

## Moth Survey Results

**Date:** May 7, 2013

**Location:** Wickiup Hill Natural Area

**Number of trees baited:** None

**Weather:** 20:37, 60°, 0-1 winds, clear

22:07, 56°, 0-1 winds, clear

### Circuits and Moths per Tree

19:49-19:59 0.0

20:25-20:34 0.0

### Comments

1. No moon.

2. Used 80-watt fixture *and* 15-watt light. See below.

3. Sunset 8:12 p.m. Light on at 8:37, off 10:07 p.m.

### Captures and Time

1. Tiny-small moth at UV/fluor. light, env. A – 21:04
2. Small moth at UV/fluor. light, env. B – 21:14
3. Small moth at UV/fluor. light, env. C – 21:15
4. Smallish moth at UV/fluor. light, env. D – 21:21
5. Abbott's Sphinx moth at UV/fluor. light, env. E – 21:23
6. Small moth at UV/fluor. light, env. F – 21:29
7. Small-smallish moth at UV/fluor. light, env. G – 21:35
8. Small grayish moth at UV/fluor. light, env. H – 21:38
9. Smallish moth at UV/fluor. light, env. I – 21:44

When I turned the light off, 4 moths were on sheet; only 15 moths showed up during the entire session. Swapped batteries at 9:18 (first battery still going).

Set up the sheet close to the bench that is roughly 150 yards north of the outhouse. I put the 80-watt fixture on south side, 15-watt light on north side. Also had one *Atteva aurea* (Hodges 2401) show up. Got some beetles for Doug, but they were all common species.

Temperatures: [predicted temperatures were much higher than actual]

9:07 – 58

9:37 – 58

10:07 – 56