

BAT PHYSIOGNOMY DATA SHEET

Locality: Mongolia, Övörkhangay, Ulaan Tsutgalan Date: 18 / July 1999
 Numb. of nets: 2 x Length: 60 x open @ 9:10pm closed @ _____ = _____ m/night
 Collectors: The "crew" Notes: _____

Moon phase: Y4
 Rain: None Heavy Mod Light x hrs _____
 Wind: None Heavy Mod Light x hrs _____
 Temperature: _____
 Habitat:
 Canopy 0 1 2 3 4 5 6 7 8 9
 Understory 0 1 2 3 4 5 6 7 8 9
 Herbaceous 0 1 2 3 4 5 6 7 8 9
 Slope _____
 Water running pond (size _____ x _____)
 Distance from water _____
 Roosting site _____
MapIt!

Captures:		Rep.	Fight	
Sp.	Sex	Cond	Time	Height Direct
Plecotus	M		11:08pm	5' W
Eptesicus	F		11:08pm	5' W
Eptesicus	M		11:08pm	7' W

Locality: _____ Date: _____ / _____ 1999
 Numb. of nets: _____ x Length: _____ x open @ _____ closed @ _____ = _____ m/night
 Collectors: _____ Notes: _____

Moon phase: _____
 Rain: None Heavy Mod Light x hrs _____
 Wind: None Heavy Mod Light x hrs _____
 Temperature: _____
 Habitat:
 Canopy 0 1 2 3 4 5 6 7 8 9
 Understory 0 1 2 3 4 5 6 7 8 9
 Herbaceous 0 1 2 3 4 5 6 7 8 9
 Slope _____
 Water running pond (size _____ x _____)
 Distance from water _____
 Roosting site _____
MapIt!

Captures:		Rep.	Fight	
Sp.	Sex	Time	Cond	Height Direct

Cover classes:

0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-99%.

MONGOLIA PHYSIOGNOMY DATA SHEET

Locality Gorkhi-Tevl, NP. ... ~~Bundhwa Mt?~~ ; Vegetation Type Larch forest, grassy meadow

Long. _____ Lat. _____ Elev. _____ Date 9 July 1999

Weather: sunny partly sunny cloudy rain Temp: Noon _____ Max _____ Min _____

Trapline No(s) <u>VB-1</u>			
Category	Cover Class	Average Height/units	Dominant Species
Overstory	0 1 <u>2</u> 3 4 5 6 7 8 9	<u>7m</u>	<u>Larch, birch</u>
Understory	<u>0</u> 1 2 3 4 5 6 7 8 9	<u>2m</u>	_____
Herbaceous	0 1 2 3 4 5 6 <u>7</u> 8 9	<u>15 cm</u>	_____
Litter	<u>0</u> 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	<u>0</u> 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	<u>25°</u>	_____	_____

Trap #:	NK number	Species	Ecol. data
1	100509	<u>Cricetulus barabensis</u>	} Both caught under boulders near burrow openings. Larch also.
40	100505	<u>Cricetulus barabensis</u>	

Trapline No(s) <u>DST-1</u>			
Category	Cover Class	Average Height/units	Dominant Species
Overstory	0 1 2 <u>3</u> 4 5 6 7 8 9	<u>6-10m</u>	<u>Larch, birch</u>
Understory	<u>0</u> 1 2 3 4 5 6 7 8 9	_____	<u>rare shrub</u>
Herbaceous	0 1 2 3 <u>4</u> 5 6 7 8 9	<u>15cm</u>	_____
Litter	<u>0</u> 1 2 3 4 5 6 7 8 9	_____	<u>Boulders</u>
Bare soil/rock	0 1 <u>2</u> 3 4 5 6 7 8 9	_____	_____
Average slope	<u>20°</u>	_____	_____

Trap #:	NK number	Species	Ecol. data
4	100508	<u>Clethrionomys rutilus</u>	} all caught under boulders with burrows, under or surrounded by larch + birch
32	100504	<u>Clethrionomys rutilus</u>	
34	100507	<u>Clethrionomys rutilus</u>	
12 July 33	100521	<u>Clethrionomys rutilus</u>	
31	100517	<u>Clethrionomys rutilus</u>	
5	100522	<u>Clethrionomys rutilus</u>	
14 July 35	100526	<u>Clethrionomys rutilus</u>	
3	100528	<u>Clethrionomys rutilus</u>	
11	100531	<u>Cricetulus barabensis</u>	
13 July 33	100566	<u>Clethrionomys rufocanus</u>	
34	100568	<u>Clethrionomys rufocanus</u>	

Cover classes: 0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-99%.

MONGOLIA PHYSIOGNOMY DATA SHEET

Locality Gorkhi Terelj N.P. ; Vegetation Type Forest steppe

Long. _____ Lat. _____ Elev. _____ Date 9 July

Weather: sunny partly sunny cloudy rain Temp: Noon _____ Max _____ Min _____

Trapline No(s) <u>JLD-1</u>			
Category	Cover Class	Average Height/units	Dominant Species
Overstory	① 1 2 3 4 5 6 7 8 9	<u>8 m</u>	<u>Larch</u>
Understory	① 1 2 3 4 5 6 7 8 9	<u>10-20 cm</u>	<u>grass, forbs, wild flowers</u>
Herbaceous	0 1 2 3 4 5 6 7 8 9	↓	↓
Litter	① 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	① 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	<u>40°</u>	_____	_____

Trap #:	NK number	Species	Ecol. data
<u>JLD-2</u>	<u>100510</u>	<u>Cricetulus barabensis</u>	<u>Base of boulder. 1 1/2" dia. hole next to trap. no overstory. 5cm herbaceous 100% cover.</u>
<u>10 July</u>			
<u>32</u>	<u>100523</u>	<u>Cricetulus barabensis</u>	<u>mine tailing pile on mountain side under birch tree. 50° slope 95% bare ground</u>
<u>37</u>	<u>100518</u>	<u>Clethrionomys rufocanus <u>rufocanus</u></u>	<u>tailing pile, on level ground at top. 40% overstory herbaceous slope only 1m away.</u>

Trapline No(s) <u>JSB-1</u>			
Category	Cover Class	Average Height/units	Dominant Species
Overstory	0 1 2 3 ④ 5 6 7 8 9	<u>10 m</u>	<u>Larch + Birch</u>
Understory	0 ① 2 3 4 5 6 7 8 9	<u>30m 1-2m</u>	<u>Larch + other</u>
Herbaceous	0 1 2 3 4 5 6 7 8 ⑨	<u>20-30cm</u>	<u>several spp.</u>
Litter	0 1 2 3 4 5 ⑥ 7 8 9	<u>10-15cm</u>	<u>Brocthylenus</u>
Bare soil/rock	0 ① 2 3 4 5 6 7 8 9	_____	_____
Average slope	<u>35-40°</u>	_____	_____

Trap #:	NK number	Species	Ecol. data
<u>9 July</u>			
<u>JSB-1</u>	<u>100506</u>	<u>C. rufocanus <u>C. rufocanus</u></u>	<u>Under boulder, in creek. Very dry ground, but around Boulders</u>
<u>10 July</u>			<u>lots of litter (moleh over 30m) Big boulders</u>
<u>7.10.1</u>	<u>100524</u>	<u>Cricetulus barabensis</u>	<u>First trap - on very first base tree from grass land to forest. on top of big boulder</u>
<u>11 July</u>			<u>near long grassy meadow</u>
<u>12 July</u>			

MONGOLIA PHYSIOGNOMY DATA SHEET

Locality Gorkhi Terelj National Park ; Vegetation Type talus slope / Forest steppe

Long. _____ Lat. _____ Elev. _____ Date 10 July 1999

Weather: sunny partly sunny cloudy rain Temp: Noon _____ Max _____ Min _____

9 July

Category	Cover Class	Trapline No(s)	Average Height/units	Dominant Species
Overstory	0 ① 2 3 4 5 6 7 8 9	<u>Ochotona</u> by sling shot (JSB)	<u>5 m</u>	<u>larch, birch, populus</u>
Understory	① 1 2 3 4 5 6 7 8 9		<u>1 m</u>	
Herbaceous	① 1 2 3 4 5 6 7 8 9			
Litter	① 1 2 3 4 5 6 7 8 9			
Bare soil/rock	0 1 2 3 4 5 6 7 8 ⑨			
Average slope	<u>30°</u>			

Trap #:	NK number	Species	Ecological data
	<u>100501</u>	<u>Ochotona hyperborea</u>	<u>in talus slope, surrounded by grassy meadow</u> <u>shot at ca. 5 or 5:30 pm</u>

Category	Cover Class	Trapline No(s)	Average Height/units	Dominant Species
Overstory	① 1 2 3 4 5 6 7 8 9			
Understory	① 1 2 3 4 5 6 7 8 9			
Herbaceous	0 1 2 3 4 5 6 7 8 ⑨		<u>20m</u>	<u>various herbs. Artemisia -</u>
Litter	① 1 2 3 4 5 6 7 8 9			
Bare soil/rock	① 1 2 3 4 5 6 7 8 9			
Average slope				

Trap #:	NK number	Species	Ecological data
	<u>100511</u>	<u>Myospalax aspalax</u>	<u>trapped using MacAbbey trap.</u> <u>animal caught 2 hrs. after trap</u> <u>was set. caught by the stomach</u> <u>(skin + muscle) while she was facing</u> <u>the tunnel. Was fed carrots, which</u> <u>ate quite well.</u>

MONGOLIA PHYSIOGNOMY DATA SHEET

Locality Töv; Gorkhi Terdj N.P.; Vegetation Type forest steppe

Long. _____ Lat. _____ Elev. _____ Date _____

Weather: sunny partly sunny cloudy rain Temp: Noon _____ Max _____ Min _____

Category	Cover Class	Trapline No(s) <u>Tamias NBO</u>	Average Height/units	Dominant Species
Overstory	0 1 2 3 4 5 6 7 8 9		_____	_____
Understory	0 1 2 3 4 5 6 7 8 9		_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9		_____	_____
Litter	0 1 2 3 4 5 6 7 8 9		_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 8 9		_____	_____
Average slope	_____			

Trap #:	NK number	Species	Ecol. data
<u>shot</u>		<u>Tamias sibirica</u>	

Category	Cover Class	Trapline No(s) <u>Forest shrew Array (pitfall ~ 7m - 10m/side)</u>	Average Height/units	Dominant Species
Overstory	0 1 2 3 4 5 6 7 8 9		<u>7m</u>	<u>larch + birch</u>
Understory	0 1 2 3 4 5 6 7 8 9		_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9		_____	<u>grass, forbs</u>
Litter	0 1 2 3 4 5 6 7 8 9		_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 8 9		_____	_____
Average slope	<u>20%</u>			

Trap #:	NK number	Species	Ecol. data
	<u>100519</u>	<u>Sorex sp.</u>	

Cover classes: 0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-99%.

MONGOLIA PHYSIOGNOMY DATA SHEET

Locality Mongolia: Övörkhangay; Ulaan Tsutgalan ; Vegetation Type _____

Long. _____ Lat. _____ Elev. _____ Date 17 July 1999

Weather: sunny partly sunny cloudy rain Temp: Noon _____ Max _____ Min _____

Category	Cover Class	Trapline No(s) <u>DST-1</u> Average Height/units	Dominant Species
Overstory	① 1 2 3 4 5 6 7 8 9	_____	_____
Understory	① 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 ⑨	_____	_____
Litter	① 1 2 3 4 5 6 7 8 9	<u>3 cm</u>	<u>grass</u>
Bare soil/rock	① 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	<u>0%</u>	_____	_____

Trap #: _____ NK number _____ Species _____ Ecol. data _____
no captures

Category	Cover Class	Trapline No(s) <u>DST-2</u> Average Height/units	Dominant Species
Overstory	① 1 2 3 4 5 6 7 8 9	_____	_____
Understory	① 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 4 ⑤ 6 7 8 9	_____	<u>grass</u>
Litter	① 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	0 1 2 3 4 ⑤ 6 7 8 9	<u>rock piles ≈ 75m</u>	_____
Average slope	<u>0%</u>	_____	_____

Trap #: _____ NK number _____ Species _____ Ecol. data _____
no captures

Cover classes: 0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-99%.

MONGOLIA PHYSIOGNOMY DATA SHEET

Locality Mongolia: Övörkhangay Ulaan Tsatgalan; Vegetation Type _____

Long. _____ Lat. _____ Elev. _____ Date 17 July 99

Weather: sunny partly sunny cloudy rain Temp: Noon _____ Max _____ Min _____

Trapline No(s) MSB-1

Category	Cover Class	Average Height/units	Dominant Species
Overstory	① 1 2 3 4 5 6 7 8 9	_____	_____
Understory	① 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9	<u>10 cm</u>	_____
Litter	① 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	① 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	<u>0%</u>		

Trap #: _____ NK number _____ Species Alactaga Ecol. data in grassy field near tents.

Trapline No(s) MSB-2

Category	Cover Class	Average Height/units	Dominant Species
Overstory	① 1 2 3 4 5 6 7 8 9	_____	_____
Understory	① 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9	_____	_____
Litter	① 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	<u>0%</u>		

Trap #: _____ NK number _____ Species _____ Ecol. data no captures - line picked up on 18 July.
Trapline set in rockpiles in grassy slopes.

Cover classes: 0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-99%.

MONGOLIA PHYSIOGNOMY DATA SHEET

Locality Mongolia: Töv: 7km 4km Erdeneant; Vegetation Type _____

Long. _____ Lat. _____ Elev. _____ Date 15 July 99

Weather: sunny partly sunny cloudy rain Temp: Noon _____ Max _____ Min _____

Category	Cover Class	Trapline No(s) <u>MSA-1</u>	Average Height/units	Dominant Species
Overstory	① 1 2 3 4 5 6 7 8 9		_____	_____
Understory	0 ① 2 3 4 5 6 7 8 9		<u>≈ 2m</u>	_____
Herbaceous	0 1 2 3 ④ 5 6 7 8 9		_____	_____
Litter	① 1 2 3 4 5 6 7 8 9		_____	_____
Bare soil/rock	0 1 2 3 ④ 5 6 7 8 9		_____	_____
Average slope	<u>10-15%</u>			

Trap #: _____ NK number _____ Species _____ Ecol. data _____

no captures: trapline set up in rock piles with a few stunted, shrubby trees.

Category	Cover Class	Trapline No(s) <u>DST-1</u>	Average Height/units	Dominant Species
Overstory	① 1 2 3 4 5 6 7 8 9		_____	_____
Understory	0 ① 2 3 4 5 6 7 8 9		<u>30cm</u>	<u>shrubs</u>
Herbaceous	0 1 2 3 ④ 5 6 7 8 9		_____	_____
Litter	① 1 2 3 4 5 6 7 8 9		_____	_____
Bare soil/rock	0 1 2 3 ④ 5 6 7 8 9		_____	_____
Average slope	<u>0%</u>			

Trap #: _____ NK number _____ Species _____ Ecol. data _____

Meriones unguiculatus All captured out in open grass/bare soil
M. unguiculatus
M. unguiculatus
M. unguiculatus

Cover classes: 0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-99%.

MONGOLIA PHYSIOGNOMY DATA SHEET

Locality Mongolia: Dörkhongay Ulaan Tsutgalan ; Vegetation Type steppe

Long. 101° 57' 47" Lat. 46° 47' 13" Elev. 1850m Date 18 July 1999 / 19 July

Weather: sunny partly sunny cloudy rain Temp: Noon ___ Max ___ Min ___

Trapline No(s) <u>JLD-1</u>			
Category	Cover Class	Average Height/units	Dominant Species
Overstory	① 1 2 3 4 5 6 7 8 9	_____	_____
Understory	① 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 4 5 6 ⑧ 8 9	<u>.2 m</u>	<u>grass, edelweiss, forbes, Artemisia</u>
Litter	① 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	0 1 2 3 4 ⑤ 6 7 8 9	_____	_____
Average slope	<u>0°</u>	_____	<u>40 shermans</u>
Trap #:	NK number	Species	Ecol. data
			<u>All traps in and around lava rock outcroppings in steppe.</u>

Trapline No(s) <u>JLD-2</u>			
Category	Cover Class	Average Height/units	Dominant Species
Overstory	① 1 2 3 4 5 6 7 8 9	_____	_____
Understory	① 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 4 5 6 ⑧ 8 9	<u>.2 m</u>	<u>grass, edelweiss, forbes, Artemisia</u>
Litter	0 1 2 3 4 ⑤ 6 7 8 9	_____	_____
Bare soil/rock	① 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	<u>0°</u>	_____	<u>40 shermans</u>
Trap #:	NK number	Species	Ecol. data
			<u>All traps set in and around lava rock outcroppings in steppe.</u>

Cover classes: 0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-99%.

MONGOLIA PHYSIOGNOMY DATA SHEET

Locality Mongolia: Töv; 7 km W, 4 km N of Erdeneant ; Vegetation Type steppe

Long. 102°24'44" E Lat. 47°20'34" N Elev. 1284 m Date 16 July

Weather: sunny partly sunny cloudy rain Temp: Noon ___ Max ___ Min ___

Trapline No(s) <u>JL0-1</u>			
Category	Cover Class	Average Height/units	Dominant Species
Overstory	0 1 2 3 4 5 6 7 8 9	_____	_____
Understory	0 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9	<u>.05 m</u>	<u>grass Antennaria</u>
Litter	0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	<u>0°-15°</u>	_____	_____

Trap #:	NK number	Species	Ecol. data
<u>Ø</u>			

All traps set in rock outcrop and steppe.

Trapline No(s) <u>CP-1</u>			
Category	Cover Class	Average Height/units	Dominant Species
Overstory	0 1 2 3 4 5 6 7 8 9	_____	_____
Understory	0 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9	<u>.05</u>	_____
Litter	0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	<u>0°</u>	_____	_____

Trap #:	NK number	Species	Ecol. data
		<u>Phodopus sungorus</u>	

All traps set in steppe

Cover classes: 0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-99%.

MONGOLIA PHYSIOGNOMY DATA SHEET

(The Gobi Camp)

Locality Mongolia: Övörkhangay, Ulzuy Uul; Vegetation Type Desert

Long. _____ Lat. _____ Elev. _____ Date 21-23 July 99

Weather: sunny partly sunny cloudy rain Temp: Noon too damn hot. Max _____ Min _____

Trapline No(s) MSB-1 and MSB-2

Category	Cover Class	Average Height/units	Dominant Species
Overstory	① 1 2 3 4 5 6 7 8 9	_____	_____
Understory	① 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 ④ 5 6 7 8 9	<u>< 15cm</u>	<u>Allium</u>
Litter	① 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	0 1 2 3 4 ⑤ 6 7 8 9	_____	_____
Average slope	<u>07.</u>	_____	_____

Trap #: _____ NK number _____ Species _____ Ecol. data _____

Caught only Rhodopus along these traplines ; *Barren desert, little vegetation. Many pebbles/rocks.*

Traplines set for 3 consecutive nights. (21-23 July)

Trapline No(s) _____

Category	Cover Class	Average Height/units	Dominant Species
Overstory	0 1 2 3 4 5 6 7 8 9	_____	_____
Understory	0 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9	_____	_____
Litter	0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	_____	_____	_____

Trap #: _____ NK number _____ Species _____ Ecol. data _____

Cover classes: 0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-99%.

MONGOLIA PHYSIOGNOMY DATA SHEET

(near Tumul (Zibun))

Locality Mongolia: TOV Gorkhi-Terelj; Vegetation Type Riparian

Long. _____ Lat. _____ Elev. _____ Date 30 July 99

Weather: sunny partly sunny cloudy rain Temp: Noon _____ Max _____ Min _____

Trapline No(s) <u>MSB-1</u>			
Category	Cover Class	Average Height/units	Dominant Species
Overstory	0 1 2 3 4 5 <u>6</u> 7 8 9	<u>low</u>	<u>Populus, Salix</u>
Understory	<u>0</u> 1 2 3 4 5 6 7 8 9	<u>20-</u>	_____
Herbaceous	0 1 2 <u>3</u> 4 5 6 7 8 9	<u>20-25cm</u>	_____
Litter	<u>0</u> 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	<u>0</u> 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	_____	_____	_____

Trap #:	NK number	Species	Ecol. data
<u>26 -</u>			<u>human disturbance (popular camping area in park. Riparian zone with thick grass in place.</u>
			<u>Mus? - Apodemus? (only 1 capture on 30 July)</u>

Trapline No(s) _____			
Category	Cover Class	Average Height/units	Dominant Species
Overstory	0 1 2 3 4 5 6 7 8 9	_____	_____
Understory	0 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9	_____	_____
Litter	0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	_____	_____	_____

Trap #:	NK number	Species	Ecol. data

MONGOLIA PHYSIOGNOMY DATA SHEET

(Gravard en route to Gobi)

Locality Mongolia: övörkhangay ; Vegetation Type Steppe

Long. _____ Lat. _____ Elev. _____ Date 20-21 July 99

Weather: sunny partly sunny cloudy rain Temp: Noon _____ Max _____ Min _____

Trapline No(s) MSB-1

Category	Cover Class	Average Height/units	Dominant Species
Overstory	0 1 2 3 4 5 6 7 8 9	_____	_____
Understory	0 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9	<u>< 7cm</u>	<u>?</u>
Litter	0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	_____		

Trap #:	NK number	Species	Ecol. data
			<u>overgrazed grassland. some traps also set near exposed rocky outcrop.</u>
		<u>1 Alticola sp.</u>	

Trapline No(s) _____

Category	Cover Class	Average Height/units	Dominant Species
Overstory	0 1 2 3 4 5 6 7 8 9	_____	_____
Understory	0 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9	_____	_____
Litter	0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	_____		

Trap #:	NK number	Species	Ecol. data

Cover classes: 0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-99%.

MONGOLIA PHYSIOGNOMY DATA SHEET

Locality Mongolia; Төв: 7 Km W, 4 Km N of Erdeneoant; Vegetation Type steppe.
 Long 103°24'44" E Lat. 47°20'34" Elev. 1284 Date 16 July
 Weather: sunny partly sunny cloudy rain Temp: Noon ___ Max ___ Min ___

Trapline No(s) <u>SSB-1</u>			
Category	Cover Class	Average Height/units	Dominant Species
Overstory	① 0 1 2 3 4 5 6 7 8 9	_____	_____
Understory	① 0 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 ③ 4 5 6 7 8 9	<u>5 cm</u>	<u>Stipa grass + some small forbs.</u>
Litter	① 0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 ⑧ 9	_____	_____
Average slope	<u>< 30°</u>	_____	_____

Trap #:	NK number	Species	Ecol. data
SSB 1		} <i>Mentha unguiculata</i>	trapped under rocks/biz boulder almost no vegetation around (near 4 m)
SSB 2			

Trapline No(s) _____			
Category	Cover Class	Average Height/units	Dominant Species
Overstory	0 1 2 3 4 5 6 7 8 9	_____	_____
Understory	0 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9	_____	_____
Litter	0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	_____	_____	_____

Trap #:	NK number	Species	Ecol. data

Cover classes: 0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-99%.

MONGOLIA PHYSIOGNOMY DATA SHEET

Locality Mongolia: Övörkhangay: Ulaan Tsutungalun ; Vegetation Type steppe + forest

Long. _____ Lat. _____ Elev. _____ Date 17 July

Weather: sunny partly sunny cloudy rain Temp: Noon _____ Max _____ Min _____

Category	Cover Class	Trapline No(s) _____		Dominant Species
		Average Height/units		
Overstory	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Understory	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Litter	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Average slope	_____			

Trap #:	NK number	Species	Ecol. data

Category	Cover Class	Trapline No(s) _____		Dominant Species
		Average Height/units		
Overstory	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Understory	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Litter	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Average slope	_____			

Trap #:	NK number	Species	Ecol. data

Cover classes: 0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-99%.

MONGOLIA PHYSIOGNOMY DATA SHEET

(Graveyard en route to 606.)

Locality Mongolia: Övörzhangay ; Vegetation Type Steppe

Long. _____ Lat. _____ Elev. _____ Date 20-21 July

Weather: sunny partly sunny cloudy rain Temp: Noon _____ Max _____ Min _____

Category	Cover Class	Trapline No(s) <u>DST-1</u>		Dominant Species
		Average Height/units		
Overstory	① 1 2 3 4 5 6 7 8 9	_____	_____	_____
Understory	① 1 2 3 4 5 6 7 8 9	_____	_____	_____
Herbaceous	0 1 2 ③ 4 5 6 7 8 9	_____	_____	<u>grass</u>
Litter	① 1 2 3 4 5 6 7 8 9	_____	_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 ⑧ 9	_____	_____	_____
Average slope	_____	_____	_____	_____

Trap #:	NK number	Species	Ecol. data
		<u>Ochotona</u>	<u>open bare ground</u> <u>All traps set in and around large rocky outcrop.</u>

Category	Cover Class	Trapline No(s) _____		Dominant Species
		Average Height/units		
Overstory	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Understory	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Litter	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 8 9	_____	_____	_____
Average slope	_____	_____	_____	_____

Trap #:	NK number	Species	Ecol. data

MONGOLIA PHYSIOGNOMY DATA SHEET

(near Tuul river)

Locality Mongolia: Töv; Gorkhi-Terelj, Bank of Tuul^{river}; Vegetation Type Riparian

Long. 107°20'E Lat. 47°49'N Elev. 1383 Date 30 July 99

Weather: sunny partly sunny cloudy rain Temp: Noon ___ Max ___ Min ___

Category	Cover Class	Trapline No(s)	Average Height/units	Dominant Species
Overstory	0 1 2 3 4 5 <u>6</u> 7 8 9		<u>10m</u>	<u>Populus, Salix</u>
Understory	<u>0</u> 1 2 3 4 5 6 7 8 9			
Herbaceous	0 1 2 3 4 5 6 7 <u>8</u> 9		<u>10-20cm</u>	
Litter	0 <u>1</u> 2 3 4 5 6 7 8 9			
Bare soil/rock	0 <u>1</u> 2 3 4 5 6 7 8 9			
Average slope	<u>0%</u>			

Trap #:	NK number	Species	Ecol. data
1		<u>Cricetellus barabensis</u>	50 x 300 m forest patch bordering river. Populus camping area: high disturbance → small arroyo, tall grass, trees on bank open grass, Populus surrounding base off Populus
21		<u>Mus musculus</u>	
27		<u>C. barabensis</u>	

Category	Cover Class	Trapline No(s)	Average Height/units	Dominant Species
Overstory	0 1 2 3 4 5 6 7 8 9			
Understory	0 1 2 3 4 5 6 7 8 9			
Herbaceous	0 1 2 3 4 5 6 7 8 9			
Litter	0 1 2 3 4 5 6 7 8 9			
Bare soil/rock	0 1 2 3 4 5 6 7 8 9			
Average slope				

Trap #:	NK number	Species	Ecol. data

Cover classes: 0 = 0-9%; 1 = 10-19%; 2 = 20-29%; 3 = 30-39%; 4 = 40-49%; 5 = 50-59%; 6 = 60-69%; 7 = 70-79%; 8 = 80-89%; 9 = 90-99%.

MONGOLIA PHYSIOGNOMY DATA SHEET

(Gobi Desert Camp)

Locality Mongolia: Övörkhangay: Ulzuyt Uul ; Vegetation Type Desert

Long. _____ Lat. _____ Elev. _____ Date 21-23 July 99

Weather: sunny partly sunny cloudy rain Temp: Noon _____ Max _____ Min _____

Trapline No(s) <u>DST1+2</u>			
Category	Cover Class	Average Height/units	Dominant Species
Overstory	① 1 2 3 4 5 6 7 8 9	_____	_____
Understory	① 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 ④ 5 6 7 8 9	<u>415cm</u>	<u>Allium</u>
Litter	① 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	0 1 2 3 4 ⑤ 6 7 8 9	_____	_____
Average slope	<u>0%</u>	_____	_____
Trap #:	NK number	Species	Ecol. data
			<u>barren desert, only sparse onion, lots of rock/bare soil</u>

Trapline No(s) _____			
Category	Cover Class	Average Height/units	Dominant Species
Overstory	0 1 2 3 4 5 6 7 8 9	_____	_____
Understory	0 1 2 3 4 5 6 7 8 9	_____	_____
Herbaceous	0 1 2 3 4 5 6 7 8 9	_____	_____
Litter	0 1 2 3 4 5 6 7 8 9	_____	_____
Bare soil/rock	0 1 2 3 4 5 6 7 8 9	_____	_____
Average slope	_____	_____	_____
Trap #:	NK number	Species	Ecol. data

Trap Tally Form

Mongolia

State: Jov Park: Gorkhi-Terelj

Date: 9 July 1999

Trapline Number	Number Traps		Number Captures		Sprung/Empty		Traps Missing		Comments
	Sherman	Tomahk	Sher	Tom	Sher	Tom	Sher	Tom	
SB-1	40	0	2	-	-	-	-	-	2 Cricetulus, both caught under boulders near birch
DST-1	40	0	3	-	-	-	-	-	3 Clethrionomys, all under boulders, under larch or birch
SLD-1	40	0	1	-	-	-	-	-	1 mus Cricetulus barabensis
JSB-1	40	0	1	-	0	0	0	0	1 Clethrionomys, under big boulder on side of deep gully creek
NB0-1	40	0	0	-	0	0	0	0	-
DST1	37	0	3	-	0	0	0	0	3 Clethrionomys, all under boulders under larch or birch
SLD 1	39	1	2	0	0	0	0	0	1 Cricetulus, 1 Clethrionomys under birch trees on mine tailings slope.
SLD 2	20 Long	4	2	0	0	0	0	0	1 Apodemus, 1 Clethrionomys mus in Talus slope
NB0-1	38	-	1	-	0	0	0	0	1 Clethrionomys under birch trees, near edge of forest
SB-1	39 sh	2	1	0	0	0	0	0	1 Cricetulus, forest edge, in hollow, close to larch
JO 1	40	0	0	-	0	0	0	0	-
MSB 1 - 2 captures	38	0	0	-	-	11	0	0	0
DST-1	34	0	3	-	0	0	0	0	2 Clethrionomys, 1 Cricetulus along boulders under birch
NB01	39	0	4	0	5	0	0	0	1 Apodemus, under rock among birch and larch
JO 1	36	0	0	0	33	0	0	0	-
SLD-1	37	1	0	0	0	0	0	0	-
SLD-2	18	4	3	0	0	0	0	0	1 Ak, 1 Apodemus, 1 Clethrionomys in Talus slope
MSB-1	36	0	0	0	0	0	0	0	-
JSB-1	38	2	0	0	8	1	0	1	-
MSB-1	38	0	7	-	0	0	0	0	0
JO-1	38	-	7	-	-	12 July 1999	-	-	3 Apodemus small ravine rocks 4 Apod. rock and populus,
NB0-1	38	-	1	-	5	-	-	-	1 Apodemus bottom of larch, forest edge
JO 1	37	1	0	0	2	0	-	-	-
SLD 2	15	4	0	0	2	0	0	0	-
MSB 1	36	0	1	0	-	-	-	-	1 Cricetulus barabensis, in ravine w/ boulders
DST 1	31	0	0	-	1	-	0	-	-
JSB-1	38	1	4	0	2	-	0	0	1 Apodemus, 1 Cricetulus, 2 Clethrionomys under rocks

Trap Tally Form

Mongolia

State: *Tov* Park: *Gorkhi-Teev* Date: *13 July 1999*

Trapline Number	Number Traps		Number Captures		Sprung/Empty		Traps Missing		Comments
	Sherman	Tomahk	Sher	Tom	Sher	Tom	Sher	Tom	
DST-1	40	0	2	-	0	-	0	-	2 Clethrionomys under boulders under Birch larch
JLD-1	37	1	1	0	0	0	0	0	1 Cricetulus on large boulder under large larch
NBB-1	35	0	1	0	1	0	0	0	1 Cricetulus in grassy ravine
JO-1	33	-	1	-	-	-	0	-	1 Apodemus under rock
NBO-1	37	-	1	-	-	-	1	-	1 Clethrionomys larch, edge forest
JSA-1	36	1	1	1	2	0	0	0	1 Apodemus peninsulae: Base of small ravine, small
SJD-2	15	4	2	0					2 Apodemus peninsulae - talus

Base of Birch

Trap Tally Form

Mongolia: Övörkhangay

State Park: Olan Tsutgalan.

Date: 18 July 1999

46°47'13" N, 101°57'47" E. 1850m.

Trapline Number	Number Traps		Number Captures		Sprung/Empty		Traps Missing		Comments
	Sherman	Tomahk	Sher	Tom	Sher	Tom	Sher	Tom	
DST-1	40	0	0	-	0	-	0	-	
DST-2	40	0	0	-	0	-	0	-	
JLD-1	40	0	11	-	10	-	0	0	morning 2 <i>Alticola semicanus</i> 2 <i>Stopodromys brandi</i>
JLD-2	30 long	0	6	-	8	-	0	0	11:20pm 1 <i>Alticola</i> 3 <i>Spermophilus</i>
Brand	20	0	1	-	0	-	0	-	3:00pm 1 <i>Alticola</i> 2 <i>Spermophilus</i>
JSB-1	40	0	2	+	0	-	0	-	1 <i>Ocotona daurica</i>
SG	40	0	-	-	0	-	0	-	1 <i>Cricetulus barakensis</i> + 1 ? among rocks
NB-1	40	0	2	0	1	0	0	-	2 <i>Clethrionomys rufocanus</i> under rocks
NB-2	10	4	-	1	0	0	0	0	1 <i>Spermophilus undulatus</i>
MSB-1	40	-	1	-	2 Sprung	-	0	0	1 <i>Allactaga sibirica</i> - <i>bullata</i>
MSB-2	40	-	0	-	0	-	0	-	
JO-1	40	-	-	-	-	-	1	-	
TLY/SLG	70	4							
19 July 1999									
JLD-1	29	-	1	-	3	-	0	0	1 <i>Alticola semicanus</i>
JLD-2	24	-	0	-	2	-	0	-	0
Grid	509	-	7	-	-	-	0	0	1 <i>Cricetulus cricetus</i> , 6 <i>S. undulatus</i>
TLY/SLG	70	2	2	-	-	-	-	-	1 <i>Apodemus</i> , 1 <i>Ocotona</i>
CP	80	-	16	-	0	-	0	-	16 <i>Alticola semicanus</i>
20 July 1999									
JLD 1	28	-							2 <i>Alticola</i> 7 <i>S. undulatus</i> (released 5) (200/2 combined)
JLD 2	24	-							
TLY/SLG	35	2	1						1 <i>Clethrionomys rufocanus</i>

120
20
74
215
509

Trap Tally Form

Mongolia: Övörkhangay

State:

Park: Khetsuugiin Övөр

Date: 21 July 1999

46° 35' 56" N, 102° 43' 07" E. 2000 m

Trapline Number	Number Traps		Number Captures		Sprung/Empty		Traps Missing		Comments
	Sherman	Tomahk	Sher	Tom	Sher	Tom	Sher	Tom	
JSD 1	40 Long	-	0	-	0	-	0	-	
NBD 1	39	-	2	-	0	-	0	-	2 <i>Attecola semicanus</i>
MSB 1	40	-	1	-					1 <i>Attecola semicanus</i>
Ost 1	40	4	1	0	0	0	0	0	1 <i>Ochotona daurica</i>
JO 1	40	-	0	-	0	-	0	-	
ILY 1	12 long	-	0	-	0	-	0	-	
JSB 1	40	-	0	-	0	-	0	-	
	40	-	0	-	0	-	0	-	
NBP	shot		1 <i>Marmota</i>						
SLG	"		1 <i>Ochotona</i>						

Trap Tally Form

Mongolia: Övörkhangay;

State: Park: Uziyt vol Date: 22 July 1999

44° 41' 09" N, 102° 00' 57" E 1640

Trapline Number	Number Traps		Number Captures		Sprung/Empty		Traps Missing		Comments
	Sherman	Tomahk	Sher	Tom	Sher	Tom	Sher	Tom	
50	40	-	0	-	0	-	0	-	
JLD1	20	2	1	0	0	0	0	0	1 <i>Meriones unguiculatus</i>
JLD2	30 long	-	0	-	0	-	0	-	
JSSB	40/22 long	-	2	-	0	-	0	-	1 <i>Meriones unguiculatus</i> , 1 <i>Phodopus roborovskii</i>
Dst	40	-	1	-	0	-	0	-	<i>Meriones meridianus</i>
MSD	40	-	2	-	0	-	0	-	2 <i>Phodopus roborovskii</i>
TL4/SL6	-	16	1	0	-	1	1	0	<i>Hemicchinus</i>
NB0	40	4	1	1					1 <i>Ernaceus auritus</i>
JD	40		0		0		0		
NB0	1 <i>Atlastoga</i> by hand								<i>A. sibirica</i>
JSSB 2	4	-	2						2 <i>Meriones</i> in PM
JSSB	10 macabie		D						1 <i>Ellobius</i>

Trap Tally Form

Mongolia: Övөрkhангай, Улзыт үүл

State: _____ Park: 44° 41' 09" N, 102° 00' 57" E 1/4 Date: 23 July 1999

Trapline Number	Number Traps		Number Captures		Sprung/Empty		Traps Missing		Comments
	Sherman	Tomahk	Sher	Tom	Sher	Tom	Sher	Tom	
JLD 1	19	3	0	0	0	0	0	0	
JLD 2	29 Long	-	1	0	1	-	0	-	1 <i>Meriones unguiculatus</i>
JLD	by hand								1 ^{<i>Hemicchinus</i>} <i>Eutamias</i> <i>aureus</i>
MSB-1	38	-	2						2 <i>Phodopus roborovskii</i>
MSB-2	40	-	4						3 <i>Phodopus</i> , 1 bird
DST-1	40	-	0	-	1	-	0	0	
DST-2	40	-	1	-	0	-	0	-	1 <i>Phodopus roborovskii</i>
MTDS-1	160	18	5						S. Gardner, Jorge Salazar, T. Yates, Oicu
	80								In Mt. Drainage
	80								In Orion Zlood Plain
JSB-1	38/22 long		2 long						2 <i>Phodopus</i> , m grassland
NB0-1	40		1	-	1	-	-	-	1 <i>Phodopus roborovskii</i>
JO-1	40	-	-	-	1	-	-	-	
SSB 2	2		-		-				0
SSB	10 meadow		1						1 <i>Sillobius</i> sp.

Trap Tally Form

State: _____		Park: _____		Date: _____					
Traps Number	Number Traps		Number Captures		Sprung/Empty		Traps Missing		Comments
	Sherman	Tomahk	Sher	Tom	Sher	Tom	Sher	Tom	
TRU*1	40	3	3	0	0	0	0	0	2 <i>P. maniculatus</i> , 1 <i>Eutamias quadrivittatus</i>
RSG	40	3	4	0	0	0	0	0	2 <i>P. maniculatus</i> , 1 <i>N. cinerea</i> , 1 <i>M. longicaudus</i>
MAD	40	3	7	1	0	0	0	1	3 <i>P. maniculatus</i> , 2 <i>M. longicaudus</i> , 1 <i>P. gambelii</i>
CJC	40	3	9	0	0	0	0	0	2 <i>E. minimus</i> , 4 <i>M. longicaudus</i> , 1 <i>M. montanus</i> , 1 <i>C. gappelli</i> , 1 <i>P. maniculatus</i>
JMA	40	3	1	0	0	0	0	0	1 <i>P. maniculatus</i>
CJC-PM	40	3	5	0	1	0	0	0	2 <i>E. minimus</i> , 1 <i>M. longicaudus</i> , 2 <i>M. montanus</i>
JMA-PM	40	3	2	0	2	0	0	0	2 <i>E. minimus</i>
RSG-PM	40	3	5	0	4	0	0	0	1 <i>P. maniculatus</i> , 4 <i>Eutamias quadrivittatus</i>
TRU-PM	40	3	0	0	0	0	0	0	nothing
MAD-PM	38	2	4	0	1	0	0	1	2 <i>E. minimus</i> live <i>E. minimus</i> dead <i>P. maniculatus</i>
RSG	31	3	4	0	0	0	0	0	3 <i>P. maniculatus</i> , 1 <i>E. quadrivittatus</i>
TRU	40	3	2	0	2	0	0	0	1 <i>P. maniculatus</i> , 1 <i>E. quadrivittatus</i> (dead)
JMA	36	3	4	0	2	0	0	0	1 <i>N. cinerea</i> , <i>E. minimus</i> , <i>P. maniculatus</i> , <i>S. lateralis</i>
CJC	40	3	2	0	1	0	0	0	2 <i>P. maniculatus</i>
MAD	34	2	8	0	2	0	1	0	6 <i>P. maniculatus</i> (101) <i>N. cinerea</i> <i>M. longicaudus</i>

8/31

9/11

