

Moth Survey Results

Date: August 6, 2010

Location: Wickiup Hill Natural Area*

Number of trees baited: None

Weather: 20:30, 75°, 0 winds, mostly cloudy

22:20, 72°, 0-2 winds, cloudy & rain

Circuits and Moths per Tree

19:49-19:59 0.0

20:25-20:34 0.0

Comments

1. No moon. Sunset 8:20 p.m.

2. Used 80-watt fixture w. battery packs.

3. Light on at 8:50, off at 10:20 p.m.

Captures and Time

1. Smallish moth at UV/fluor. light, env. 4A – 21:02
2. Small white moth at UV/fluor. light, env. 4B – 21:04
3. Small moth at UV/fluor. light, env. 4C – 21:07
4. Smallish dark moth at UV/fluor. light, env. 4D – 21:11
5. Tiny moth at UV/fluor. light, env. 4E – 21:12
6. Buttercup moth at UV/fluor. light, env. 4F – 21:14
7. Small boldly patterned moth at UV/fluor. light, env. 4G – 21:16
8. Tiny white moth at UV/fluor. light, env. 4H – 21:18
9. Small dark moth at UV/fluor. light, env. 4I – 21:24
10. Smallish light moth at UV/fluor. light, env. 4J – 21:31
11. Small mottled moth at UV/fluor. light, env. 4K – 21:32
12. Medium-small **underwing** at UV/fluor. light, env. 4L – 21:35
13. Small boldly patterned moth at UV/fluor. light, env. 4M – 21:36
14. Smallish light moth at UV/fluor. light, env. 4N – 21:39
15. Smallish light moth at UV/fluor. light, env. 4O – 21:42
16. Medium-small dark moth at UV/fluor. light, env. 4P – 21:43
17. Tiny green moth at UV/fluor. light, env. 4Q – 21:47
18. Small black and white moth at UV/fluor. light, env. 4R – 21:49
19. Medium **underwing** moth at UV/fluor. light, env. 4S – 21:55 (found on vertical support beam)
20. Small green and white moth at UV/fluor. light, env. 4T – 22:01
21. Smallish moth at UV/fluor. light, env. 4U – 22:04
22. Very tiny black moth at UV/fluor. light, env. 4V – 22:09
23. Smallish dark moth at UV/fluor. light, env. 4W – 22:10
24. Small moth at UV/fluor. light, env. 4X – 22:11
25. Smallish light moth at UV/fluor. light, env. 4Y – 22:13
26. Small dark moth at UV/fluor. light, env. 4Z – 22:16
27. Big Poplar **Sphinx** moth at UV/fluor. light, put in ziplock bag – 22:20
28. Medium-large **underwing** moth at UV/fluor. light, env. blank – 22:20

When I turned the light off, 40+ moths were on sheet. Many hundreds of flying insects on sheet at all times, particularly at the bottom. Very light rain started at 10:59, and increased until I gave up at 10:20. The yellow-tag battery pack gave up at 9:18, less than 30 minutes after startup. Also had a Chickweed Geometer and a Yellow-collared Scape moth come to sheet.

* Set up at the far north end of the vast meadow at north of site; draped the sheet across the bench seat and roof structure on the north trail.