

Moth Survey Results

Date: August 6, 2012
Location: Rock Island Preserve
Number of trees baited: 0

Weather: 20:45, 68°, 0 wind, clear
22:00, 64°, 0 wind, clear

Circuits and Moths per Tree

20:15 – 20:26 N/A
21:36 – 21:43 N/A

Comments

1. Moon not in sky; set up in savannah.
2. 80-watt UV/fluor. lights on at 8:48, off at 10:00.
3. Sunset 8:18. Used battery packs.

Captures and Time

1. Tiny moth at UV/fluor. light, env. A – 21:17
2. Smallish gray moth at UV/fluor. light, env. B – 21:22
3. Smallish moth at UV/fluor. light, env. C – 21:28
4. Tiny moth at UV/fluor. light, env. D – 21:29
5. Tiny moth at UV/fluor. light, env. E – 21:41
6. Tiny-small moth at UV/fluor. light, env. F – 21:53
7. Smallish tiger moth at UV/fluor. light, env. G – 21:56
8. Tiny moth at UV/fluor. light, env. H – 21:57
9. Smallish moth at UV/fluor. light, env. I – 21:59

I set up toward the back of the trail between Strip A and B. From sunset until about 9:20, I monitored the bouncing bet, searching for sphinx moths. In the time I saw 6 or 7, but was only able to catch one – a White-lined Sphinx. The first sphinx moth I saw was at 8:41 (23 minutes after sunset). The last one I saw was at 9:21.

When I left, 5 moths were on the sheet. First battery pack (with X on it) failed after 34 minutes. Also saw, around 8:45, a guy riding his horse around the Strip A path. He lives in the white house south of the Preserve.