

Moth Survey Results

Date: August 16, 2003
Location: Squaw Creek Park
Number of trees baited: 12

Weather: 20:15, 82°, 0 wind, clear
21:25, 78°, 0 wind, clear
23:20, 77°, 0 wind, clear

Circuits and Moths per Tree*

20:50 – 21:20 .42 [5 moths]
[Had 2 other circuits, but tape goofed up]

Comments

1. At alternative site; primary site parking lights on.
2. Humidity 50%. Bait out at 8:15; light on at 8:43.
3. Outhouse light not on. Quit at 11:59 p.m.
4. See NOTE below about tape recorder .

Captures and Time

1. Medium large underwing moth at baited tree 20:55, env. A (on tree just SE from alternative outhouse)
2. Medium small patterned moth at UV light 21:01, env. 1
3. Medium black underwing moth at baited tree 21:08, env. B (on hickory east of MV light)
4. Small dark moth at UV light 21:22, env. 2
5. Medium small yellowish moth at UV light 21:26, env. 3
6. Medium small scalloped dark moth at UV light 21:29, env. 4
7. Small light moth at UV light 21:34, env. 5
8. Medium small scalloped dark moth at baited tree 21:41, env. 6
9. Medium black underwing moth at baited tree 21:48, env. C (on tree farthest SE from alternative outhouse)
10. Medium large underwing moth at baited tree 22:00, env. D (on hickory tree east of MV light)
11. Medium large underwing moth at baited tree around 22:10, env. E (on tree farthest SE from outhouse)
12. Medium large underwing moth at baited tree around 22:10, env. F (on tree farthest SE from outhouse)
13. Medium black underwing moth at baited tree around 22:15, env. G (on tree farthest SE from outhouse)
14. Possible Lunate Zale moth at baited tree 23:04, env. 10 (on 'middle' meadow tree)
15. Medium dark moth at UV light 23:18, env. 11
16. Medium small humpbacked moth at UV light 23:22, env. 12
17. Medium moth at UV light 23:27, env. 13
18. Tiny moth at UV light 23:27, env. 14
19. Medium pale moth at UV light 23:31, env. 15
20. Tiny bird-dropping moth at UV light 23:35, env. 16
21. Medium small yellowish moth at UV light 23:52, env. 17
22. Tiny light moth at UV light 23:57, env. 18

NOTE: Tape recorder failed to record entries for envelopes 7, 8, and 9, and envelopes E, F, and G. I have reconstructed records above as far as possible. Locations for E, F, and G are correct. E, F, and G were all on the same tree at the same time. Got two with one swipe of net, then came back in a few minutes for the third, which both times had been at base of tree.

Small underwing landed on sheet at 21:28, but flew before I could get to it with the jar. At 21:38 missed a probable black underwing on tree farthest from alternative outhouse. Missed a medium large underwing on farthest SE tree from alternative bathroom at about 23:15.

Park employees turned off parking lot lights shortly after 22:00.