

## Moth Survey Results

**Date:** July 18, 2004

**Location:** 1 mi. NE of Farmington

**Number of trees baited:** 0

**Weather:** 21:00, 68°, 0 winds, 50% cloudy

23:30, 66°, 0-½ winds, mostly clear

### Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

### Comments

1. No moon, 60-70% humidity.
2. Lights on at 9:00. Lights off at 11:40.
3. Solo run. Sunset around 8:40.

### Captures and Time

1. Medium sphinx moth at UV/fluorescent lights, env. K – 21:08
2. Zale moth at UV/fluorescent lights, env. 21 – 21:16
3. Medium small light moth at UV/fluorescent lights, env. 22 – 21:23
4. Medium sphinx moth at UV/fluorescent lights, env. L – 21:25
5. Eyed sphinx moth at UV/fluorescent lights, env. M – 21:26
6. Smallish moth at UV/fluorescent lights, env. 23 – 21:30
7. Small sphinx moth at UV/fluorescent lights, env. N – 21:33
8. Medium dark moth at UV/fluorescent lights, env. 24 – 21:38
9. Medium patterned moth at UV/fluorescent lights, env. 25 – 21:39
10. Medium small light moth at UV/fluorescent lights, env. 26 – 21:40
11. Medium small dark moth at UV/fluorescent lights, env. 27 – 21:50
12. Medium small moth at UV/fluorescent lights, env. 28 – 21:53
13. Smallish moth at UV/fluorescent lights, env. 29 – 21:56
14. Smallish moth at UV/fluorescent lights, env. 30 – 22:02
15. Medium small moth at UV/fluorescent lights, env. 31 – 22:05
16. Medium moth at wall behind me, env. O – 22:07
17. Medium small dark moth at UV/fluorescent lights, env. 32 – 22:11
18. Smallish green(?) moth at UV/fluorescent lights, env. 33 – 22:14
19. Medium small light moth at UV/fluorescent lights, env. 34 – 22:18
20. Medium small moth at UV/fluorescent lights, env. 35 – 22:22
21. Medium sphinx moth at UV/fluorescent lights, env. P – 22:24
22. Medium small dark moth at UV/fluorescent lights, env. 36 – 22:26 (underwing?)
23. Medium moth at UV/fluorescent lights, env. Q – 22:29 (underwing?)
24. Small moth at UV/fluorescent lights, env. 37 – 22:30
25. Honey Locust moth at UV/fluorescent lights, env. R – 22:35
26. Smallish moth at UV/fluorescent lights, env. 38 – 22:41
27. Smallish moth at UV/fluorescent lights, env. 39 – 22:41
28. Medium small dark moth at UV/fluorescent lights, env. 40 – 22:48
29. Smallish red & black moth at UV/fluorescent lights, env. 41 – 22:50
30. Medium small moth at UV/fluorescent lights, env. 42 – 22:53
31. Sphinx-like moth at UV/fluorescent lights, env. S – 22:58
32. Medium small mottled moth at UV/fluorescent lights, env. 43 – 23:01
33. Small peculiarly-shaped moth at UV/fluorescent lights, env. 44 – 23:04
34. Medium small dark moth at UV/fluorescent lights, env. 45 – 23:07
35. Small white moth at UV/fluorescent lights, env. 46 – 23:07
36. Small peculiar moth at UV/fluorescent lights, env. 47 – 23:12
37. Smallish moth at UV/fluorescent lights, env. 48 – 23:15
38. Small moth at UV/fluorescent lights, env. 49 – 23:20
39. Polyphemus moth flying near UV/fluorescent lights, regular env. – 23:22
40. Medium small moth at UV/fluorescent lights, env. 50 – 23:28
41. Small moth at UV/fluorescent lights, env. T – 23:31
42. Medium small moth at UV/fluorescent lights, env. U – 23:36
43. Smallish moth at UV/fluorescent lights, env. V – 23:38

Imperial moth came flying by at 10:46 p.m. (near-new condition). Banded Tussock moths were abundant – up to 15 at a time on the sheet. Very worn Tawny Emperor on sheet for a long time. Very few beetles. Vouchered for Doug: large stag beetle at 9:35, medium beetle at 11:04.

Baited five trees, then discovered the small flashlight didn't work, and I'd either lost or left at home the large rechargeable flashlight.