

Moth Survey Results

Date: June 26, 2005

Location: Wildcat Den State Park

Number of trees baited: 0

Weather: 21:00, 82°, 0 winds, mostly clear.

23:00, 79°, 0 winds, clear.

Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

Comments

1. No moon interference, high humidity.
2. Lights on at 8:35. Lights off at 11:01.
3. Set up at pavilion with Doug Veal.
4. Sunset around 8:40 p.m.

Captures and Time

1. Small B&W moth at UV/fluorescent light, env. A – 21:01
2. Smallish light brown moth at UV light, env. B – 21:09
3. Medium small white moth at 15-watt light, env. C – 21:13
4. Medium small moth at UV/fluorescent light, env. D – 21:18
5. Smallish boldly marked moth at UV light, env. E – 21:21
6. Smallish light moth at UV/fluorescent light, env. F – 21:35
7. Medium small moth at 15-watt light, env. G – 21:43
8. Medium moth at UV/fluorescent light, env. H – 21:54
9. Medium small light moth at UV light, env. I – 21:56
10. Medium moth at UV/fluorescent light, env. J – 22:00
11. Smallish light moth at UV/fluorescent light, env. K – 22:17
12. Smallish mottled moth at UV/fluorescent light, env. L – 22:38
13. Smallish dark moth at UV/fluorescent light, env. M – 22:43
14. Medium small dark brown moth at 15-watt light, env. N – 22:48
15. Tiny moth at UV light, env. O – 23:00
16. Small moth at UV light, env. 0 – 23:00 NOTE: Two moths in O
17. Great Leopard moth at UV light, env. P – 23:02

An Imperial moth circled Doug's light around 10:20 p.m., then landed and stayed on the back of his sheet until light was turned off. Rosy Maple moth at 15-watt light.

We used two 4-foot-long fixtures, Doug with a combination UV/fluorescent and me with two UV bulbs. Doug also set up a 15-watt portable bulb at a trail head across the road.