

## Moth Survey Results

**Date:** Aug. 3, 2012

**Location:** Wickiup Hill Natural Area

**Number of trees baited:** None

**Weather:** 20:45, 82°, 0-4 var. wind, clear

22:15, 77°, 0-1 wind, clear

### Circuits and Moths per Tree

19:49-19:59 0.0

20:25-20:34 0.0

### Comments

1. Moon 2 days after full.

2. Used 80-watt fixture at N. end of huge meadow.

3. Sunset 8:23 p.m. Light on at 8:48, off at 10:16.

### Captures and Time

1. Small moth at UV/fluorescent light, env. AAA – 20:56
2. Small black & white moth at UV/fluorescent light, env. BBB – 21:08
3. Small moth at UV/fluorescent light, env. CCC – 21:11
4. Small moth at UV/fluorescent light, env. DDD – 21:12
5. Smallish moth at UV/fluorescent light, env. EEE – 21:24
6. Tiny green moth at UV/fluorescent light, env. FFF – 21:29
7. Smallish moth at UV/fluorescent light, env. GGG – 21:32
8. Small oddly-shaped moth at UV/fluorescent light, env. HHH – 21:41
9. Small moth at UV/fluorescent light, env. III – 21:46
10. Small red & black moth at UV/fluorescent light, env. JJJ – 21:47
11. Small moth at UV/fluorescent light, env. KKK – 21:51
12. Small moth at UV/fluorescent light, env. LLL – 21:53
13. Smallish white moth at UV/fluorescent light, env. MMM – 22:01
14. Small moth at UV/fluorescent light, env. NNN – 22:02

At 9:27 the first battery gave up (after 39 minutes). At 10:15 p.m. there were about 20 moths and *lots* of beetles/bugs on the sheet. At 10:16, the second battery died after 49 minutes of service. Also saw several Orange Wings and an Ipsilon Dart. Few nectar sources in meadow due to extreme drought conditions. I was set up at the covered bench that overlooks to the south the huge meadow/prairie.