

## Moth Survey Results

**Date:** Oct. 12, 2003

**Location:** Squaw Creek Park

**Number of trees baited:** 13

**Weather:** 18:40, 62°, 0 wind, clear

21:20, 52°, 0 wind, clear

### Circuits and Moths per Tree\*

19:20 – 19:41 0.4 [4 moths, 9 trees]  
20:05 – 20:26 1.1 [11 moths, 10 trees]  
20:40 – 21:03 0.3 [4 moths, 13 trees]

### Comments

1. Original site; moon 3 days past full, rising at 7:30.
2. Bait out at 6:40; light on at 7:15.
3. Both bathroom/MV streetlight on.
4. UV light off at 9:21: p.m.

### Captures and Time

1. Medium small light moth at baited tree 19:26, env. 31.
2. Medium dark moth at UV light 19:46, env. 32.
3. Medium small light moth at UV light 19:56, env. 33.
4. Medium small dark moth at UV light 20:00, env. 34.
5. Medium small dark moth at baited tree 20:19, env. 35.
6. Medium dark moth at UV light 20:36, env. 36.
7. Medium dark moth at UV light 21:20, env. 37.

Varying number of trees baited reflects gatherings of people and vehicular traffic which made certain trees not viable for survey results. Moon becoming a factor after about 8:30. Dramatic decrease in numbers of moths from October 12<sup>th</sup>.