

Moth Survey Results

Date: Sept. 23, 2003

Location: Squaw Creek Park

Number of trees baited: 13

Weather: 19:40, 62°, 0-1 mph wind, 100% clear

20:30, 58°, 0-1 mph wind, 50% clear

22:00, 57°, 0-1 mph wind, 100% clear

Circuits and Moths per Tree*

19:55 – 20:28 5.8 [76 moths]

20:40 – 21:14 9.3 [121 moths]

21:25 – 21:55 6.6 [86 moths]

Comments

1. Original site; sunset around 7:00. No moon.
2. Bait out at 7:20; light on at 7:45.
3. Both bathroom/MV streetlight on.
4. UV light off at 10:25 p.m.

Captures and Time

1. Medium dark moth at UV light 19:49, env. 1.
2. Medium moth at baited tree 19:58, env. 2.
3. Medium underwing moth at baited tree 20:02, env. A (on 2nd meadow tree, farthest NW)
4. Medium small light moth at baited tree 20:06, env. 3.
5. Medium moth at baited tree 20:20, env. 4.
6. Medium small moth at UV light 20:29, env. 5.
7. Medium small light moth at baited tree 20:43, env. 6.
8. Medium dark moth at baited tree 20:46, env. 7.
9. Medium dark moth at baited tree 21:04, env. 8.
10. Medium dark moth at baited tree 21:10, env. 9.
11. Medium dark moth at baited tree 21:13, env. 10.
12. Medium small patterned moth at UV light 21:25, env. 11.
13. Medium small light moth at baited tree 21:33, env. 12.
14. Medium darkish moth at baited tree 21:46, env. 13.
15. Medium light moth at UV light 21:58, env. 14.
16. Medium dark mottled moth at UV light 22:09, env. 15.
17. Small light moth at UV light 22:15, env. 16.
18. Medium dark moth at UV light 22:17, env. 17.

Saw only 1 underwing moth tonight. Saw one Lunate Zale at baited tree. Very few insects/moths on UV-lighted sheet. On second pass the tree S of the alt. outhouse had 24 moths; the tree in the SE corner from the alt. outhouse had 22 moths; the tree closest to the alt. outhouse had 19 moths. On third pass those same three trees had 15, 16, and 9 moths respectively.

Many, many acorns and nuts on the ground, making approaches to trees more difficult.