

Moth Survey Results

Date: May 12, 2011

Location: Rowley Fen

Number of trees baited: 0

Weather: 20:45, 67°, 0 winds, clear.

22:10, 59°, 0-3 winds, cloudy.

Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

Comments

1. Moon 2 days past 1st quarter. Sunset 8:16 p.m.

2. Lights on at 8:46. Lights off at 10:10

3. Used 80-watt fixture.

Captures and Time

1. Small moth at UV/fluor. light, env. A– 20:57
2. Smallish moth at UV/fluor. light, env. B– 20:58
3. Smallish to medium-small moth at UV/fluor. light, env. C– 21:04
4. Smallish moth at UV/fluor. light, env. D– 21:08
5. Smallish sphinx moth at UV/fluor. light, env. E– 21:09
6. Small black and red moth at UV/fluor. light, env. F– 21:10
7. Tiny moth at UV/fluor. light, env. G– 21:18
8. Smallish moth at UV/fluor. light, env. H– 21:23
9. Small moth at UV/fluor. light, env. I– 21:27
10. Smallish moth at UV/fluor. light, env. J– 21:0430
11. Tiny bird-dropping moth at UV/fluor. light, env. K– 21:42
12. Smallish white moth at UV/fluor. light, env. L– 21:47
13. Small boldly marked moth at UV/fluor. light, env. M– 21:58
14. Smallish dark moth at UV/fluor. light, env. N– 22:08

As soon as I turned on the lights, a large bumblebee came in and stayed the entire night. When I turned off the lights, 12 moths were on the sheet.

Note: The south end has been burned within the last several weeks, and the tree I used to tie the sheet to is gone. So I set up at the north near the pines and lilacs. At 9:15 the first battery quit.