

## Moth Survey Results

**Date:** April 14, 2004

**Location:** Wickiup Hill Natural Area

**Number of trees baited:** 6

**Weather:** 20:00, 61°, 0-1 winds, mostly clear

20:50, 56°, 0-1 winds, mostly clear

22:00, 54°, 0-1 winds, mostly clear

### Circuits and Moths per Tree

20:15 – 20:26 .17

21:36 – 21:43 .00

### Comments

1. No moon, humidity 24%.
2. Bait out at 7:50 CDT. Light on at 8:15.
3. Set up just S of outhouse. Left site at 10:35 p.m.
4. Sunset around 7:45 p.m.

### Captures and Time

1. Medium small moth at bait, env. 31 – 20:19
2. Medium moth at UV/fluorescent light, env. 32 – 20:28
3. Medium small dark moth at UV/fluorescent light, env. 33 – 20:35
4. Medium-small moth at UV/fluorescent light, env. 34 – 20:34
5. Medium moth at UV/fluorescent light, env. 35 – 20:42
6. Medium moth at light, N end of building, env. 36 – 20:48
7. Medium small moth at light, north end of building, env. 37 – 20:48
8. Medium small hump-back moth at light, north end of building, env. 38 – 21:00
9. Medium notch-wing moth at UV/fluorescent light, env. 39 – 21:03
10. Medium-small moth at UV/fluorescent light, env. 40 – 21:07
11. Medium small moth at UV/fluorescent light, env. 41 – 21:08
12. Medium small moth at UV/fluorescent light, env. 42 – 21:10
13. Small moth at UV/fluorescent light, env. 43 – 21:14
14. Medium small moth at UV/fluorescent light, env. 44 – 21:18
15. Medium light moth at UV/fluorescent light, env. 45 – 21:18
16. Medium moth at UV/fluorescent light, env. 46 – 21:21
17. Medium small moth at UV/fluorescent light, env. 47 – 21:25
18. Small moth at UV/fluorescent light, env. 48 – 21:28
19. Medium-small light brown moth at UV/fluorescent light, env. 49 – 21:30
20. Medium black & white moth at light, N end of building, env. 50 – 21:37
21. Medium moth at UV/fluorescent light, env. 51 – 21:47
22. Medium small moth on sidewalk by parking lot, env. 52 – 21:58
23. Medium small tiger moth by front door, env. 53 – 22:02
24. Medium moth at UV/fluorescent light, env. 54 – 22:12
25. Medium moth at UV/fluorescent light, env. 55 – 22:16
26. Tiny moth at UV/fluorescent light, env. 56 – 22:20
27. Medium moth at UV/fluorescent light, env. 57 – 22:22
28. Medium-small moth at UV/fluorescent light, env. 58 – 22:28
29. Medium-small hump-back moth at UV/fluorescent light, env. 59 – 22:31

I set up my two Coleman lanterns, large one with 2 UV bulbs and the small one with one UV, one fluorescent. Caught a beetle near the front door of the building at 20:56 for Doug Veal (it was the only beetle I saw all night). The majority of moths at the sheet seemed to come to the west side, where I had the small lantern. At 10:22 there were 9 of the larger black & white moths on the sheet at once.