

Moth Survey Results

Date: June 20, 2014

Location: Wickiup Hill Natural Area

Number of trees baited: None

Weather: 20:50, 72°, 0 wind, mostly cloudy

23:15, 68°, 0 wind, partly cloudy

Circuits and Moths per Tree

19:49-19:59 N/A

20:25-20:34 N/A

Comments

1. No moon in sky.

2. Used 15-watt fixture.

3. Sunset 8:45 p.m. Light on at 9:00, off 11:16 p.m.

Captures and Time

1. Small moth at UV light, env. A – 21:27
2. Small moth at UV light, env. B – 21:36
3. Small moth at UV light, env. C – 21:42
4. Small moth at UV light, env. D – 21:51
5. Smallish moth at UV light, env. E – 21:56
6. Small light moth at UV light, env. F – 21:57
7. Tiny moth at UV light, env. G – 22:00
8. Tiny white moth at UV light, env. H – 22:01
9. Tiny moth at UV light, env. I – 22:03
10. Very tiny moth at UV light, env. J – 22:05
11. Smallish white moth at UV light, env. K – 22:07
12. Smallish-medium light moth at UV light, env. L – 22:11
13. Tiny-small moth at UV light, env. M – 22:14
14. Tiny moth at UV light, env. N – 22:17
15. Small light moth at UV light, env. O – 22:23
16. Small moth at UV light, env. P – 22:28
17. Smallish moth at UV light, env. Q – 22:29
18. Tiny-small moth at UV light, env. R – 22:36
19. Smallish moth at UV light, env. S – 22:41
20. Tiny-small plume moth at UV light, env. T – 22:47
21. Small light moth at UV light, env. U – 22:53
22. Small yellow moth at UV light, env. V – 22:56
23. Small light moth at UV light, env. W – 22:58
24. Tiny white moth at UV light, env. X – 23:04
25. Small moth at UV light, env. Y – 23:07
26. Smallish gray moth at UV light, env. Z – 23:10
27. Zale moth at **building light**, env. blank – 23:29
28. Small **sphinx** moth at **building light**, env. blank – 23:33

Had technical problems tonight: the large fixture wouldn't turn on. I suspect the inverter/converter.

When I turned the 15-watt light off, 60+ moths were on sheet. Also at the sheet: about 10 *Haploa lecontei*, a 3-spotted Phillip, and an Orange Wing. Bugs were so bad that I used the mosquito netting over my hat and face. Also had 15 fish flies on the sheet at once.

Set up the sheet close to the bench that is roughly 150 yards north of the outhouse.