

Moth Survey Results

Date: April 16, 2004

Location: Shimek, E of Farmington

Number of trees baited: 0

Weather: 20:35, 74°, light S winds, mostly clear

21:45, 73°, light S winds, mostly clear

22:53, 70°, light+ S winds, mostly clear

Circuits and Moths per Tree

Comments

1. No moon. With Jim Durbin.
2. Lights on at 8:06; lights off 10:55.
3. Left site at 11:15 p.m.
4. Sunset around 7:45 p.m.

Captures and Time

1. Small dark brown moth, env. 1 – 20:20
2. Medium dark moth, env. 2 – 20:27
3. Medium small moth, env. 3 – 20:31
4. Medium small black & white moth, env. 4 – 20:34
5. Medium small dark moth, env. 5 – 20:36
6. Medium small dark moth, env. 6 – 20:43
7. Medium sphinx moth, env. 7 – 20:45
8. Medium small bold pattern moth, env. 8 – 20:51
9. Medium small light moth, env. 9 – 20:55
10. Small moth, env. 10 – 20:59
11. Medium small brown moth, env. 11 – 21:03
12. Medium small moth, env. 12 – 21:05
13. Small moth, env. 13 – 21:12
14. Small moth, env. 14 – 21:16
15. Medium small moth, env. 15 – 21:19
16. Medium small moth, env. 16 – 21:19 [sic]
17. Small moth, env. 17 – 21:23
18. Medium small bold pattern moth, env. 18 – 21:30
19. Small moth, env. 19 – 21:34
20. Medium small moth, env. 20 – 21:37
21. Medium small dark moth, env. 21 – 21:43
22. Medium small light moth, env. 22 – 21:46
23. Small moth, env. 23 – 21:57
24. Medium spanworm moth, env. 24 – 22:07
25. Medium small blackish moth, env. 25 – 22:10
26. Medium small moth, env. 26 – 22:17
27. Medium small moth, env. 27 – 22:17 [sic]
28. Small light moth, env. 28 – 22:22
29. Small moth, env. 29 – 22:27
30. Medium small moth, env. 30 – 22:53
31. Medium small moth, env. 31 – 22:53 [sic]

I set up my large fixture with UV and fluorescent tubes. Jim set up two lanterns on the building side of the sheet. When we quit there were at least 100 moths on the sheet, from about 1.5 inches down to .5. Saw many, many beetles; collected 10 for Doug:

Vial 1: 20:09	Vial 2: 20:10	Vial 3: 20:12	Vial 4: 20:16	Vial 5: 20:19
Vial 6: 20:59	Vial 7: 21:10	Vial 8: 21:23	Vial : 21:50	Vial : 22:01

Distance to site is 116 miles; takes 2 hours driving time.