

## Moth Survey Results

**Date:** July 25, 2010

**Location:** Red Fern Timber

**Number of trees baited:** 0

**Weather:** 21:00, 72°, 0 wind, partly clear.

22:45, 70°, 0 wind, partly cloudy.

### Circuits and Moths per Tree

20:15 – 20:26 N/A

21:36 – 21:43 N/A

### Comments

1. Full moon. Sunset 8:40 p.m.

2. Light on at 9:03. Lights off at 10:40

3. Used 80-watt fixture with battery packs.

### Captures and Time

1. Very tiny moth at UV/fluor. light, env. A – 21:04
2. Very tiny moth at UV/fluor. light, env. B – 21:14
3. Smallish dark moth at UV/fluor. light, env. C – 21:18
4. Small moth at UV/fluor. light, env. D – 21:20
5. Small dark moth at UV/fluor. light, env. E – 21:22
6. Medium-small light moth at UV/fluor. light, env. F – 21:24
7. Small dark moth at UV/fluor. light, env. G – 21:27
8. Medium **underwing** moth at UV/fluor. light, env. H – 21:32
9. Smallish dark moth at UV/fluor. light, env. I – 21:34
10. Smallish dark moth at UV/fluor. light, env. J – 21:37
11. Tiny moth at UV/fluor. light, env. K – 21:39
12. Tiny moth at UV/fluor. light, env. L – 21:41
13. Tiny moth at UV/fluor. light, env. M – 21:43
14. Small moth at UV/fluor. light, env. N – 21:48
15. Small black and white moth at UV/fluor. light, env. O – 21:49
16. Medium-small orangy-yellow moth at UV/fluor. light, env. P – 21:52
17. Small moth at UV/fluor. light, env. Q – 21:57
18. Small moth at UV/fluor. light, env. R – 21:59
19. Small moth at UV/fluor. light, env. S – 22:05
20. Tiny moth at UV/fluor. light, env. T – 22:16
21. Smallish moth at UV/fluor. light, env. U – 22:20
22. Tiny moth at UV/fluor. light, env. V – 22:22
23. Tiny moth at UV/fluor. light, env. W – 22:27
24. Medium-small moth at UV/fluor. light, env. X – 22:30
25. Very tiny moth at UV/fluor. light, env. Y – 22:32
26. Smallish mottled moth at UV/fluor. light, env. Z – 22:34
27. Tiny light moth at UV/fluor. light, env. EEE – 22:37

Got some beetles, including one long-horned beetle, for Doug. At 10:30 p.m. there were 45-50 moths on the sheet. At 9:45 p.m. a **Luna moth** showed up and stayed until lights out. Also a **Great Spangled Fritillary** showed up at 9:52 and stayed until lights out. NOTE: battery with yellow tag conked out after 31 minutes.