Estab- 400330-32 → lished research → area B-3-30-40. which was 1/10 meter area of soil a depth of 2 inches. all animals identified and percent frequency record. Taken under partial protection of Populus. Dead leaves as mat. Ground temperature near = 7½ degrees C° air temperature 18½°C at 10:30 A.M. Forms recorded for our group no C and combined A. B. and C as follows. Combined area = 3/10 of one meter.

	A.	B.	C.
Oreabelid strigoso	7	4	8
Diptera (small)	2		4
white mite		3	11
Collembola (yellow, may be a Phipaneura.)	11	7	28
red mite	3	1	3
pale red ant	1		4
Diptera larva	1		
Elaterid (adults)	1	2	3
Arachnids	12	2	2
Elaterid larva			14
Centipeds	1	2	5
Annelid (white)	17	8	1
Annelid (red)			1
Slug			1

	A.	B.	C.
Diptera larva			4
Carabid			1
a white larva			2
Cut worm			1
collembola (white)	10		1
millipid			1
Porcellio	2		1
Tenib. larva			1
Midge	3	2	
Collembola (brown)	1		
Lepidopterous larva	1		
Black ant			6
Crab spider			1
Snail eggs			1
Black Lygaeid			

Research area 3-3-30-40. Took 48 sweeps through the leavles herbaceous vegetation which was equivalent to 1 sq. meter. + recorded all animals as to numbers and kinds. Results: with combined results equal to 3 sq meter:

Herbs

	A.	B.	C.
arachnid	2		
midges			1
miridae	1	1	2
moth		1	
Gall midges		1	

Research area 4-3-30-40. Took 48 sweeps in seedling trees + shrubs as above. Results

	A.	B.	C.
midges		1	1
Crane fly			1
Black gnat			1
membracidae	1		
Arachnids	2	2	
Cercopelidae			1
Miridae.		3	

Research area 5-3-30-40. Selected three small trees Shook tree over a tree cloth and counted all animals.

of opening. Tree 1. a cottonwood, no leaves, 3 cubic meters, perpheal edge Results. as a combined grouping.