, env. B – 19:31
3. Small-smallish moth at UV/fluor. light, env. C – 19:42
4. Smallish moth at UV/fluor. light, env. D – 20:03
5. Small-smallish moth at UV/fluor. light, env. A – 20:05
6. Smallish tiger moth at UV/fluor. light, env. F – 20:23
7. Small moth at UV/fluor. light, env. G – 20:26
8. Small-smallish moth at UV/fluor. light, env. H – 20:30
9. Medium **underwing** moth at UV/fluor. light, env. I – 20:48
10. Small light moth at UV/fluor. light, env. J – 20:56
11. Small-smallish moth at UV/fluor. light, env. K – 21:02
12. Small moth at UV/fluor. light, env. L – 21:11
13. Smallish moth at UV/fluor. light, env. M – 21:23
14. Small moth at UV/fluor. light, env. N – 21:53

When I turned off the light, about 50 mostly small moths were on the sheet. Two preying mantids and a cicada came to the sheet for quite some time. Also on sheet: Chickweed geometer and *scabra*. Lackluster results, given the warm temperatures.