

Moth Survey Results

Date: Sept. 19, 2011

Weather: 19:15, 56°, 0 wind, clear.

Location: Twin Springs State Park, Winnishiek Co.

21:15, 53°, 0 wind, clear.

Number of trees baited: 0

Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

Comments

1. Moon not in sky. Sunset 7:11 p.m.
2. Light on at 7:25. Light off at 9:10.
3. Used 80-watt fixture.

Captures and Time

1. Tiny moth at UV/fluor. light, env. AA – 19:31
2. Tiny-small moth at UV/fluor. light, env. BB – 19:33
3. Smallish dark moth at UV/fluor. light, env. CC – 19:37
4. Smallish moth at UV/fluor. light, env. DD – 19:41
5. Tiny moth at UV/fluor. light, env. EE – 19:43
6. Medium moth at UV/fluor. light, env. FF – 19:45
7. Small moth at UV/fluor. light, env. GG – 20:01
8. Smallish moth at UV/fluor. light, env. HH – 20:03
9. Medium moth at UV/fluor. light, env. II – 20:16
10. Tiny-small moth at UV/fluor. light, env. JJ – 20:42
11. Medium-small moth at UV/fluor. light, env. KK – 21:02

NOTE: Also caught 3 moths, same species, at Luther College sign on Highway 52 at 21:15. They are in a large glassine envelope. GPS for the Twin Springs site: 43° 17.785, 91° 48.935. It is next to a stream and a pond, east of a loop dirt roadway in the park.

No beetles came to the sheet. At 9:10 p.m. there were 5 moths on the sheet (4 were same tiny species). Note temperatures above.