Habitat Hole Project

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• The habitat hole project was done over the course of six weeks, it was a project that observed the activity of five holes. These five holes were identified during the course of the project.

•Including the major hole each of the other four holes were observed each week using a device called the See-Snake camera, this machine went inside the hole and allowed us too view the hole up close.

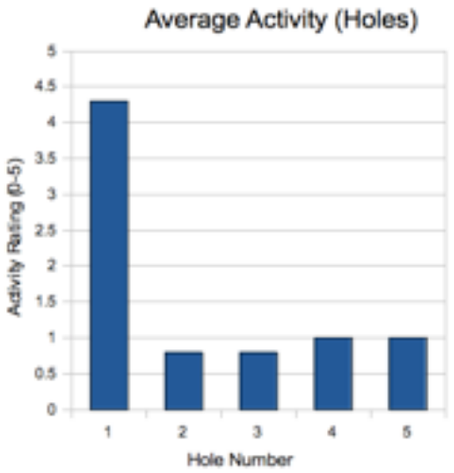
•One hole that seemed to be active from week one was further explored unlike the other four holes. This major hole was baited with seeds and corn, then recorded using a motion sensitive camera, nailed to a nearby tree.

•Everything observed in and around the holes were recorded, then analyzed closely. The observations made were rated from five to zero, five being the most active, zero being the least. This gave the most active hole having the highest average ratings, and vise versa. After six weeks this allowed the conclusion to be made by analyzing the hole ratings.

• In conclusion the major hole was the most active. The other four holes did not have enough activity recorded making all of them inactive. In the end one out of five holes was active.

•The errors made included: not baiting and leaving a camera at all of the holes, not enough time, the way in which data was recorded could have been improved.

honed



Weekly Observations

Date	Air Temp.	Hole Name	Height,Width of hole	Exposure (N,E,S,W)	Substrate	Observations
09/24/10	17.22º C	Maj. Hole	H- 10.2 cm W- 5.1 cm	N/W	Rock	First day of bait set up, we noticed a slimy object inside hole.
09/24/10	17.22º C	Min. Hole 1	H- 7.6 cm W- 17.8 cm	S/E	Tree/Soil	Filled with, leaves and basic sticks etc.
09/24/10	17.22º C	Min. Hole 2	H- 10.2 cm W- 10.2 cm	E/S	Tree/Soil	Many leaves, twigs, and dirt
09/24/10	17.22º C	Min. Hole 3				
09/24/10	17.22º C	Min. Hole 4				
09/30/10	20º C	Maj. Hole	H- 10.2 cm W- 5.1 cm	N/W	Rock	Many pictures of red squirrel, around hole, nothing abnormal about hole
09/30/10	20º C	Min. Hole 1	H- 7.6 cm W- 17.8 cm	S/E	Tree/Soil	Nothing abnormal
09/30/10	20º C	Min. Hole 2	H- 10.2 cm W- 10.2 cm	E/S	Tree/Soil	Nothing abnormal
09/30/10	20º C	Min. Hole 3				
09/30/10	20º C	Min. Hole 4				
10/14/10	13.88º C	Maj. Hole	H- 10.2 cm W- 5.1 cm	N/W	Rock	Pictures once again of red squirrel and now chipmunk, added things to hole
10/14/10	13.88º C	Min. Hole 1	H- 7.6 cm W- 17.8 cm	S/E	Tree/Soil	Nothing abnormal
10/14/10	13.88º C	Min. Hole 2	H- 10.2 cm W- 10.2 cm	E/S	Tree/Soil	Nothing abnormal
10/14/10	13.88º C	Min. Hole 3	H- 3.8 cm W- 8.9 cm	South	Soil	Something has been here, dug under CREA walk way
10/14/10	13.88º C	Min. Hole 4				
10/22/10	8.8º C	Maj. Hole	H- 10.2 cm W- 5.1 cm	N/W	Rock	An image of the red squirrel going in the hole was caught, coyote on camera
10/22/10	8.8º C	Min. Hole 1	H- 7.6 cm W- 17.8 cm	S/E	Tree/Soil	Nothing abnormal
10/22/10	8.8º C	Min. Hole 2	H- 10.2 cm W- 10.2 cm	E/S	Tree/Soil	Nothing abnormal
10/22/10	8.8º C	Min. Hole 3	H- 1.5 inch W- 3.5 inch	South	Soil	Nothing has changed
10/22/10	8.8º C	Min. Hole 4				
10/28/10	18.3º C	Maj. Hole	H- 10.2 cm W- 5.1 cm	N/W	Rock	Vole and Red Squirrel on camera, (Active)
10/28/10	18.3º C	Min. Hole 1	H- 7.6 cm W- 17.8 cm	S/E	Tree/Soil	Nothing has changed (Inactive)
10/28/10	18.3º C	Min. Hole 2	H- 10.2 cm W- 10.2 cm	E/S	Tree/Soil	Nothing has changed (Inactive)
10/28/10	18.3º C	Min. Hole 3	H- 3.8 cm W- 8.9 cm	South	Soil	Nothing has changed (Inactive)
10/28/10	18.3º C	Min. Hole 4	H- 12.7 cm W- 14 cm	South	Tree	Not a complete hole, no life. (Inactive)

Average Activity Ratings (Weekly)

Major Hole (1)	Minor Hole 1 (2)	Minor Hole 2 (3)	Minor Hole 3 (4)	Minor Hole 4 (5)
3	1	1	x	x
4	1	1	x	x
4.5	1	1	2	x
5	1	1	1	1
5	0	0	0	0

Thank you Cheryl Sleeper and Glenn Evans

Also thank you CREA for use of your equipment and building.