

Moth Survey Results

Date: Sept. 29, 2014

Location: Minne Estema Park Benton Co.

Weather: 19:15, 65°, 0-4 wind, clear.

21:20, 59°, 0-3 wind, clear.

Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

Comments

1. Moon 3 days before 1st quarter. Sunset 6:54 p.m.
2. Lights on at 7:24. Lights off at 9:25.
3. Used 80-watt fixture and battery packs*

Captures and Time

1. Smallish moth at UV/fluor. light, env. A – 19:29
2. Smallish moth at UV/fluor. light, env. B – 19:51
3. Tiny-small moth at UV/fluor. light, env. C – 20:05
4. Tiny-small moth at UV/fluor. light, env. D – 20:17
5. Tiny-small moth at UV/fluor. light, env. E – 20:19
6. Small-smallish moth at UV/fluor. light, env. F – 20:21
7. Small-smallish moth at UV/fluor. light, env. G – 20:37
8. Very tiny moth at UV light, env. H – 20:54
9. Medium moth at UV light, env. I – 21:11
10. Small moth at UV light, env. J – 21:19
11. Smallish moth at UV light, env. K – 21:24

When I quit, 13 moths were on the sheet. Also on the sheet: several *Idia aemula*, a *scabra*, and a Copper Underwing.

* Jim's big battery lasted 26 minutes; my newer big battery lasted 55 minutes; and my older big battery refused to power the 80-watt fixture, so I switched to the 15-watt UV lamp with the small battery.