

| Transect/point | Comments |
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SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 13NW Date Surveyed 7/19/99Surveyed / Recorded by K. Williams, D. L. Lohr

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|----|----|-----------------|-----|----|-----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 1 | 3 | AGSM | 30 | 8 | 9 | 24 | 17 | 3 | 0 | 0 | 1 | 48 | 4.6 | 7.3 | 73 | 69 | 58 | 185 | 190 | 19 | 107 |
| | | SPCO | 10 | | | | | | | | | | | | | | | | | | |
| | | LEDE | 1 | | | | | | | | | | | | | | | | | | |
| | | CHLE | 1 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 5 | | | | | | | | | | | | | | | | | | |
| | | SEHY | 25 | | | | | | | | | | | | | | | | | | |
| | | BIKE | 10 | | | | | | | | | | | | | | | | | | |
| | | Litt | 25 | | | | | | | | | | | | | | | | | | |
| | | LYJU | 1 | | | | | | | | | | | | | | | | | | |
| 1 | 4 | AGSM | 10 | 24 | 10 | 18 | 3 | 3 | 1 | 1 | 0 | 92 | 3.1 | 3.2 | 42 | 32 | 46 | 100 | 102 | 54 | 30 |
| | | SPCO | 1 | | | | | | | | | | | | | | | | | | |
| | | LEDE | 1 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 30 | | | | | | | | | | | | | | | | | | |
| | | Litt | 55 | | | | | | | | | | | | | | | | | | |

Transect/point: Comments BAR = 5%3. Same as 2 - Ant Hill

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb BW1 Date Surveyed 7/19/99Surveyed / Recorded by K. L. Anderson D. Adler ✓

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|-----------------|--------------|-------------------|------|----|-----------------|-----|----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 1 | 5 | AGSN | 35 | 53.6 | 27 | 64 | 8 | 4 | 0 | 0 | 0 | 1.61 | 6.105 | 14.8 | 59 | 55 | 53 | 107 | 104 | 54 | 30 |
| | | POGR | 5 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 1 | | | | | | | | | | | | | | | | | | |
| | | Litt | 5 | | | | | | | | | | | | | | | | | | |
| | | BAK | 55 | | | | | | | | | | | | | | | | | | |
| 1 | 6 | AGSN | 35 | 13 | 30 | 30 | 17 | 2 | 1 | 0 | 0 | 2.27 | 0 | 2.3 | 51.5 | 51.5 | 51 | 77 | 71 | 0 | 0 |
| | | LEDE | 1 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 5 | | | | | | | | | | | | | | | | | | |
| | | POGR | 10 | | | | | | | | | | | | | | | | | | |
| | | Litt | 45 | | | | | | | | | | | | | | | | | | |
| | | BAK | 5 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
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Transect/point Comments

5 gopher same as 4

Transect running W to E

Web 13NW Date Surveyed 7/19/99

Mammal Webs

Surveyed / Recorded by K. Wierman & D. J. ...

[illegible]

| Transect/point | Comments |
|----------------|----------|
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Lots of Old Graphs Mounds Near by

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb BAM Date Surveyed 7/19/99Surveyed / Recorded by K. L. Wardlaw & J. L. Clark

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|--------------|-----------|-------------------|----|----|-----------------|-----|----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 1 | 9 | ATCA | 55 | 16 | 157 | 175 | 16 | 1 | 1 | 0 | 0 | 0 | 0 | 1.9 | 96.7 | 76 | 78 | 125 | 125 | 0 | 0 |
| | | BOGA | 1 | | | | | | | | | | | | | | | | | | |
| | | AGEM | 15 | | | | | | | | | | | | | | | | | | |
| | | LIT | 20 | | | | | | | | | | | | | | | | | | |
| 1 | 10 | AGEM | 20 | 21.5 | 7 | 52 | 23 | 0 | 0 | 0 | 1 | 1.55 | 19.2 | 4.5 | 46 | 58 | 43 | 125 | 101 | 82 | 53 |
| | | BOGA | 15 | | | | | | | | | | | | | | | | | | |
| | | CHLE | 1 | | | | | | | | | | | | | | | | | | |
| | | LIT | 105 | | | | | | | | | | | | | | | | | | |
| | | BARE | 1 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
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Transect/point Comments

9 Ammonia, saw as 8

Stapp Field Studies / Small Mammal Webs/ Veg on Webs – data sheet

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SGS-LTER Monitoring Project
Vegetation on Small Mammal Webs

Web 13NW Date Surveyed 18 July 1999

Surveyed / Recorded by Geth Culkins, Sarah Sullivan

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|-----|----|-----------------|-----------|----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 2 | 1 | Amps | 5 | 13.5 | 23.5 | 16 | 15 | 1 | Ø | 1 | Ø | .67 | 1.9 | 4.75 | 56 | 43 | 44 | 50 110 | 46 130 | 63 | 24 |
| | | Lyju | 10 | | | | | | | | | | | | | | | | | | |
| | | Eref | 20 | | | | | | | | | | | | | | | | | | |
| | | Bogr | 35 | | | | | | | | | | | | | | | | | | |
| | | Litt | 30 | | | | | | | | | | | | | | | | | | |
| | | Bare | 1 | | | | | | | | | | | | | | | | | | |
| 2 | 2 | Arfr | 15 | 4 | 10 | 28 | 13 | 1 | Ø | Ø | 1 | .59 | 10.8 | 8.8 | 117 | 104 | 81 | 25 180 | 25 150 | 80 | 60 |
| | | Ardr | 1 | | | | | | | | | | | | | | | | | | |
| | | Spco | 5 | | | | | | | | | | | | | | | | | | |
| | | Lede | 1 | | | | | | | | | | | | | | | | | | |
| | | Lyju | 5 | | | | | | | | | | | | | | | | | | |
| | | Agsm | 10 | | | | | | | | | | | | | | | | | | |
| | | Bogr | 15 | | | | | | | | | | | | | | | | | | |
| | | Bare | 15 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

The top figure for ant mound dim. = mound, bottom # measures entire disturbance
The top figure for the ant mound dim is just the mound, the bottom figure is the mound and the disturbed area around the mound

SGS-LTER Monitoring Project
Vegetation on Small Mammal Webs

Web 13NW Date Surveyed 18 July 1999

Surveyed / Recorded by SC / SC

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|-----|-----|-----------------|-----------|----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 2 | 2 | Litt | 33 | | | | | | | | | | | | | | | | | | |
| 2 | 3 | Atca | 100 | 13 | 17 | 23.5 | 0 | 1 | 0 | 1 | 0 | 0 | 2.8 | 4 | 240 | 230 | 111 | 25 180 | 25 150 | 80 | 60 |
| 2 | 4 | Agsm | 50 | 9 | 16 | 81 | 0 | 1 | 0 | 0 | 0 | 1.14 | 8 | 8 | 127 | 62 | 81 | 40 135 | 35 90 | 50 | 20 |
| | | Lede | 5 | | | | | | | | | | | | | | | | | | |
| | | Bogr | 5 | | | | | | | | | | | | | | | | | | |
| | | Oppo | 5 | | | | | | | | | | | | | | | | | | |
| | | Bare | 15 | | | | | | | | | | | | | | | | | | |
| | | Litt | 20 | | | | | | | | | | | | | | | | | | |
| 2 | 5 | Bogr | 5 | 39.5 | 25 | 68 | 0 | 1 | 1 | 0 | 0 | 1.4 | / | 1.5 | 170 | 110 | 75 | 30 75 | 30 65 | / | / |
| | | Agsm | 50 | | | | | | | | | | | | | | | | | | |
| | | Litt | 35 | | | | | | | | | | | | | | | | | | |
| | | Bare | 10 | | | | | | | | | | | | | | | | | | |
| 2 | 6 | Spec | 5 | 28 | 9 | 22 | 1 | 2 | 0 | 0 | 0 | .42 | 8.35 | 12.2 | 82 | 61 | 52 | 40 100 | 30 90 | 25 | 15 |
| | | Lede | 1 | | | | | | | | | | | | | | | | | | |

Transect/point

Comments

2-3

Gopher + Ant mound same as those used at point 2-2. Atca comprised the majority of the circular meter around pt. 2-3

2-4

Lede was standing dead

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 13NW Date Surveyed 18 July 1999Surveyed / Recorded by SC/SQ

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|--------------|-----------|-------------------|----|----|-----------------|----------|----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 2 | 6 | Boggy | 35 | | | | | | | | | | | | | | | | | | |
| | | Agsm | 15 | | | | | | | | | | | | | | | | | | |
| | | Atca | 10 | | | | | | | | | | | | | | | | | | |
| | | Litt | 30 | | | | | | | | | | | | | | | | | | |
| | | Bare | 4 | | | | | | | | | | | | | | | | | | |
| 2 | 7 | Eref | 20 | 26 | 32 | 40 | 4 | 4 | Ø | Ø | Ø | .45 | 2.35 | 3.40 | 58 | 40 | 69 | 25 80 | 25 70 | 80 | 35 |
| | | Agsm | 10 | | | | | | | | | | | | | | | | | | |
| | | Oppr | 1 | | | | | | | | | | | | | | | | | | |
| | | Bogr | 5 | | | | | | | | | | | | | | | | | | |
| | | Mili | 5 | | | | | | | | | | | | | | | | | | |
| | | Thme | 1 | | | | | | | | | | | | | | | | | | |
| | | Lede | 1 | | | | | | | | | | | | | | | | | | |
| | | Bare | 10 | | | | | | | | | | | | | | | | | | |
| | | Litt | 47 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 13NW Date Surveyed 12 July 1999Surveyed / Recorded by SC/SR

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|----------------|--------------|-----------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|----|----|-----------------|----------|----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 2 | 8 | Lyju | 15 | 11 | 20 | 41 | 4 | 2 | 1 | 3 | 1 | 1.45 | 1.0 | 5 | 90 | 50 | 63 | 27 84 | 20 66 | 88 | 51 |
| | - | Kosc | 5 | | | | | | | | | | | | | | | | | | |
| | | Agsm | 15 | | | | | | | | | | | | | | | | | | |
| | | Bogr | 50 | | | | | | | | | | | | | | | | | | |
| | | LiH | 5 | | | | | | | | | | | | | | | | | | |
| 2 | 9 | Troc | 5 | 8 | 30 | 13 | 1 | Ø | Ø | Ø | Ø | 1.3 | 6.8 | 6.9 | 79 | 76 | 56 | 65 65 | 55 55 | 35 | 15 |
| | | Bogr | 70 | | | | | | | | | | | | | | | | | | |
| | | Bare | 10 | | | | | | | | | | | | | | | | | | |
| | | LiH | 15 | | | | | | | | | | | | | | | | | | |
| 2 | 10 | Agsm | 15 | 16 | 24.5 | 63 | 13 | Ø | Ø | 6 | 5 | 2.4 | 1.9 | 3.8 | 68 | 66 | 61 | 40 70 | 35 60 | 45 | 30 |
| | | Bogr | 15 | | | | | | | | | | | | | | | | | | |
| | | Pipa | 1 | | | | | | | | | | | | | | | | | | |
| | 22 | Unkn Forb | 1 | | | | | | | | | | | | | | | | | | |
| | | Bare | 20 | | | | | | | | | | | | | | | | | | |

Transect/point

Comments

2-8

Ant mound in 1m circular was an ant hill rather than a mound

2-9

Lemo-like was standing dead

2-9

Ant mound + disturbance around it were equal in size.

Web 13NW Date Surveyed 18 July 1999

Surveyed / Recorded by SC/SQ

[illegible]

| Transect/point | Comments |
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The center of the plot is at trap site 3. The bearing is 14°.

Stapp Field Studies / Small Mammal Webs/ Veg on Webs - data sheet

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SGS-LTER Monitoring Project
Vegetation on Small Mammal Webs

Web 13NW Date Surveyed 7-19-99

Surveyed / Recorded by Dave Honni, Leah Lentz
171

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|-----------------|--------------|-------------------|-----|----|-----------------|-----|----|-----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 3 | 1 | OP PO | 5 | 16 | 8 | 33 | 8 | — | — | — | — | 3.5 | 11.1 | 10.6 | 121 | 102 | 73 | 210 | 190 | 74 | 43 |
| | | BOGR | 20 | | | | | | | | | | | | | | | | | | |
| | | LITI | 30 | | | | | | | | | | | | | | | | | | |
| | | BARE | 15 | | | | | | | | | | | | | | | | | | |
| | | EREF | 25 | | | | | | | | | | | | | | | | | | |
| | | THIL | 1 | | | | | | | | | | | | | | | | | | |
| | | CH VI | 1 | | | | | | | | | | | | | | | | | | |
| 3 | 2 | EREF | 50 | 16 | 22 | 27 | 9 | 1 | — | 1 | 1 | .90 | 3.1 | 7.4 | 29 | 6 | 27 | 99 | 136 | 76 | 11 |
| | | SOCO | 1 | | | | | | | | | | | | | | | | | 70 | 110 |
| | | BOGR | 20 | | | | | | | | | | | | | | | | | | |
| | | ARIO | 5 | | | | | | | | | | | | | | | | | | |
| | | CHLE | 1 | | | | | | | | | | | | | | | | | | |
| | | PGSM | 5 | | | | | | | | | | | | | | | | | | |
| | | BARE | 20 | | | | | | | | | | | | | | | | | | |

Transect/point Comments .

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb BNW Date Surveyed 7-19-99Surveyed / Recorded by L. Lentz D. Hanni

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|-----------------|--------------|-------------------|----|----|-----------------|-----|----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 3 | 2 | LITT | 10 | | | | | | | | | | | | | | | | | | |
| 3 | 3 | → | → | 37 | 15 | 30 | 17 | 1 | - | 2 | 1 | 1.4 | 2.2 | 8.7 | 40 | 33 | 45 | 190 | 180 | 50 | 80 |
| | | ARFR | 60 | | | | | | | | | | | | | | | | | | |
| | | STCO | 5 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 5 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 10 | | | | | | | | | | | | | | | | | | |
| | | LITT | 10 | | | | | | | | | | | | | | | | | | |
| | | BARE | 10 | | | | | | | | | | | | | | | | | | |
| 3 | 4 | CHLE | 5 | 19 | 24 | 31 | 7 | 1 | - | 2 | 2 | .72 | 1.5 | 5 | 41 | 28 | 55 | 78 | 83 | 91 | 73 |
| | | EREF | 25 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 30 | | | | | | | | | | | | | | | | | | |
| | | BARE | 5 | | | | | | | | | | | | | | | | | | |
| | | LITT | 15 | | | | | | | | | | | | | | | | | | |
| | | STCO | 5 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 13NW Date Surveyed 7-19-99Surveyed / Recorded by L. Lentel D. Hanni

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|----|----|-----------------|----|-----|-----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 3 | 4 | PIOP | 5 | | | | | | | | | | | | | | | | | | |
| | | CAHE | 5 | | | | | | | | | | | | | | | | | | |
| | | THTR | 5 | | | | | | | | | | | | | | | | | | |
| 3 | 5 | SPCO | 5 | | | | | | | | | | | | | | | | | | |
| | | LIDI | 20 | | | | | | | | | | | | | | | | | | |
| | | BDGR | 30 | | | | | | | | | | | | | | | | | | |
| | | EREF | 10 | | | | | | | | | | | | | | | | | | |
| | | BORE | 10 | | | | | | | | | | | | | | | | | | |
| | | AGSM | 1 | | | | | | | | | | | | | | | | | | |
| | | litt. | 25 | 16 | 24 | 23 | 11 | 1 | — | 1 | 1 | .31 | 2.4 | 6.3 | 68 | 39 | 74 | .9 | .9 | 1.4 | 1.2 |
| 3 | 6 | OPPB | 10 | | | | | | | | | | | | | | | | | | |
| | | BDGR | 10 | | | | | | | | | | | | | | | | | | |
| | | AGSM | 30 | | | | | | | | | | | | | | | | | | |
| | | EREF | 15 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 13NW Date Surveyed 7/19/99Surveyed / Recorded by LL / DH

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|-----------------|--------------|-------------------|----|----|-----------------|-----|-----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 3 | 6 | LITT | 25 | | | | | | | | | | | | | | | | | | |
| 3 | | BAKE | 10 | 6.5 | 6.5 | 9.0 | 3 | 2 | 1 | 3 | — | .74 | 2.3 | 3.2 | 74 | 46 | 71 | 1.3 | 1.2 | .70 | .5 |
| 3 | 7 | EKEF | 40 | | | | | | | | | | | | | | | | | | |
| | | ASOX | 10 | | | | | | | | | | | | | | | | | | |
| | | PGSM | 10 | | | | | | | | | | | | | | | | | | |
| | | BOGA | 15 | | | | | | | | | | | | | | | | | | |
| | | LIDA | 1 | | | | | | | | | | | | | | | | | | |
| | | BAKE | 5 | | | | | | | | | | | | | | | | | | |
| | | LITT | 15 | 31 | 24 | 36 | 9 | — | — | — | 1 | 1.2 | 14.2 | 15.6 | 18 | 17 | 36 | 2.1 | 1.9 | .4 | .9 |
| 3 | 8 | AGSM | 25 | | | | | | | | | | | | | | | | | | |
| | | BOGA | 15 | | | | | | | | | | | | | | | | | | |
| | | EKEF | 5 | | | | | | | | | | | | | | | | | | |
| | | BAKE | 10 | | | | | | | | | | | | | | | | | | |
| | | LITT | 45 | 18 | 8 | 27 | 8 | 3 | — | 2 | 2 | .10 | 10.9 | 7.1 | 107 | 77 | 69 | 2.1 | 1.6 | .8 | .4 |

Transect/point Comments

SGS-LTER Monitoring Project
Vegetation on Small Mammal Webs

Web 13NW Date Surveyed 7/19/99

Surveyed / Recorded by DH/LL

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|-----------------|--------------|-------------------|----|-----|-----------------|-----|----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 3 | 9 | LEDI | 1 | | | | | | | | | | | | | | | | | | |
| | | AGDM | 5 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 60 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 1 | | | | | | | | | | | | | | | | | | |
| | | CILU | 1 | | | | | | | | | | | | | | | | | | |
| | | BAPE | 10 | | | | | | | | | | | | | | | | | | |
| | | LITT | 20 | 12 | 4 | 9 | 9 | - | - | - | 1 | 1.6 | 5.3 | 7.7 | 16 | 59 | 53 | 1.7 | 1.8 | | |
| 3 | 10 | BOGR | 65 | | | | | | | | | | | | | | | | | | |
| | | SPCN | 5 | | | | | | | | | | | | | | | | | | |
| | | THTR | 5 | | | | | | | | | | | | | | | | | | |
| | | BAPE | 10 | | | | | | | | | | | | | | | | | | |
| | | LITT | 15 | 34 | 15 | 37 | 3 | - | - | - | - | 1.8 | 9.7 | 8.2 | 1.1 | .9 | .75 | 1.5 | 1.4 | .7 | .4 |

Transect/point

Comments

9/1 3/9

Robert of PT 8

The center of this transect is at trap site 5. The bearing is 74°

Stapp Field Studies / Small Mammal Webs/ Veg on Webs - data sheet

Web 135W, p. 1 of 6

SGS-LTER Monitoring Project
Vegetation on Small Mammal Webs

Transect 1

Web 135W Date Surveyed 7/20/99

Surveyed / Recorded by DAVID HANDEL, DI LEIKER

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (m) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|----|------|----------------|-----|-----|-----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 1 | 1 | ARFR | 20 | 9 | 7 | 19.5 | 9 | 2 | — | — | — | .20 | 9.5 | 7.5 | 47 | 46 | 59.2 | 1.4 | 1.4 | 1.3 | 1.3 |
| | | SPCO | 10 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 5 | | | | | | | | | | | | | | | | | | |
| | | ERCP | 5 | | | | | | | | | | | | | | | | | | |
| | | LYGU | 5 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 5 | | | | | | | | | | | | | | | | | | |
| | | BRAL | 5 | | | | | | | | | | | | | | | | | | |
| | | LITT | 45 | | | | | | | | | | | | | | | | | | |
| 1 | 2 | BOGR | 1 | 7.1 | 27.9 | 30.8 | 11 | — | — | — | — | 2.3 | 11.05 | 6.6 | 64 | 53 | 56.5 | 1.0 | .9 | 2.6 | 2.7 |
| | | STCG | 10 | | | | | | | | | | | | | | | | | | |
| | | ARUD | 10 | | | | | | | | | | | | | | | | | | |
| | | ARFR | 1 | | | | | | | | | | | | | | | | | | |
| | | ASOX | 20 | | | | | | | | | | | | | | | | | | |
| | | BRAL | 40 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 13sw Date Surveyed 7/20/99Surveyed / Recorded by DH, DL

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|--------------|-----------|-------------------|-----|------|-------------------|------------------|----|-----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 1 | 2 | ELF | 5 | | | | | | | | | | | | | | | | | | |
| | | CAHE | 1 | | | | | | | | | | | | | | | | | | |
| | | LIT | 10 | | | | | | | | | | | | | | | | | | |
| | | SHY | 1 | | | | | | | | | | | | | | | | | | |
| 1 | 3 | CAHE | 5 | 8.8 | 12.5 | 16.0 | 18 | 1 | 1 | - | - | 56 | 20.8 | 2.8 | 169 | 119 | 57.5 | ³⁰ 100 | ³⁵ 60 | 90 | 113 |
| | | STCO | 1 | | | | | | | | | | | | | | | | | | |
| | | ARFL | 10 | | | | | | | | | | | | | | | | | | |
| | | ASOX | 5 | | | | | | | | | | | | | | | | | | |
| | | AKSM | 10 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 5 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 20 | | | | | | | | | | | | | | | | | | |
| | | BAKE | 10 | | | | | | | | | | | | | | | | | | |
| | | LIT | 35 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

SGS-LTER Monitoring Project
Vegetation on Small Mammal Webs

Web BSW Date Surveyed 7/20/06

Surveyed / Recorded by DH, DL

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|----|------|-----------------|----|-----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 1 | 4 | Bosn | 35 | 16.1 | 6.8 | 14 | 17 | — | — | — | 1 | 1.9 | 12.1 | 4.6 | 61.5 | 74 | 55.5 | 80 | 75 | 49 | 34 |
| | | STCO | 5 | | | | | | | | | | | | | | | | | | |
| | | BARE | 15 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 1 | | | | | | | | | | | | | | | | | | |
| | | UNK1 | 1 | | | | | | | | | | | | | | | | | | |
| | | LITT | 45 | | | | | | | | | | | | | | | | | | |
| 1 | 5 | AREF | 5 | 24 | 10.1 | 33.9 | 14 | — | 1 | — | 2 | 1.7 | 5.7 | 2.7 | 38 | 79 | 59 | 60 | 50 | 110 | 50 |
| | | Bosn | 40 | | | | | | | | | | | | | | | | | | |
| | | SPCR | 5 | | | | | | | | | | | | | | | | | | |
| | | OPPO | 5 | | | | | | | | | | | | | | | | | | |
| | | TRGF | 5 | | | | | | | | | | | | | | | | | | |
| | | KOCHMA | 5 | | | | | | | | | | | | | | | | | | |
| | | GRPO | 1 | | | | | | | | | | | | | | | | | | |
| | | BARE | 5 | | | | | | | | | | | | | | | | | | |

Transect/point Comments
LITT 25

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 135W Date Surveyed 7/20/99Surveyed / Recorded by DA, DL

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|--------------|-----------|-------------------|------|------|-----------------|-----------|-----|--------|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | ant | gopher |
| 1 | 6 | EREF | 20 | 21 | 30.4 | 27 | 14 | — | 2 | — | 2 | 19 | 7.25 | 6.8 | 72 | 55.5 | 69.5 | 35 110 | 40 130 | 60 | 80 |
| | | OPP | 5 | | | | | | | | | | | | | | | | | | |
| | | SPO | 1 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 25 | | | | | | | | | | | | | | | | | | |
| | | PAVE | 20 | | | | | | | | | | | | | | | | | | |
| | | LITT | 30 | | | | | | | | | | | | | | | | | | |
| 1 | 7 | EREF | 15 | 47.6 | 7.6 | 21 | 20 | — | — | 2 | 4 | 2.3 | 14 | 6.2 | 91 | 59 | 45.6 | 38 112 | 37 100 | 68 | 63 |
| | | SIHY | 10 | | | | | | | | | | | | | | | | | | |
| | | ASOX | 10 | | | | | | | | | | | | | | | | | | |
| | | OPP | 1 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 40 | | | | | | | | | | | | | | | | | | |
| | | LITT | 25 | | | | | | | | | | | | | | | | | | |
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Transect/point Comments

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb B5W Date Surveyed 7/20/99Surveyed / Recorded by DA, DL

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|-----------------|--------------|-------------------|------|----|-----------------|-----------|-------------|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | ant L | W | gopher L | W |
| 1 | 8 | BOGR | 40 | 26 | 9.5 | 31 | 9 | 1 | — | — | — | .9 | 8.4 | 5.1 | 19 | 20.5 | 25 | 20 115 | 35 160 | 60 | 75 |
| | | PSDX | 10 | | | | | | | | | | | | | | | | | | |
| | | BAKE | 20 | | | | | | | | | | | | | | | | | | |
| | | LITT | 30 | | | | | | | | | | | | | | | | | | |
| 1 | 9 | BOGR | 35 | 16.5 | 15.2 | 24.5 | 16 | 2 | 2 | — | — | .2 | 13.3 | 3.7 | 91 | 74 | 52 | 31 120 | 35 173 | 44 | 33 |
| | | STCO | 15 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 5 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 1 | | | | | | | | | | | | | | | | | | |
| | | BAKE | 5 | | | | | | | | | | | | | | | | | | |
| | | LITT | 40 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
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Transect/point Comments

Web BSW Date Surveyed 7/20/99

Surveyed / Recorded by DA, DL

[illegible]

| Transect/point | Comments |
|----------------|----------|
|----------------|----------|

The center of the transect is at map site 15. The bearing is 187.

Stapp Field Studies / Small Mammal Webs/ Veg on Webs - data sheet

Web 13Sw, p. 1 of 15
Transect Z

SGS-LTER Monitoring Project
Vegetation on Small Mammal Webs

Web 13Sw Date Surveyed 7/20/99

Surveyed / Recorded by K. Workman & K. McClain

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (m) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|----|----|----------------|-----|-----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 2 | 1 | ARLD | 20 | 16 | 15 | 25 | 8 | 1 | 0 | 3 | 1 | .40 | .79 | 5.50 | 33 | 51 | 44 | 100 | 70 | 56 | 20 |
| | | SPCO | 5 | | | | | | | | | | | | | | | | | | |
| | | BCGR | 25 | | | | | | | | | | | | | | | | | | |
| | | EREF | 10 | | | | | | | | | | | | | | | | | | |
| | | CANE | 5 | | | | | | | | | | | | | | | | | | |
| | | PIOP | 1 | | | | | | | | | | | | | | | | | | |
| | | BARE | 15 | | | | | | | | | | | | | | | | | | |
| | | LIT | 10 | | | | | | | | | | | | | | | | | | |
| 2 | 2 | SICO | 10 | 15 | 39 | 22 | 3 | 0 | 0 | 4 | 0 | 1.10 | .50 | 5.6 | 87 | 22 | 49 | 115 | 110 | 100 | 32 |
| | | BOGR | 40 | | | | | | | | | | | | | | | | | | |
| | | KOSCI | 1 | | | | | | | | | | | | | | | | | | |
| | | ARFL | 1 | | | | | | | | | | | | | | | | | | |
| | | POOL | 1 | | | | | | | | | | | | | | | | | | |
| | | BARE | 25 | | | | | | | | | | | | | | | | | | |

Transect/point Comments
LN 28

Line runs SW to NE

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 1351 Date Surveyed 7/20/99Surveyed / Recorded by K. Whitham & V. Valverde

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|----|----|-----------------|-------|----------|----------|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | ant L | ant W | gopher L | gopher W |
| 2 | 3 | BYGR | 35 | 21 | 6 | 13 | 9 | 1 | 0 | 0 | 3 | .9 | 3.8 | 4.7 | 22 | 7 | 17 | 124 | 59 | 14 | 39 |
| | | SICO | 20 | | | | | | | | | | | | | | | | | | |
| | | BIOP | 1 | | | | | | | | | | | | | | | | | | |
| | | CAHE | 5 | | | | | | | | | | | | | | | | | | |
| | | BAKE | 10 | | | | | | | | | | | | | | | | | | |
| | | LIT | 25 | | | | | | | | | | | | | | | | | | |
| 2 | 4 | ASOX | 5 | 15 | 8 | 20 | 4 | 1 | 0 | 0 | 0 | .52 | 12 | 13.5 | 44 | 23 | 47 | 147 | 135 | 65 | 42 |
| | | BOBR | 65 | | | | | | | | | | | | | | | | | | |
| | | BIOP | 5 | | | | | | | | | | | | | | | | | | |
| | | LIT | 25 | | | | | | | | | | | | | | | | | | |
| 2 | 5 | BOBR | 75 | 13 | 8 | 32 | 0 | 1 | 0 | 1 | 0 | .53 | 220 | 6.7 | 19 | 22 | 16 | 147 | 135 | 102 | 47 |
| | | LIT | 15 | | | | | | | | | | | | | | | | | | |
| | | BAKE | 5 | | | | | | | | | | | | | | | | | | |

Transect/point

Comments

485 ant is the same

nest location 5

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 135W Date Surveyed 7/20/99Surveyed / Recorded by K. M. Loefer & K. Wood

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|----|----|-----------------|-----|-----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 2 | 6 | ALTR | 5 | 10 | 17.5 | 19 | 14 | 1 | 0 | 0 | 0 | 1.0 | 5.4 | 4.10 | 34 | 30 | 12 | 44 | 30 | 100 | 37 |
| | | BDR | 30 | | | | | | | | | | | | | | | | | | |
| | | AMPS | 15 | | | | | | | | | | | | | | | | | | |
| | | BARE | 10 | | | | | | | | | | | | | | | | | | |
| | | Litt | 40 | | | | | | | | | | | | | | | | | | |
| 2 | 7 | ROBIN | 40 | 13 | 16 | 26 | 0 | 2 | 1 | 1 | 2 | 80 | 1.20 | 1.78 | 65 | 72 | 44 | 140 | 128 | 42 | 35 |
| | | GAHE | 5 | | | | | | | | | | | | | | | | | | |
| | | BARE | 20 | | | | | | | | | | | | | | | | | | |
| | | Litt | 30 | | | | | | | | | | | | | | | | | | |
| | | STCO | 5 | | | | | | | | | | | | | | | | | | |
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Transect/point Comments

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb B50 Date Surveyed 7/20/99Surveyed / Recorded by K. Maclean K. Wardman

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (m) | | | |
|-------------------|-----------------|-----------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|-----------------|--------------|-------------------|-----|----|----------------|-----------|-------------|-----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | gopher L | W |
| 2 | 8 | C.V. llos | 20 | 48 | 8 | 30 | 45 | 1 | 0 | 0 | 0 | 0 | 5.8 | 75 | 70 | 100 | 45 | 79 33 | 79 31 | 70 | 55 |
| | | EREF | 10 | | | | | | | | | | | | | | | | | | |
| | | Kesia | 1 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 5 | | | | | | | | | | | | | | | | | | |
| | | POBIR | 20 | | | | | | | | | | | | | | | | | | |
| | | BARE | 10 | | | | | | | | | | | | | | | | | | |
| | | LIT | 35 | | | | | | | | | | | | | | | | | | |
| 2 | 9 | OPPO | 15 | 14 | 4 | 22 | 15 | 1 | 0 | 2 | 4 | 1 | 2 | 10.5 | 48 | 31 | 54 | 103 25 | 102 27 | 230 | 230 |
| | | AMPB | 10 | | | | | | | | | | | | | | | | | | |
| | | C.V. llos | 5 | | | | | | | | | | | | | | | | | | |
| | | ASOX | 10 | | | | | | | | | | | | | | | | | | |
| | | STCO | 25 | | | | | | | | | | | | | | | | | | |
| | | BARE | 5 | | | | | | | | | | | | | | | | | | |
| | | LIT | 30 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

Web 135h Date Surveyed 7/20/99

Surveyed / Recorded by V. Lakshminarayanan V. Madhan

[illegible]

Comments

9 & 10 are same

The center of this transect is at trap site 10, The bearing is 177.

Stapp Field Studies / Small Mammal Webs/ Veg on Webs - data sheet

Web 13SW, p. 1 of 6
Transect 3

SGS-LTER Monitoring Project
Vegetation on Small Mammal Webs

Web 13SW Date Surveyed 7-20-99

Surveyed / Recorded by L. Lentz S. Quinlivan

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|----------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|--------------|-----------|-------------------|----|----|-----------------|-----|----------|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | ant L | W | gopher L | W |
| 3 | 1 | Ar10 | 50 | 27 | 17 | 32 | 10 | — | 2 | — | 1 | 1.45 | 5.4 | 10.2 | 48 | 39 | 30 | 135 | 82 | 83 | 56 |
| | | Asox | 5 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 1 | | | | | | | | | | | | | | | | | | |
| | | C.villba | 5 | | | | | | | | | | | | | | | | | | |
| | | BARE | 10 | | | | | | | | | | | | | | | | | | |
| | | LEDE | 1 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 10 | | | | | | | | | | | | | | | | | | |
| | | LITT | 20 | | | | | | | | | | | | | | | | | | |
| 3 | 2 | STCO | 15 | 3 | 7.5 | 15 | 12 | 2 | — | — | — | 1.2 | 4.4 | 9.6 | 51 | 34 | 39 | 169 | 157 | 73 | 55 |
| | | BOGR | 50 | | | | | | | | | | | | | | | | | | |
| | | GACO | 1 | | | | | | | | | | | | | | | | | | |
| | | AGSM | 1 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 1 | | | | | | | | | | | | | | | | | | |
| | | BARE | 10 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

Ant hills present, Not mounds w/ in 3m

LYJU: skeleton weed 5 petals, white
 EREF: spreading
 buckwheat

Web 13SW, p. 2 of 6



SGS-LTER Monitoring Project
 Vegetation on Small Mammal Webs

Web 13SW Date Surveyed 7-20-99

Surveyed / Recorded by S. Quinliva, L. Lentz

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (m) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|--------------|-----------|-------------------|----|----|----------------|-------|-----|----------|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | ant W | L | gopher W |
| 3 | 2 | LITT | 25 | | | | | | | | | | | | | | | | | | |
| 3 | 3 | AGSM | 5 | 185 | 17 | 28 | 11 | — | 1 | 2 | 2 | 2.15 | .45 | 1.8 | 95 | 79 | 79 | 105 | 105 | 128 | 123 |
| | | BORG | 25 | | | | | | | | | | | | | | | | | | |
| | | EREF | 5 | | | | | | | | | | | | | | | | | | |
| | | LYJU | 1 | | | | | | | | | | | | | | | | | | |
| | | STCO | 1 | | | | | | | | | | | | | | | | | | |
| | | BARE | 25 | | | | | | | | | | | | | | | | | | |
| | | LITT | 15 | | | | | | | | | | | | | | | | | | |
| 3 | 4 | STCO | 10 | 17 | 14 | 22 | 17 | — | — | 3 | — | 3.5 | 1.5 | 10.3 | 81 | 68 | 38 | 1 | 1 | 95 | 52 |
| | | EREF | 5 | | | | | | | | | | | | | | | | | | |
| | | SLCR | 10 | | | | | | | | | | | | | | | | | | |
| | | OPPO | 10 | | | | | | | | | | | | | | | | | | |
| | | STCO | 1 | | | | | | | | | | | | | | | | | | |
| | | BORG | 10 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

Web 135W Date Surveyed 7-20-99

Surveyed / Recorded by S. Quinliva L. Lentz

[illegible]

| Transect/point | Comments |
|----------------|----------|
|----------------|----------|

SGS-LTER Monitoring Project
Vegetation on Small Mammal Webs

Web 13SW Date Surveyed 7-20-90

Surveyed / Recorded by L. Lentziva, D. Feiker

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (m) | | | |
|-------------------|-----------------|-----------------|---------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|--------------|-----------|-------------------|----|------|----------------|-----|----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 3 | 6 | ARFR | 25 | 22 | 21 | 24 | 21 | 2 | — | — | — | 1.65 | 4' | 7.3 | 93 | 78 | 68 | 109 | 85 | 64 | 52 |
| | | OPPO | 5 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 5 | | | | | | | | | | | | | | | | | | |
| | | ERIF | 5 | | | | | | | | | | | | | | | | | | |
| | | ABSM | 5 | | | | | | | | | | | | | | | | | | |
| | | LYJU | 10 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 1 | | | | | | | | | | | | | | | | | | |
| | | MAHA | 10 | | | | | | | | | | | | | | | | | | |
| | | LETT | 45 | | | | | | | | | | | | | | | | | | |
| 3 | 7 | LARE | 20 | 13 | 23 | 20 | 20 | 1 | 1 | 8 | 1 | 1.2 | 58 | 2.65 | 92 | 78 | 86.5 | 103 | 102 | 38 | 21 |
| | | LYJU | 10 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 5 | | | | | | | | | | | | | | | | | | |
| | | ERIF | 20 | | | | | | | | | | | | | | | | | | |
| | | SAIB | 1 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 135W Date Surveyed 7-20-99L. Lentz
Surveyed / Recorded by S. Quinlivan, D. Leiken

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|-----------------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|-----------------|--------------|-------------------|-----|----|-----------------|----|-----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 3 | 7 | CHLE | 1 | | | | | | | | | | | | | | | | | | 1 |
| | | BARE | 20 | | | | | | | | | | | | | | | | | | |
| | | LIT | 25 | | | | | | | | | | | | | | | | | | |
| 3 | 8 | LYSU | 15 | 20 | 21 | 21 | 10 | 1 | 1 | 1 | — | 1.3 | 3.65 | 3m | 132 | 100 | 67 | 104 | 93 | 104 | 82 |
| | | SP10 | 5 | | | | | | | | | | | | | | | | | | |
| | | AGSM | 1 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 30 | | | | | | | | | | | | | | | | | | |
| | | BOGR | | | | | | | | | | | | | | | | | | | |
| | | LIT | 50 | | | | | | | | | | | | | | | | | | |
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Transect/point Comments

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 13SW Date Surveyed 7/20/99Surveyed / Recorded by K. Wallaers K. McLean

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|----------------|--------------|-----------------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|-----|----|-----------------|-----|----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 3 | 9 | SPCO | 5 | 33 | 35 | 166 | 20 | 1 | 0 | 0 | 0 | 48 | 6.18 | 6.4 | 73 | 111 | 82 | 150 | 150 | 25 | 62 |
| | | ARFL | 10 | | | | | | | | | | | | | | | | | | |
| | | ASOX | 5 | | | | | | | | | | | | | | | | | | |
| | | LYJU | 15 | | | | | | | | | | | | | | | | | | |
| | | BAKO | 60 | | | | | | | | | | | | | | | | | | |
| | | LiH | 5 | | | | | | | | | | | | | | | | | | |
| 3 | 10 | SAIB | 80 | 16 | 22 | 21 | 15 | 1 | 0 | 0 | 1 | 1 | 2.5 | 10.3 | 82 | 54 | 66 | 176 | 150 | 72 | 63 |
| | | BARE | 20 | | | | | | | | | | | | | | | | | | |
| | | LYJU | 1 | | | | | | | | | | | | | | | | | | |
| | | TROC | 1 | | | | | | | | | | | | | | | | | | |
| | | CAIE | 1 | | | | | | | | | | | | | | | | | | |
| | | SPCR | 1 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
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Transect/point Comments

Center of the transect is at trap site 45. The bearing is 177.
 Transect runs west to east. Point 1 is the westernmost point.

Stapp Field Studies / Small Mammal Webs/ Veg on Webs - data sheet

Web 24, p. 1 of 5

Transect 1

SGS-LTER Monitoring Project
 Vegetation on Small Mammal Webs

Web 24 Date Surveyed 16 July 1999

Surveyed / Recorded by L. Hartley, C. Farley

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | 1m # shrubs | | 3m # mounds | | # 3m > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (m) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|-------------|------|-------------|--------|-----------------|-----------------|--------------|-----------|----------------|----|----|----------------|-----------|-----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 1 | 1 | Bogr | 50 | 12.9 | 9 | 23 | 11 | 5 | 0 | 0 | 2 | 2.6 | 6.55 | 3.85 | 50 | 61 | 58 | 33 130 | 39 190 | 200 | 80 |
| | | Lede | 5 | | | | | | | | | | | | | | | | | | |
| | | Spc0 | 1 | | | | | | | | | | | | | | | | | | |
| | | Bare | 15 | | | | | | | | | | | | | | | | | | |
| | | Litter | 30 | | | | | | | | | | | | | | | | | | |
| 1 | 2 | Opp0 | 25 | 9.8 | 7.8 | 237 | 13 | 8 | 0 | 0 | 0 | .79 | 0 | 5.6 | 26 | 38 | 51 | 40 110 | 31 75 | NA | NA |
| | | Arfr | 15 | | | | | | | | | | | | | | | | | | |
| | | Bogr | 15 | | | | | | | | | | | | | | | | | | |
| | | Bare | 30 | | | | | | | | | | | | | | | | | | |
| | | Litter | 20 | | | | | | | | | | | | | | | | | | |
| 1 | 3 | Lija | 5 | 18 | 12 | 26.9 | 15 | 7 | 0 | 0 | 2 | 1.42 | 11.8 | 12.0 | 29 | 22 | 38 | 53 150 | 59 140 | 60 | 35 |
| | | Spc0 | 5 | | | | | | | | | | | | | | | | | | |
| | | Sihy | 5 | | | | | | | | | | | | | | | | | | |
| | | Arfr | 15 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

Mound dim. has 2 numbers. The first # is the size of the actual mound. The second # is the size of the mound and the disturbance around it.

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 24 Date Surveyed 16 July 1999Surveyed / Recorded by L. Hartley, C. Farley

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | 1m # shrubs | | 3m # mounds | | # 3m > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|----------------|-------------------|---------|---------|-------------|------|-------|-------------|------|-------------|--------|-----------------|-----------------|--------------|-----------|----------------|-----|----|-----------------|-----------|----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 1 | 3 ^{cont} | Bogr | 10 | | | | | | | | | | | | | | | | | | |
| | | Bare | 30 | | | | | | | | | | | | | | | | | | |
| | | Litter | 30 | | | | | | | | | | | | | | | | | | |
| 1 | 4 | Eref | 20 | 63 | 18 | 53 | 12 | 5 | 0 | 0 | 1 | 131 | 9.2 | 8.9 | 82 | 64 | 55 | 46 130 | 46 110 | 60 | 35 |
| | | Spc0 | 5 | | | | | | | | | | | | | | | | | | |
| | | Si hy | 5 | | | | | | | | | | | | | | | | | | |
| | | Bogr | 5 | | | | | | | | | | | | | | | | | | |
| | | Chli | 1 | | | | | | | | | | | | | | | | | | |
| | | Bare | 15 | | | | | | | | | | | | | | | | | | |
| | | Litter | 55 | | | | | | | | | | | | | | | | | | |
| 1 | 5 | Agsm | 1 | 19 | 13 | 23 | 20 | 3 | 0 | 0 | 3 | 2.9 | 11.9 | 8.4 | 115 | 174 | 91 | 43 112 | 45 82 | 45 | 19 |
| | | Bogr | 20 | | | | | | | | | | | | | | | | | | |
| | | Spc0 | 5 | | | | | | | | | | | | | | | | | | |
| | | Lare | 5 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

1-4

same gopher mound as 1-3

1-5

one burrow is large Swift fox? "

Surveyed / Recorded by L. Hartley, C. Farley

Cont.

SGS-LTER Monitoring Project Vegetation on Small Mammal Webs

Transect 1

Web 24

Date Surveyed

7/11/199

Surveyed / Recorded by

[illegible]

Transect/point

Comments

| Comments | |
|----------|----|
| L14 | 30 |

Transect
2

Surveyed / Recorded by K. Wadhwa & K. Nicholas

[illegible]

Comments

75 ant More medicinal than 8's i.e. 1-7 and 1-8 had the same closest
Rabbit scat found at 10 ant mound

The center of the transect is at the NW end. The transect runs NW to SE. Pt 1 is at the NW end.

Stapp Field Studies / Small Mammal Webs/ Veg on Webs - data sheet

Web 24, p. 1 of 6
Transect 2

SGS-LTER Monitoring Project
Vegetation on Small Mammal Webs

Web 24 Date Surveyed 16 July 1999

Surveyed / Recorded by L. Hartley, C. Farley

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | within 3m | | 3m | | # 3m > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------------|------|--------------|--------|-----------------|-----------------|--------------|-----------|----------------|----|----|-----------------|-----------|--------|----|
| | | | | grass | forb | shrub | # shrubs small | ATCA | # mounds ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | ant | | gopher | |
| | | | | | | | | | | | | | | | | | | L | W | L | W |
| 2 | 1 | Bogr | 55 | 12 | 11 | 35 | 15 | 7 | 0 | 0 | 2 | .4 | 3.55 | 9.4 | 95 | 66 | 58 | 45 130 | 60 130 | 43 | 6 |
| | | Lede | 1 | | | | | | | | | | | | | | | | | | |
| | | Liju | 1 | | | | | | | | | | | | | | | | | | |
| | | Litter | 40 | | | | | | | | | | | | | | | | | | |
| | | Bare | 5 | | | | | | | | | | | | | | | | | | |
| 2 | 2 | Eref | 5 | 31 | 10 | 25 | 34 | 8 | 2 | 2 | 1 | 1.5 | 1.5 | 2.1 | 81 | 68 | 60 | 51 140 | 58 143 | 87 | 36 |
| | | Arfr | 40 | | | | | | | | | | | | | | | | | | |
| | | Stcp | 5 | | | | | | | | | | | | | | | | | | |
| | | Spcn | 5 | | | | | | | | | | | | | | | | | | |
| | | Bogr | 5 | | | | | | | | | | | | | | | | | | |
| | | Bare | 25 | | | | | | | | | | | | | | | | | | |
| | | Litter | 20 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

Transect/point Comments

all for ant hills we measured both the hill and the larger disturbed area around the hill

2-2 one of ant mounds was more a hole than a mound the disturbed area was < 10cm

Surveyed / Recorded by L. Hartley, C. Farley

| Transect/point | Comments |
|----------------|----------|
|----------------|----------|

SGS-LTER Monitoring Project
Vegetation on Small Mammal Webs

Transect 2

Web 24 Date Surveyed 16 July 1999Surveyed / Recorded by L. Hartley, C. Farley

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | 1m 3m | | 3m | | # 3m > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------------|------|--------------|--------|-----------------|-----------------|--------------|-----------|----------------|----|----|-----------------|-----------|-----|-----|
| | | | | grass | forb | shrub | # shrubs small | ATCA | # mounds ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 2 | 4 | Agsm | 15 | 39 | 26 | 34 | 10 | 3 | 0 | 0 | 0 | 1.6 | 17.5 | 14.7 | 17 | 15 | 37 | 42 110 | 42 100 | 81 | 29 |
| | | Oppu | 10 | | | | | | | | | | | | | | | | | | |
| | | Arfr | 5 | | | | | | | | | | | | | | | | | | |
| | | Spcu | 1 | | | | | | | | | | | | | | | | | | |
| | | Bogr | 10 | | | | | | | | | | | | | | | | | | |
| | | Liju | 1 | | | | | | | | | | | | | | | | | | |
| | | Bare | 5 | | | | | | | | | | | | | | | | | | |
| | | Litter | 50 | | | | | | | | | | | | | | | | | | |
| 2 | 5 | Agsm | 20 | 24 | 22 | 14 | 14 | 5 | 0 | 0 | 0 | 1.1 | 23.2 | 6.5 | 38 | 25 | 30 | 50 200 | 45 200 | 120 | 100 |
| | | Arfr | 15 | | | | | | | | | | | | | | | | | | |
| | | Bogr | 1 | | | | | | | | | | | | | | | | | | |
| | | Spcu | 1 | | | | | | | | | | | | | | | | | | |
| | | Bare | 15 | | | | | | | | | | | | | | | | | | |
| | | Litter | 50 | | | | | | | | | | | | | | | | | | |
| | | Liju | 1 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

2-4 gopher mound is the same as 2-32-5 gopher mound probably not recently active

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 24 Date Surveyed 5/16/99Surveyed / Recorded by L. Anderson, K. Maden

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|-----------------|--------------|-------------------|----|----|-----------------|-----------|----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 2 | 6 | ERFF | 5 | 20 | 11 | 13 | 25 | 0 | 1 | 0 | 0 | 3 | 2.3 | 2.6 | 93 | 39 | 15 | 100 38 | 70 35 | 69 | 33 |
| | | AGSM | 40 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 1 | | | | | | | | | | | | | | | | | | |
| | | ARFR | 1 | | | | | | | | | | | | | | | | | | |
| | | BARE | 1 | | | | | | | | | | | | | | | | | | |
| | | LH | 55 | | | | | | | | | | | | | | | | | | |
| 2 | 7 | ARFR | 5 | 27 | 6 | 13 | 34 | 0 | 0 | 4 | 2 | 2.4 | 2 | 9.5 | 39 | 9 | 50 | 120 42 | 140 38 | 80 | 50 |
| | | STCC | 45 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 1 | | | | | | | | | | | | | | | | | | |
| | | LH | 50 | | | | | | | | | | | | | | | | | | |
| | | Bare | 1 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 1 | | | | | | | | | | | | | | | | | | |
| | | AGSM | 1 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 24 Date Surveyed 7/16/99Surveyed / Recorded by K. Wordhanssee K. Maclean

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|--------------|-----------|-------------------|----|----|-----------------|-----------|----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 2 | 8 | LITU | 20 | 28 | 8 | 26 | 42 | 0 | 0 | 0 | 2 | 2.4 | 6.3 | 0 | 43 | 30 | 44 | 0 | 0 | 72 | 74 |
| | | FRF | 15 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 1 | | | | | | | | | | | | | | | | | | |
| | | STCO | 25 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 15 | | | | | | | | | | | | | | | | | | |
| | | BARE | 5 | | | | | | | | | | | | | | | | | | |
| | | LIT | 30 | | | | | | | | | | | | | | | | | | |
| 2 | 9 | EREF | 10 | 20 | 14 | 52 | 40 | 0 | 0 | 0 | 1 | 1.8 | 5.5 | 9.9 | 32 | 22 | 48 | 104 22 | 107 27 | 91 | 58 |
| | | BOGR | 35 | | | | | | | | | | | | | | | | | | |
| | | STCO | 15 | | | | | | | | | | | | | | | | | | |
| | | BARE | 5 | | | | | | | | | | | | | | | | | | |
| | | LIT | 35 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

Transect/point Comments

Transect 2

Surveyed / Recorded by K. Wadumasee K. Nadeeka

[illegible]

| Transect/point | Comments |
|----------------|----------|
|----------------|----------|

Stapp Field Studies / Small Mammal Webs/ Veg on Webs – data sheet

Web 24, p. 1 of 5

Transect 3

SGS-LTER Monitoring Project
Vegetation on Small Mammal Webs

Web 24 Date Surveyed 07/11/1999

Surveyed / Recorded by D. L. & S. G.

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (m) | | | |
|-------------------|-----------------|----------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|--------------|-----------|-------------------|----|----|----------------|-----|-----|-----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 3 | 1 | SPCO | 15 | 14 | 32 | 42 | 0 | 0 | 0 | 0 | 2 | 1.2 | 11.8 | 7.8 | 112 | 94 | 53 | 1.9 | 1.9 | 2.1 | 1.5 |
| | | GPRD | 5 | | | | | | | | | | | | | | | | | | |
| | | Larkspur | 5 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 40 | | | | | | | | | | | | | | | | | | |
| | | AGSM | 5 | | | | | | | | | | | | | | | | | | |
| | | GACO | 1 | | | | | | | | | | | | | | | | | | |
| | | LITT | 14 | | | | | | | | | | | | | | | | | | |
| | | BARE | 15 | | | | | | | | | | | | | | | | | | |
| 3 | 2 | SPCO | 5 | 14 | 5 | 62 | 7 | 1 | 2 | 0 | 0 | .54 | 20.8 | 3.4 | 74 | 77 | 51 | 1.8 | 1.8 | 2.1 | 1.5 |
| | | BOGR | 65 | | | | | | | | | | | | | | | | | | |
| | | BARE | 10 | | | | | | | | | | | | | | | | | | |
| | | LITT | 20 | | | | | | | | | | | | | | | | | | |
| 3 | 3 | ARFR | 35 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 5 | | | | | | | | | | | | | | | | | | |

↓
1st & 2nd dimensions
measured
at the same point
of observation

Transect/point

Comments

3-1

Larkspur was standing dead

3-2

The second distance from gopher mound was the same mound as point 1.

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 21 Date Surveyed 07-11-99Surveyed / Recorded by J. J. A. S. O.

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (m) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|----|----|----------------|------|------|------|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 3 | 3 | BGR | 30 | 17 | 14 | 24 | 15 | 0 | 2 | 0 | 0 | 135 | 0 | 20 | 106 | 82 | 76 | 1.45 | 1.40 | - | - |
| | | SIH | 1 | | | | | | | | | | | | | | | | | | |
| | | LYSU | 1 | | | | | | | | | | | | | | | | | | |
| | | BAP | 5 | | | | | | | | | | | | | | | | | | |
| | | LHOS | 23 | | | | | | | | | | | | | | | | | | |
| 3 | 4 | GACO | 10 | 17 | 39 | 42 | 2 | 3 | 0 | 0 | 0 | .4 | 23.6 | 4.7 | 60 | 48 | 48 | 1.38 | 1.34 | 1.79 | 1.15 |
| | | ATCA | 20 | | | | | | | | | | | | | | | | | | |
| | | ONIC | 5 | | | | | | | | | | | | | | | | | | |
| | | BGR | 35 | | | | | | | | | | | | | | | | | | |
| | | PLPA | 1 | | | | | | | | | | | | | | | | | | |
| | | LITT | 29 | | | | | | | | | | | | | | | | | | |
| | | BAPF | 10 | | | | | | | | | | | | | | | | | | |
| 3 | 5 | SIH | 5 | 9 | 14 | 29 | 9 | 2 | 1 | 0 | 1 | 46 | 4.1 | 1.9 | 75 | 58 | 52 | 1.40 | 1.30 | 1.35 | 1.3 |
| | | SPCC | 5 | | | | | | | | | | | | | | | | | | |

Transect/point

Comments

3-3

SIH 15 standing dead

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 24 Date Surveyed 07-16-99Surveyed / Recorded by D. J. S. G.

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (m) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|----|----|----------------|-----|-----|-----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 3 | 5 | BC6R | 30 | | | | | | | | | | | | | | | | | | |
| | | CHLE | 1 | | | | | | | | | | | | | | | | | | |
| | | CPFC | 5 | | | | | | | | | | | | | | | | | | |
| | | BARF | 40 | | | | | | | | | | | | | | | | | | |
| | | LITT | 14 | | | | | | | | | | | | | | | | | | |
| 3 | 6 | AREP | 80 | 8 | 5 | 29 | 8 | 2 | 2 | 0 | 0 | 50 | 22.2 | .70 | 88 | 89 | 59 | 1.7 | 1.4 | 2.9 | 2.3 |
| | | SPCC | 5 | | | | | | | | | | | | | | | | | | |
| | | BC6R | 5 | | | | | | | | | | | | | | | | | | |
| | | LITT | 10 | | | | | | | | | | | | | | | | | | |
| | 7 | AREP | 20 | 15 | 7 | 35 | 9 | 2 | 1 | 0 | 3 | .88 | 22.5 | 7.4 | 23 | 16 | 16 | 1.8 | 1.4 | 2.9 | 2.3 |
| | | SPCC | 5 | | | | | | | | | | | | | | | | | | |
| | | BC6R | 35 | | | | | | | | | | | | | | | | | | |
| | | STIN | 1 | | | | | | | | | | | | | | | | | | |
| | | BARF | 15 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

3-7Ant mound was actually a hill3-7Gopher mound For 6 + 7 the same

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 24 Date Surveyed 07-16-99Surveyed / Recorded by D.L. & S.C.

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (m) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|----|----|----------------|------|-----|-----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 3 | 7 | LETT | 24 | | | | | | | | | | | | | | | | | | |
| 3 | 8 | LYJU | 1 | 29.5 | 31 | 82 | 18 | 1 | 2 | 0 | 0 | 9.1 | 12.2 | 4.7 | 70 | 49 | 44 | 1.48 | 1.35 | 1.9 | 1.4 |
| | | SIHH | 5 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 1 | | | | | | | | | | | | | | | | | | |
| | | LARE | 1 | | | | | | | | | | | | | | | | | | |
| | | BOAR | 70 | | | | | | | | | | | | | | | | | | |
| | | ARFR | 5 | | | | | | | | | | | | | | | | | | |
| | | AL | 1 | | | | | | | | | | | | | | | | | | |
| | | LITT | 16 | | | | | | | | | | | | | | | | | | |
| 3 | 9 | LYJU | 20 | 16 | 31 | 30 | 12 | 2 | 0 | 0 | 0 | 5.1 | 6 | 7.5 | 66 | 61 | 70 | 1.60 | 1.50 | 1.9 | 1.4 |
| | | SPCO | 5 | | | | | | | | | | | | | | | | | | |
| | | BOAR | 40 | | | | | | | | | | | | | | | | | | |
| | | FRFF | 5 | | | | | | | | | | | | | | | | | | |
| | | ARFR | 5 | | | | | | | | | | | | | | | | | | |

Transect/point

Comments

3-8

SIHH is standing dead

3-8

Ant mounds were hills

3-8

Used same ant mound for 7+8

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 24 Date Surveyed 07-16-99Surveyed / Recorded by D.L. A.S. 12

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (m) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|--------------|-----------|-------------------|----|----|----------------|-----|-----|-----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 3 | 9 | LITT | 20 | | | | | | | | | | | | | | | | | | |
| | | BARE | 5 | | | | | | | | | | | | | | | | | | |
| 3 | 10 | STCO | 10 | 175 | 10 | 13 | 25 | 1 | 0 | 0 | 0 | 1 | 4.9 | 5.9 | 45 | 34 | 41 | 1.6 | 1.5 | 2.6 | 2.2 |
| | | ARFR | 15 | | | | | | | | | | | | | | | | | | |
| | | SPCO | 5 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 20 | | | | | | | | | | | | | | | | | | |
| | | EREF | 1 | | | | | | | | | | | | | | | | | | |
| | | CHLE | 1 | | | | | | | | | | | | | | | | | | |
| | | LYJU | 5 | | | | | | | | | | | | | | | | | | |
| | | LITT | 38 | | | | | | | | | | | | | | | | | | |
| | | BARE | 5 | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |

Transect/point Comments

The center of the transect is at point 25. The bearing is 94°. The transect runs SW to NE. 1st point is at SW end,

Stapp Field Studies / Small Mammal Webs/ Veg on Webs – data sheet

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Transect 4

SGS-LTER Monitoring Project
Vegetation on Small Mammal Webs

Web 24 Date Surveyed 16 July 1999

Surveyed / Recorded by L. Hartley, C. Farley

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | 1m # shrubs | | 3m # mounds | | # 3m > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|-------------|------|-------------|--------|-----------------|-----------------|--------------|-----------|----------------|----|----|-----------------|-----------|----|----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 4 | 1 | Stco | 25 | 14 | 8 | 26 | 19 | 5 | 0 | 0 | 0 | .22 | 19.9 | 8.6 | 34 | 13 | 39 | 55 110 | 40 120 | 71 | 40 |
| | | Oppo | 5 | | | | | | | | | | | | | | | | | | |
| | | Arfr | 25 | | | | | | | | | | | | | | | | | | |
| | | Lede | 1 | | | | | | | | | | | | | | | | | | |
| | | Spro | 5 | | | | | | | | | | | | | | | | | | |
| | | Lave | 1 | | | | | | | | | | | | | | | | | | |
| | | Sihty | 5 | | | | | | | | | | | | | | | | | | |
| | | Bare | 1 | | | | | | | | | | | | | | | | | | |
| | | Litter | 30 | | | | | | | | | | | | | | | | | | |
| 4 | 2 | Arfr | 20 | 18 | 12 | 20 | 12 | 12 | 0 | 0 | 3 | .20 | 13.1 | 12.6 | 49 | 54 | 59 | 30 100 | 25 120 | 65 | 50 |
| | | Oppo | 5 | | | | | | | | | | | | | | | | | | |
| | | Spro | 10 | | | | | | | | | | | | | | | | | | |
| | | Lede | 5 | | | | | | | | | | | | | | | | | | |
| | | Boqr | 40 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

Web 24 Date Surveyed 16 July 1999

Surveyed / Recorded by L. Hartley, C. Farley

[illegible]

| Transect/point | Comments |
|----------------|----------|
|----------------|----------|

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsNW
Transect 4Web 24 Date Surveyed 07-16-14Surveyed / Recorded by 101 1 10

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|----------------|--------------|---------|---------|-------------|------|-------|----------|------|----------|--------|--------------|-----------------|--------------|-----------|----------------|-----|----|-----------------|-------|----------|----------|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | ant L | ant W | gopher L | gopher W |
| 4 | 4 | SIHY | 25 | 20.5 | 10.5 | 28.5 | 2 | 0 | 0 | 0 | 0 | 2.1 | 18.78 | 16.85 | 164 | 123 | 70 | 49 | 26 | 46 | 63 |
| | | SPCR | 15 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 10 | | | | | | | | | | | | | | | | | | |
| | | OPTO | 5 | | | | | | | | | | | | | | | | | | |
| | | BARL | 5 | | | | | | | | | | | | | | | | | | |
| | | LITT | 40 | | | | | | | | | | | | | | | | | | |
| 4 | 5 | LEDE | 1 | 13.5 | 23 | 38.5 | 13 | 1 | 1 | 0 | 0 | .73 | 0 | 2.0 | 34 | 36 | 45 | 67 | 150 | 10 | 10 |
| | | ARFR | 15 | | | | | | | | | | | | | | | | | | |
| | | SPCR | 5 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 20 | | | | | | | | | | | | | | | | | | |
| | | CAREX | 1 | | | | | | | | | | | | | | | | | | |
| | | ARLO | 5 | | | | | | | | | | | | | | | | | | |
| | | BARE | 20 | | | | | | | | | | | | | | | | | | |
| | | LITT | 33 | | | | | | | | | | | | | | | | | | |

> ant mound
> surface disturbance

Transect/point

Comments

* For section 24NW, the few antler mounds may be due to the mound
badger disturbances in the area.

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 24 Date Surveyed 7/16/99Surveyed / Recorded by K. Johnson V. MacLean

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (m) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|--------------|-----------|-------------------|----|----|----------------|-------|----------|-----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | ant W | gopher L | W |
| 4 | 6 | ATCA | 15 | 43 | 14 | 27 | 19 | 3 | 0 | 0 | 3 | .49 | 8.0 | 5.0 | 20 | 35 | 42 | 100 | 108 | 100 | 46 |
| | | BOGR | 30 | | | | | | | | | | | | | | | 35 | 41 | | |
| | | OPPO | 1 | | | | | | | | | | | | | | | | | | |
| | | PLPA | 1 | | | | | | | | | | | | | | | | | | |
| | | ALGM | 1 | | | | | | | | | | | | | | | | | | |
| | | SPRO | 1 | | | | | | | | | | | | | | | | | | |
| | | Litt | 50 | | | | | | | | | | | | | | | | | | |
| | | BARE | 5 | | | | | | | | | | | | | | | | | | |
| 4 | 8 | OPPO | 5 | 12 | 11 | 37 | 2 | 2 | 0 | 1 | 0 | .10 | .30 | 2.5 | 46 | 31 | 41 | 100 | 82 | 100 | 102 |
| | | BOGR | 50 | | | | | | | | | | | | | | | 26 | 21 | | |
| | | EREF | 5 | | | | | | | | | | | | | | | | | | |
| | | Litt | 30 | | | | | | | | | | | | | | | | | | |
| | | BARE | 10 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

SGS-LTER Monitoring Project
Vegetation on Small Mammal WebsWeb 24 Date Surveyed 7/16/99Surveyed / Recorded by K. Woodruff & K. Macken

| Transect (1-3) | Point (1-10) | Species | % Cover | (cm) height | | | # shrubs | | # mounds | | # > 3 cm bur | Distance (m) to | | | ATCA dim. (cm) | | | Mound dim. (cm) | | | |
|-------------------|-----------------|---------|------------|----------------|------|-------|----------|------|----------|--------|--------------------|-----------------|-----------------|--------------|-------------------|----|----|-----------------|-----------|----|-----|
| | | | | grass | forb | shrub | small | ATCA | ant | gopher | | ATCA | gopher mound | ant mound | L | W | H | L | W | L | W |
| 4 | 9 | AGFA | 10 | 8 | 7 | 20 | 4 | 0 | 1 | 0 | 4 | 1.5 | 5.6 | 3.2 | 85 | 55 | 54 | 103 40 | 105 35 | 86 | 67 |
| | | EREF | 1 | | | | | | | | | | | | | | | | | | |
| | | SITH | 1 | | | | | | | | | | | | | | | | | | |
| | | SPO | 5 | | | | | | | | | | | | | | | | | | |
| | | BOGR | 10 | | | | | | | | | | | | | | | | | | |
| | | LIT | 50 | | | | | | | | | | | | | | | | | | |
| | | BAPE | 25 | | | | | | | | | | | | | | | | | | |
| 4 | 10 | BOGR | 30 | 27 | 5 | 25 | 8 | 1 | 0 | 0 | 0 | 1 | 6.2 | 10.7 | 78 | 46 | 57 | 103 40 | 105 35 | 86 | 103 |
| | | LEDE | 5 | | | | | | | | | | | | | | | | | | |
| | | EREF | 10 | | | | | | | | | | | | | | | | | | |
| | | SPO | 5 | | | | | | | | | | | | | | | | | | |
| | | BAPE | 5 | | | | | | | | | | | | | | | | | | |
| | | LIT | 45 | | | | | | | | | | | | | | | | | | |

Transect/point Comments

9 & 10 Ant hills are the same