

## Moth Survey Results

**Date:** Sept. 9, 2010

**Location:** Wickiup Hill Natural Area

**Number of trees baited:** None

**Weather:** 20:00, 67°, 0-5 ENE winds, mostly cloudy

21:40, 60°, 0-7 ENE winds, clear

### Circuits and Moths per Tree

19:49-19:59 0.0

20:25-20:34 0.0

### Comments

1. Moon not in sky.

2. Used 80-watt fixture at east side of kiosk.

3. Sunset 7:37 p.m. Light on at 8:00, off at 9:47 p.m.

### Captures and Time

1. Small dark moth at UV/fluor. light, env. A – 20:12
2. Smallish tiger moth at UV/fluor. light, env. B – 20:14
3. Small dark moth at UV/fluor. light, env. C – 20:16
4. Smallish dark mottled moth at UV/fluor. light, env. D – 20:30
5. Tiny green moth at UV/fluor. light, env. E – 20:37
6. Small dark moth at UV/fluor. light, env. F – 20:40
7. Smallish light moth at UV/fluor. light, env. G – 20:43
8. Small dark moth at UV/fluor. light, env. H – 20:48
9. Very tiny moth at UV/fluor. light, env. I – 20:58
10. Smallish light moth at UV/fluor. light, env. J – 21:01
11. Small dark moth at back door of building, env. K – 21:19
12. Small dark moth at UV/fluor. light, env. L – 20:41

When I turned the light off, about a dozen moths were on sheet. One White-lined Sphinx moth came in to the sheet. Set up east of main building at kiosk. Electrical outlet at kiosk is apparently on a timer, or is turned off at circuit box; an Americorps employee who was at Wickiup helped turn the outlet on.