



Grassland Bird Survey Datasheet

Date: 4 / 23 / 2014

Observer: JDR

Page 1

If found please contact: Jeremy Ross (419) 575-

2414 or Eli Bridge (405) 240-2149

Loc: TGP

Transect: A

GPS unit: 01

Start:

LAT 36.80202

LON -96.42134

End:

LAT

LON

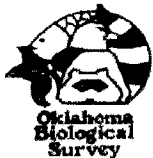
Time 07:09 Cloud 10

Wind 0-5

Time : Cloud

Wind

| TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES | TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES |
|-------|---------|-----|-----|-------------|----------|---------------|---------|-------|-------|---------|-----|-----|-------------|----------|---------------|---------|-------|
| 07:09 | NOMO | 1 | H | 0 | 70 | S | | | 07:29 | GRSP | 1 | H | -85 | 90 | S | | |
| : | FISP | 1 | H | 70 | 100 | S | | | : | FISP | 1 | H | 25 | 140 | S | | |



Grassland Bird Survey Datasheet

Date: 4/23/2014

Observer: JDR

Page 3

If found please contact: Jeremy Ross (419) 575-

2414 or Eli Bridge (405) 240-2149

Loc: T6PP

Transect: A

GPS unit: 01

Start:

LAT

LON

Time

: Cloud

Wind

End:

LAT 36.78340

LON 96.42085

Time 09:13

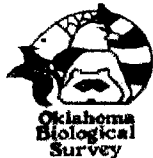
Cloud

10%

Wind 5-10

| TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES | TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES |
|------|---------|-----|-----|-------------|----------|---------------|---------|--------------------|------|---------|-----|-----|-------------|----------|---------------|---------|---------------------|
| 8:43 | EAME | 1 | H | -90 | 175 | | | | 9:06 | RNPH | 1 | H | 85 | 400 | | | |
| : | LASP | 1 | H | -65 | 80 | S | | | :08 | EABL | 1 | H | 40 | 65 | | | |
| : | BEWR | 1 | H | -90 | 75 | | | | : | FISP | 1 | S | 80 | 10 | | L | Flush/s |
| :44 | FISP | 1 | H | 75 | 115 | S | | | : | " | 1 | S | 75 | 40 | C | | Copulation in above |
| : | EAME | 1 | S | 10 | 200 | | L | | :10 | BLJA | 90 | S | 15 | 200 | | F | |
| : | NOMO | 1 | H | 20 | 175 | S | | | :12 | BGGN | 1 | H | 90 | 50 | | | |
| : | TWUN | 1 | S | 5 | 300 | | P | | :12 | BEWR | 2 | H | -90 | 25 | P | | H/S |
| :46 | EAME | 1 | S | -35 | 110 | | L | | : | | | | | | | | |
| : | LASP | 1 | S | -90 | 15 | | L | Flushed | : | | | | | | | | |
| : | TWUN | 1 | S | -35 | 150 | | F | Nest in material? | : | | | | | | | | |
| : | EAME | 1 | S | -75 | 70 | CN | L | Carries large item | : | | | | | | | | |
| :49 | EAME | 1 | H | -30 | 110 | S | | | : | | | | | | | | |
| : | CHSP | 1 | S | 70 | 55 | | L | | : | | | | | | | | |
| : | LASP | 3 | S | 65 | 90 | A | | Fighting | : | | | | | | | | |
| : | BRTN | 1 | S | 90 | 50 | | L | | : | | | | | | | | |
| :53 | FISD | 1 | H | -45 | 100 | S | | | : | | | | | | | | |

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Date: 4 / 23 / 2014

Observer: JDR

Page 1

If found please contact: Jeremy Ross (419) 575-2414 or Eli Bridge (405) 240-2149

Loc: TGP

Transect: B

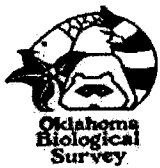
GPS unit: 01

Start: LAT 36.78554 LON -96.41161
Time 09:38 Cloud 20% Wind 10-15

End: LAT _____ LON _____
Time : Cloud _____ Wind _____

| TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES | TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES |
|-------|-----------|-----|-----|-------------|----------|---------------|---------|-----------------------|-------|-----------|-----|-----|-------------|----------|---------------|---------|-----------------|
| 9:38 | EAME | 1 | H | 10 | 250 | | | | 10:18 | AMPI | 2 | H | 50 | 85 | | | |
| : | EAME | 1 | H | -40 | 320 | S | | | :21 | SAVS | 1 | S | 0 | 10 | | L | Flushed |
| :40 | EAME | 1 | H | 35 | 400 | S | | | : | SAVS | 1 | S | 45 | 20 | | L | |
| : | Sparrow | 1 | S | -5 | 15 | | L | Small flushed sparrow | : | SAVS | 1 | S | 60 | 40 | | L | |
| : | BHCO | 1 | S | -55 | 150 | | F | | : | AMCR | 1 | H | 50 | 400 | | | |
| : | EAME | 1 | S | 45 | 80 | | L | | :23 | LASP | 1 | H | -5 | 220 | | | |
| :43 | UPSA | 1 | H | -30 | 200 | | P | | : | NOMO | 1 | H | 40 | 240 | | | |
| : | " | 1 | S | -15 | 150 | | | On burned ground | : | FISP | 1 | H | 10 | 200 | | | |
| :46 | BHCO | 1 | H | 90 | 100 | | F | H/S | : | FISP | 1 | H | 50 | 230 | | | |
| :49 | AMKE | 1 | S | 75 | 200 | | F | | :25 | BLJA | 1 | H | 5 | 300 | | | |
| : | " | 1 | S | 70 | 250 | | F | Both working unburned | :33 | FISP | 1 | H | 5 | 165 | S | | |
| : | EAME | 1 | H | 50 | 350 | S | | | : | STFL | 2 | H | -5 | 200 | | | H/S |
| :52 | LOSH | 1 | H | -65 | 60 | | | H/S | : | LASP | 1 | H | 90 | 170 | S | | |
| : | UPSA | 1 | H | 60 | 220 | | | | : | BHCO | 1 | S | 90 | 165 | | L | |
| :53 | UPSA | 1 | S | 65 | 120 | | | Water's edge | 10:37 | Veg Piles | | | | | | | |
| :55 | UPSA | 2 | S | 45 | 35 | | | | :38 | CACH | 1 | H | 90 | 110 | | | |
| :56 | KILL | 1 | H | 10 | 175 | | F | H/S | :39 | MODD | 1 | S | -5 | 70 | | L | |
| : | EAME | 1 | H | -40 | 450 | S | | | :40 | MODD | 1 | H | 90 | 50 | | F | |
| : | UNID | 1 | H | 100 | 40 | | | small 'chip' | : | CHSP | 1 | H | 50 | 60 | | | |
| 10:00 | UPSA | 1 | H | -85 | 150 | | | | : | SAVS | 3 | S | -10 | 45 | | L | |
| : | BHCO | 2 | S | -20 | 80 | | F | | : | HASP | 1 | H | 20 | 100 | | | |
| : | Sparrow | 2 | S | -30 | 150 | | F | | : | FAGN | 25 | H | -20 | 400 | | F | H/S High above |
| : | KILL | 1 | S | -35 | 100 | | | | : | EABL | 1 | H | 125 | 50 | | | |
| :02 | AMPI | 1 | S | 5 | 35 | | | | :43 | LASP | 1 | S | 0 | 15 | P | L | with above LASP |
| : | TWUN | 1 | S | 15 | 350 | | F | | :43 | HASP | 1 | H | 5 | 75 | | | |
| :03 | BLJA | 3 | S | -15 | 150 | | L | | : | CHSP | 1 | H | -5 | 75 | | | |
| : | " | 8 | S | -20 | 165 | | L | | : | CHSP | 1 | H | 30 | 55 | | | |
| :05 | AMPI | 2 | S | -70 | 125 | | | | :45 | MODD | 3 | S | 5 | 80 | | L | |
| :08 | Veg Piles | | | | | | | | : | BLJA | 1 | S | 0 | 85 | | L | |
| :08 | LASP | 1 | S | -15 | 45 | | | | : | CHSP | 6 | S | 40 | 30 | | L | Flushed |
| :10 | SAVS | 1 | H | 90 | 50 | | | H/S | : | SAVS | 1 | S | 40 | 30 | | L | " |
| :14 | BLJA | 7 | S | -110 | 85 | | L | | : | BEWR | 1 | H | -80 | 125 | S | | |
| :15 | EABL | 1 | H | 150 | 125 | | | missed before | :47 | CHSP | 3 | S | 10 | 25 | | L | Flushed |
| : | LASP | 1 | H | -120 | 140 | S | | | : | BGN | 1 | H | -30 | 40 | | | |
| :17 | EABL | 1 | H | 80 | 120 | | | H/S Male | : | HASP | 3 | H | -20 | 40 | | | |

| | Camera | Min height vis obstruct (cm) | Percent cover | | | | | Dist to edge | Habitat types <180m | Notes |
|-------|--------|------------------------------|---------------|-------|------|------|--------|--------------|--|------------|
| | | | Forb | Grass | Dead | Bare | Litter | | | |
| Start | 143 | | 15 | 10 | 60 | 0 | 15 | 10m | Prairie (burned + unburned), scrub (fuzzows), rocky outcrops | |
| 1/3 | 143 | | 15 | 15 | 0 | 70 | 0 | 25m | Prairie (burned), pond, riparian scrub | Fresh burn |
| 2/3 | 143 | | 5 | 15 | 0 | 80 | 0 | 65m | " woodland, scrub, creek | |
| End | | | | | | | | | | |



Start 33.95777 97.36065
Grassland Bird Survey Datasheet

End 33.9569440 97.36045
87.9467

Date: 2014/05/04 Observer: JDR Page 1
Loc: Cross Timbers Rte/Trnsct: A of

If found please contact: Jeremy Ross (419)
575-2414 or Eli Bridge (405) 240-2149

Start: LAT 33.95777 LON -97.36066
Time 08:10 Sky 0 Wind 5 to 10

End: LAT LON
Time : Sky Wind

| TIME | SPECIES | QTY | Hrd/ Seen | Angle (deg) | DIST (m) | NOTES | TIME | SPECIES | QTY | Hrd/ Seen | Angle (deg) | DIST (m) | NOTES |
|-------|---------|-----|--------------|----------------|-------------|--------------|-------|---------|-----|--------------|----------------|-------------|-------------------|
| 08:10 | DICK | 1 | H | -25 | 75 | (S) | 08:28 | STFL | 1 | H | -50 | 130 | |
| : | GRSP | 1 | H | 10 | 50 | | : | WITA | 3 | H | 65 | 250 | H/S (S) |
| : | DICK | 1 | H | 30 | 75 | (S) | : | GRSP | 1 | H | -80 | 70 | (S) |
| : | PABW | 1 | H | -55 | 65 | (S) | :30 | MOD0 | 2 | S | -45 | 150 | (L) |
| : | NOBO | 1 | H | -85 | 250 | (S) | : | MOD0 | 2 | S | -45 | 150 | Had joint above ← |
| : | PABW | 1 | S | -50 | 80 | On wire | : | DICK | 1 | H | -20 | 160 | (S) |
| : | AMCR | 1 | H | 60 | 350 | | :31 | DICK | 1 | H | -5 | 120 | (S) |
| : | WITA | 1 | H | 50 | 250 | (S) Hunting? | : | EAME | 1 | H | -5 | 180 | (S) |
| :12 | NOLA | 1 | H | 90 | 115 | | :32 | GREG | 2 | S | 55 | 250 | (F) |
| : | GRSP | 1 | S | -10 | 55 | (L) | : | STFL | 2 | H | 45 | 90 | (A) |
| : | EAME | 1 | H | -45 | 175 | (S) | : | GRSP | 1 | H | 0 | 55 | (S) |
| :14 | DICK | 1 | H | 55 | 180 | (S) | : | CASP | 1 | H | -35 | 125 | (S) H/S |
| :16 | NOLA | 1 | H | 45 | 250 | | :34 | SAVS | 1 | S | -20 | 20 | (L) Flushed |
| : | FISP | 1 | H | -100 | 150 | | : | GRSP | 1 | S | -40 | 15 | (L) |
| : | LASP | 1 | H | -85 | 40 | H/S (L) | : | GRSP | 1 | S | -40 | 20 | On fence |
| :18 | EABL | 1 | H | -75 | 100 | | : | LASP | 1 | H | -100 | 100 | (S) |



Grassland Bird Survey Datasheet

Date: 2014/05/04

Observer: JDR

Page 1

If found please contact: Jeremy Ross (419) 575-

2414 or Eli Bridge (405) 240-2149

Loc: Red River

Transect: A

GPS unit: 01

Start:

LAT 33.88610

LON -97.29116

End:

LAT

LON

Time 10:40 Cloud 0%

Wind 10-15 mph

Time : Cloud

Wind

| TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES | TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES |
|-------|----------|-----|-----|-------------|----------|---------------|---------|-----------------|-------|------------------------|-----|-----|-------------|----------|---------------|---------|-----------------|
| 10:40 | DICK | 1 | H | -10 | 40 | S | | | 11:02 | DICK | 1 | S | -30 | 85 | | L | |
| : | " | 1 | H | 50 | 80 | S | | | :03 | SAVS | 1 | S | 0 | 20 | | L | |
| : | " | 1 | H | -80 | 125 | S | | | :04 | DICK | 1 | S | -85 | 75 | S | | S/H |
| : | " | 1 | H | -85 | 220 | S | | | :05 | DICK | 1 | S | 0 | 65 | S | | |
| :41 | DICK | 1 | H | -30 | 110 | S | | | :05 | SAVS | 1 | S | 5 | 20 | | L | |
| : | DICK | 1 | S | 20 | 50 | | F | | : | DICK | 1 | H | -70 | 210 | S | | |
| :42 | DICK | 1 | H | 30 | 150 | S | | | : | DICK | 1 | H | 60 | 110 | S | | |
| :44 | DICK | 1 | H | -45 | 140 | S | | | :07 | Sparrow | 1 | S | 0 | 15 | | F | Flushed (SAVS?) |
| : | DICK | 1 | S | -40 | 100 | | | | :08 | DICK | 1 | H | 30 | 140 | S | | |
| : | DICK | 1 | H | 30 | 115 | S | | | :08 | DICK | 1 | H | 45 | 135 | S | | |
| :45 | GRSP | 1 | H | -75 | 80 | S | | | :09 | GRSP | 1 | H | 50 | 35 | S | | |
| : | EAME | 1 | H | -35 | 250 | S | | | :09 | DICK | 1 | H | 25 | 45 | | F | 'Ground' on H/S |
| : | DICK | 1 | H | 25 | 90 | S | | | :10 | DICK | 2 | S | -20 | 20 | P | L | |
| :46 | DICK | 1 | S | -5 | 100 | | | | :11 | DICK | 1 | H | 35 | 120 | S | | |
| : | DICK | 1 | S | 30 | 30 | | L | Female, flushed | :12 | DICK | 2 | S | -80 | 100 | | L | |
| : | DICK | 1 | S | 30 | 25 | | L | " " | :12 | GRSP | 1 | H | 65 | 30 | S | | H/S |
| : | NOBO | 1 | H | -80 | 250 | S | | | :12 | GRSP | 1 | H | 150 | 50 | S | | |
| :48 | STFL | 1 | S | 70 | 75 | | F | | 11:14 | | | | | | | | |
| : | GRSP | 1 | H | 160 | 50 | S | | | 11:15 | GRSP | 1 | S | 0 | 10 | | | On wire |
| :49 | DICK | 2 | S | -45 | 40 | P | | | : | NOMO | 1 | H | 40 | 110 | S | | |
| :50 | DICK | 1 | S | 0 | 70 | | | | :16 | GRSP | 1 | S | 0 | 65 | | L | |
| : | GBHE | 1 | S | -90 | 300 | | F | | : | DICK | 1 | H | 10 | 35 | S | | |
| : | GRSP | 2 | S | -95 | 70 | P | L | | 11:16 | Transitioning habitats | | | | | | | |
| :51 | DICK | 1 | H | 60 | 50 | S | | | :17 | DICK | 1 | H | -90 | 150 | S | | |
| :52 | DICK | 1 | S | 35 | 30 | S | | | :17 | DICK | 1 | S | 30 | 85 | | F | |
| : | DICK | 1 | H | 30 | 40 | | F | | 11:19 | DICK | 1 | H | 75 | 70 | S | | |
| 10:55 | Veg plot | | | | | | | | : | CCSP | 2 | H | 80 | 70 | | | |
| :57 | SAVS | 1 | S | 10 | 25 | | L | | : | Sparrow | 2 | S | 75 | 70 | | L | |
| : | DICK | 1 | S | 35 | 20 | | L | | : | DICK | 1 | S | 75 | 70 | | F | Different ind! |
| : | DICK | 1 | H | -55 | 80 | S | | | :21 | EAME | 1 | H | 35 | 300 | S | | |
| :59 | DICK | 1 | H | -60 | 65 | S | | | :22 | GRSP | 1 | S | 0 | 15 | | L | Flushed |
| : | DICK | 1 | S | -20 | 35 | | L | | :23 | GRSP | 2 | S | 25 | 35 | P | | Fence line |
| 11:01 | DICK | 1 | H | 65 | 100 | S | | | : | GRSP | 1 | S | 40 | 110 | | L | |
| :01 | DICK | 1 | S | -90 | 35 | | L | | : | GRSP | 1 | S | 45 | 70 | | L | |
| :02 | DICK | 1 | H | -20 | 110 | S | | | :24 | EAME | 1 | H | -90 | 150 | | | |

| | Camera | Min height vis obstruct (cm) | Percent cover | | | | | Dist to edge | Habitat types <180m | Notes |
|-----------|--------|------------------------------|---------------|-------|------|------|--------|--------------|----------------------------------|-----------------------|
| | | | Forb | Grass | Dead | Bare | Litter | | | |
| 200 Start | 143 | | 0 | 70 | 0 | 0 | 30 | 8m | Tame grass, pasture | |
| 800 1/3 | 143 | | 5 | 50 | 15 | 5 | 25 | 250m | Tame grass (switchgrass) | Some cut, some stands |
| 400 2/3 | 143 | | 10 | 35 | 40 | 5 | 10 | 300m | Tame grass (switch + feed wheat) | |
| 0 End | | | | | | | | | | |

Before: EAME



Grassland Bird Survey Datasheet

Date: 2014/05/04

Observer: JDR

Page 2

If found please contact: Jeremy Ross (419) 575-

2414 or Eli Bridge (405) 240-2149

Loc: Red River

Transect: A

GPS unit: 91

Start: LAT _____ LON _____

Time 11:24 Cloud _____

Wind _____

End: LAT 33.88589 LON -97.27821

Time 11:38 Cloud 0% Wind 10-15

| TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES | TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES |
|-------|---------|-----|-----|-------------|----------|---------------|---------|-------------------|------|---------|-----|-----|-------------|----------|---------------|---------|-------|
| 11:24 | NOMQ | 1 | S | 60 | 85 | | F | | : | | | | | | | | |
| : | GRSP | 1 | S | -70 | 185 | | | | : | | | | | | | | |
| : | EAME | 1 | S | -75 | 125 | | | | : | | | | | | | | |
| :26 | NOMQ | 1 | S | +65 | 70 | | L | Femur line | : | | | | | | | | |
| :27 | GRSP | 1 | S | 30 | 60 | | | | : | | | | | | | | |
| : | NOBO | 1 | H | 30 | 150 | S | | | : | | | | | | | | |
| :28 | DICK | 1 | H | 50 | 125 | S | | | : | | | | | | | | |
| : | DICK | 1 | H | -40 | 140 | S | | | : | | | | | | | | |
| :29 | GRSP | 1 | S | 0 | 5 | | L | Flashed | : | | | | | | | | |
| : | GRSP | 1 | H | -120 | 45 | S | | | : | | | | | | | | |
| :32 | Sparrow | 1 | S | -20 | 10 | | L | Flashed | : | | | | | | | | |
| :33 | DICK | 1 | H | -10 | 35 | S | | | : | | | | | | | | |
| :35 | GRSP | 1 | S | 90 | 25 | NE | L | Femur line | : | | | | | | | | |
| :35 | GRSP | 1 | H | -120 | 65 | S | | Next 2 eggs found | : | | | | | | | | |



Grassland Bird Survey Datasheet

Date: 05/07/2014 Observer: JDR Page 1

If found please contact: Jeremy Ross (419) 575-

2414 or Eli Bridge (405) 240-2149

Loc: WMWR

Transect: B

GPS unit: 01

Start: LAT 34.68928 LON -98.70993
Time 07:16 Cloud 0% Wind 0-5 mph

End: LAT _____ LON _____
Time : Cloud _____ Wind _____

| TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES | TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES |
|-------|--------------------|-----|-----|-------------|----------|---------------|---------|---------------|-------|--------------------|-----|-----|-------------|----------|---------------|---------|---------------------|
| 07:16 | PABU | 2 | S | -90 | 15 | P | | | 07:45 | Sparrow | 5 | H | 0 | 40 | | F | H/S |
| : | PABU | 1 | H | 85 | 80 | S | | | : | Sparrow | 1 | S | 25 | 185 | | | GRYE |
| :18 | BEGN | 1 | H | 90 | 50 | | L | H/S | : | NOBO | 1 | H | 90 | 200 | | | |
| :20 | PABU | 2 | S | 95 | 40 | A | F | | : | GADW | 2 | S | 25 | 185 | | | |
| : | CASP | 1 | H | -90 | 250 | S | | | : | WPSA | 1 | H | -80 | 200 | | | |
| : | AMCR | 1 | S | -10 | 125 | | F | | :47 | LASP | 2 | S | -20 | 150 | A | L | |
| : | NOCA | 1 | H | 95 | 50 | S | | H/S | :48 | LASP | 1 | S | 50 | 20 | | L | Flushed |
| : | BHCO | 1 | H | -5 | 130 | | F | H/S | : | MEWA | 1 | H | -35 | 150 | S | | |
| :24 | PABU | 1 | H | -75 | 145 | S | | | :49 | Sparrow | 1 | S | -5 | 15 | | L | Flushed, small |
| : | BLGR | 1 | H | -40 | 150 | S | | | : | KILL | 1 | H | -10 | 100 | | | |
| :25 | LASP | 1 | S | 50 | 35 | | F | | :51 | RWBL | 1 | S | 0 | 100 | | L | Female |
| :28 | PABU | 1 | H | -75 | 100 | S | | | :52 | CCSP | 2 | S | -5 | 35 | | L | |
| : | NOCA | 1 | H | -110 | 135 | S | | | :52 | BARB | 1 | S | 10 | 85 | | F | |
| :29 | LASP | 1 | S | 40 | 170 | | F | | : | PABU | 1 | H | -20 | 100 | S | | |
| :31 | GRSP | 1 | S | -5 | 15 | | L | | : | DICK | 1 | H | -25 | 140 | S | | |
| : | DICK | 2 | H | 50 | 85 | | F | H/S | :54 | WERL | 1 | S | 0 | 65 | | L | |
| : | WERL | 1 | S | -40 | 120 | | | On fence | :55 | TUVU | 1 | S | 35 | 80 | | F | Flushed |
| : | LASP | 1 | S | -60 | 125 | | F | | :57 | CCSP | 1 | S | 0 | 25 | | | |
| : | Sparrow | 1 | S | -50 | 150 | | F | | 08:05 | BARB | 1 | S | -30 | 90 | | F | |
| :34 | SAVS | 2 | S | -35 | 150 | | | On fence | :07 | LASP | 1 | H | 20 | 65 | S | | |
| : | Sparrow | 1 | S | -30 | 65 | | L | GRSP | :09 | LASP | 1 | H | -55 | 160 | S | | |
| :37 | GRSP | 1 | H | -90 | 60 | S | | | :11 | PABU | 1 | H | -70 | 150 | S | | |
| : | FISP | 1 | H | -85 | 180 | | | | : | FISP | 1 | H | -65 | 200 | S | | |
| : | CASP | 1 | H | -70 | 250 | S | | | : | EABL | 1 | H | -65 | 160 | | | |
| : | SAVS | 2 | S | 30 | 40 | | L | | :13 | LASP | 1 | H | -45 | 70 | | L | H/S |
| : | DICK | 1 | H | -65 | 110 | | | | :1 | LASP | 1 | S | -55 | 60 | A | | Fought w LASP above |
| : | STFL | 3 | S | -65 | 150 | | | | :14 | CASP | 1 | H | 70 | 200 | S | | |
| : | SAVS | 8 | S | 35 | 35 | | L | Flushed | :1 | Sparrow | 1 | S | 60 | 120 | | F | |
| :41 | Sparrows | 4 | S | -25 | 40 | | L | Flushed CCSP? | :16 | BHCO | 1 | H | 120 | 150 | | F | H/S |
| : | RWBL | 1 | H | 0 | 135 | | | | :17 | CASP | 1 | H | -5 | 80 | S | | |
| : | LASP | 1 | S | -80 | 35 | | F | | : | CCSP | 1 | S | -5 | 20 | | | |
| : | LASP | 1 | H | 75 | 180 | S | | | : | CHSP | 1 | S | -5 | 20 | | | |
| :43 | DICK | 1 | H | -60 | 290 | S | | | : | STFL | 1 | H | -110 | 100 | | | |
| :45 | LASP | 2 | S | 20 | 200 | A | L | | : | KILL | 1 | H | -100 | 200 | | | |
| : | RWBL | 1 | S | 20 | 200 | | | | : | WITU | 1 | H | -90 | 400 | | | |

| | Camera | Min height vis obstruct (cm) | Percent cover | | | | | Dist to edge | Habitat types <180m | Notes |
|-------|--------|------------------------------|---------------|-------|------|------|--------|--------------|-----------------------------------|-------|
| | | | Forb | Grass | Dead | Bare | Litter | | | |
| Start | Phone | X | 20 | 5 | 5 | 65 | 5 | 5m | Standing prairie, woodland | |
| 1/3 | 1 | | 15 | 5 | 15 | 55 | 10 | 30m | Standing prairie, water, riparian | |
| 2/3 | | | | | | | | | | |
| End | | | | | | | | | | |

Before: CHSP



Grassland Bird Survey Datasheet

Date: 2014/05/07

Observer: JDR

Page 2

If found please contact: Jeremy Ross (419) 575-

2414 or Eli Bridge (405) 240-2149

Loc: WMWR

Transect: B

GPS unit: 01

Start:

LAT

LON

Time

:

Cloud

Wind

End:

LAT 34.68992

LON -98.73688

Time 09:40

Cloud 0%

Wind 5-10

| TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES | TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES |
|-------|-------------|-----|-----|-------------|----------|---------------|---------|------------------------|-------|---------|-----|-----|-------------|----------|---------------|---------|-----------------|
| 08:24 | CCSP | 1 | S | -70 | 40 | | | | 08:58 | NOLA | 1 | H | -90 | 250 | | | |
| :1 | CASP | 1 | S | -10 | 20 | A | | Fighting above CASP | :1 | CASP | 1 | H | -90 | 200 | S | | |
| :26 | GRSP | 1 | S | -15 | 15 | | L | | : | CCSP | 1 | H | 10 | 80 | | | |
| :28 | CCSP | 1 | S | -20 | 10 | | L | Flushed | : | CASP | 1 | H | -35 | 200 | S | | |
| :1 | LASP | 1 | S | 5 | 30 | | | | : | PABU | 1 | H | -90 | 150 | S | | |
| :29 | LASP | 2 | S | 10 | 40 | C | L | Copulation (d.p. pair) | 09:00 | CCSP | 1 | H | -30 | 150 | | | |
| :30 | CCSP | 2 | S | -80 | 65 | | L | | :01 | NOBO | 1 | H | -35 | 180 | S | | |
| :1 | BLGR | 1 | H | -30 | 130 | S | | | :1 | NOBO | 1 | H | -40 | 300 | S | | |
| :34 | UPSA | 1 | H | -50 | 125 | | | | :03 | GRSP | 1 | S | 55 | 20 | | L | Flushed |
| :36 | hawk | 1 | S | -75 | 180 | | L | BLA or SWA? | :1 | BHCO | 1 | S | 30 | 150 | | F | Assoc. w bison |
| :1 | CASP | 1 | H | -80 | 150 | S | | | :1 | CHSP | 1 | H | -50 | 120 | | | |
| :1 | EAME | 1 | H | -85 | 350 | S | | | :07 | CCSP | 1 | H | -35 | 150 | | | |
| : | CCSP | 2 | H | -75 | 90 | | | Femur line | : | PABU | 1 | H | -25 | 220 | S | | |
| :39 | CASP | 1 | H | 30 | 100 | | | | : | CASP | 1 | H | -10 | 175 | | | |
| :41 | Sparrow | 4 | S | 10 | 20 | | F | Flushed, small | :08 | LASP | 1 | H | 30 | 280 | | | |
| :41 | Sparrow | 4 | S | -40 | 35 | | F | Flushed, small | :1 | BHCO | 1 | S | 30 | 100 | | L | Joined bison |
| :1 | PABU | 1 | H | -60 | 150 | S | | | :11 | GRSP | 1 | H | -100 | 65 | S | | |
| :42 | CEDW | 10 | S | 5 | 70 | | F | | :11 | UASP | 1 | S | -15 | 100 | | | Femur line |
| :44 | LASP | 1 | S | -5 | 140 | | L | | :19 | CASP | 1 | H | -35 | 250 | | | 40° |
| :1 | LASP | 1 | S | 15 | 175 | S | | | : | PABU | 1 | H | -30 | 250 | | | |
| :1 | CASP | 1 | H | -60 | 170 | | | | :24 | LASP | 1 | H | -70 | 200 | S | | Femur line 175m |
| :1 | LASP | 1 | S | -60 | 90 | | L | | :1 | AMCR | 1 | H | 0 | 250 | | | |
| :1 | GRSP | 1 | H | -95 | 50 | S | | | :1 | BHCO | 1 | S | 0 | 200 | | L | Joined bison |
| :45 | Hummingbird | 1 | S | 10 | 65 | | F | | :1 | BHCO | 1 | S | 5 | 220 | | L | |
| :1 | CASP | 1 | S | 70 | 20 | | L | Flushed | :27 | Sparrow | 1 | S | 60 | 150 | | L | |
| :49 | Sparrow | 1 | S | -5 | 50 | | F | Small | :29 | PABU | 1 | H | 85 | 250 | S | | |
| :50 | SAVS | 1 | S | 20 | 40 | | F | | :31 | CHSP | 3 | H | -45 | 15 | | | In trees |
| :1 | PABU | 1 | H | 35 | 100 | S | | | :32 | GRSP | 1 | H | -30 | 75 | | | |
| :1 | GRSP | 1 | H | -35 | 70 | S | | | :1 | CHSP | 3 | S | -5 | 20 | | | About trees |
| :1 | CCSP | 1 | S | -30 | 60 | | L | | :33 | CHSP | 2 | S | -5 | 10 | | L | Flushed |
| :1 | CCSP | 1 | H | -45 | 110 | | | | : | | | | | | | | |
| :52 | GADW | 2 | S | 45 | 200 | P | | Pond | : | | | | | | | | |
| :55 | GRSP | 1 | H | -50 | 50 | S | | | : | | | | | | | | |
| :1 | CASP | 1 | S | -45 | 50 | S | | | : | | | | | | | | |
| :1 | LASP | 1 | S | -55 | 75 | | L | | : | | | | | | | | |

| Start | Camera | Min height vis obstruct (cm) | Percent cover | | | | | Dist to edge | Habitat types <180m | Notes |
|-------|--------|------------------------------|---------------|-------|------|------|--------|--------------|--------------------------------------|--------------|
| | | | Forb | Grass | Dead | Bare | Litter | | | |
| 1/3 | | | | | | | | | | |
| 2/3 | Phone | | 5 | 45 | 20 | 10 | 20 | 200m | Standing prairie, woodland | Bison grazed |
| End | Phone | | 0 | 30 | 35 | 10 | 15 | 40 | Standing prairie, woodland, riparian | |



Grassland Bird Survey Datasheet

Date: 2014 / 05 / 16

Observer: JDR

Page 1

If found please contact: Jeremy Ross (419) 575-

2414 or Eli Bridge (405) 240-2149

Loc: Cim Bluffs

Transect: D

GPS unit: o1

Start: LAT 36.80503 LON -99.35384
Time 08:42 Cloud 70% Wind 0-5

End: LAT _____ LON _____
Time : Cloud Wind

| TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES | TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES |
|-------|------------|-----|-----|-------------|----------|---------------|---------|-------------|-------|------------|-----|-----|-------------|----------|---------------|---------|---------------------------|
| 8:42 | EAME | 1 | H | -90 | 65 | S | | | 09:15 | EAME | 1 | H | -90 | 225 | S | | |
| :42 | EAME | 1 | H | +90 | 50 | S | | | :16 | EAME | 1 | H | -85 | 90 | | | H/s chatter |
| :1 | GRSP | 1 | H | -90 | 50 | S | | | :1 | GRSP | 1 | S | 0 | 75 | | L | |
| :44 | Meadowlark | 1 | H | -80 | 130 | | | | :20 | EAME | 1 | H | -85 | 150 | | | Chatter, Famine |
| :45 | TUVU | 1 | S | 60 | 400 | | F | | :1 | GRSP | 1 | H | +90 | 70 | S | | |
| :1 | RTHA | 1 | S | 75 | 350 | | | | :23 | CLSW | 1 | S | -50 | 25 | | F | |
| :1 | STFL | 1 | S | -10 | 70 | | F | | :24 | EAME | 1 | H | -35 | 200 | | | |
| :1 | LASP | 1 | H | -10 | 35 | | L | H/s | :1 | CLSW | 1 | S | 50 | 80 | | F | |
| :1 | LASP | 2 | H | 45 | 50 | P | L | H/s | :27 | LASP | 3 | S | -20 | 75 | | F | |
| :48 | STFL | 1 | S | -110 | 75 | CF | F | | :28 | GRSP | 1 | S | 90 | 125 | | L | |
| :49 | GRSP | 1 | H | 40 | 40 | | | | :30 | GRSP | 1 | H | -100 | 50 | | | Chatter |
| :1 | GRSP | 1 | S | 35 | 65 | | | | :37 | STFL | 1 | H | -115 | 110 | | | H/s |
| :1 | EAME | 1 | H | 45 | 300 | S | | | :1 | GRSP | 1 | H | 90 | 100 | S | | H/s |
| :1 | EAME | 1 | S | -150 | 30 | | F | | :1 | WEWE | 1 | H | 60 | 350 | S | | |
| :52 | CASP | 1 | H | 45 | 180 | S | | | :1 | CASP | 1 | H | 35 | 220 | S | | |
| :53 | CLSW | 1 | S | 50 | 90 | | F | | :1 | LASP | 1 | S | 40 | 95 | | | |
| :54 | LASP | 1 | S | 60 | 130 | | L | | :40 | Meadowlark | 1 | H | -55 | 180 | | | Rattle (WEWE?) |
| :56 | BHCO | 1 | S | 0 | 250 | | F | | :42 | Shorebird | 80 | H | -110 | 350 | | F | H/s Small peep? |
| :1 | LASP | 1 | H | -115 | 200 | S | | | :1 | " | 50 | H | -110 | 350 | | F | H/s Mid-sized, High above |
| :1 | WEWE | 1 | H | -90 | 300 | S | | | :43 | CCSP | 2 | S | 0 | 50 | | L | |
| :58 | LASP | 1 | S | -45 | 80 | | L | | :1 | CASP | 1 | H | -90 | 220 | S | | |
| :59 | RWBL | 1 | S | 0 | 140 | | L | | :1 | EAME | 1 | H | -100 | 200 | S | | |
| 09:00 | KILL | 1 | H | 0 | 130 | | | | :44 | LASP | 1 | S | 0 | 20 | C | L | Joined by |
| :1 | GRSP | 1 | S | 75 | 60 | | | Famine | :1 | TUVU | 1 | S | 60 | 200 | | F | |
| :02 | CLSW | 1 | S | 90 | 25 | | F | | :46 | CCSP | 1 | S | 5 | 50 | | L | |
| :03 | GRSP | 1 | S | 75 | 5 | | L | Flushed | :47 | CCSP | 1 | S | 0 | 70 | | | |
| :1 | RWBL | 1 | H | 70 | 120 | | | | :50 | BHCO | 1 | S | 15 | 75 | | F | |
| :1 | BHCO | 1 | H | 35 | 140 | | | H/s male | :52 | GRSP | 1 | H | -40 | 50 | S | | |
| :06 | RWBL | 2 | H | -10 | 70 | | | Around pond | :53 | CASP | 1 | H | -50 | 180 | S | | |
| :1 | EAME | 1 | H | 10 | 240 | | | | :57 | GRSP | 1 | H | -125 | 65 | S | | |
| :07 | MODO | 3 | S | -50 | 70 | | F | | :1 | BAOR | 2 | S | -90 | 100 | P | L | |
| :09 | GRSP | 1 | H | -80 | 100 | | | | :1 | LASP | 1 | S | -45 | 70 | S | | S/H |
| :13 | Sparrow | 1 | S | -20 | 10 | | L | Flushed | :1 | AMGO | 1 | H | 90 | 225 | | L | |
| :1 | GRSP | 1 | H | 30 | 40 | S | | | :59 | TUVU | 1 | S | 0 | 350 | | F | |
| :14 | CASP | 2 | S | -75 | 25 | | | | 10:01 | LASP | 1 | S | -85 | 65 | | | |

| | Camera | Min height vis obstruct (cm) | Percent cover | | | | | Dist to edge | Habitat types <180m | Notes |
|-------|--------|------------------------------|---------------|-------|------|------|--------|--------------|---------------------------|-------|
| | | | Forb | Grass | Dead | Bare | Litter | | | |
| Start | 1507 | | 5 | 15 | 50 | 10 | 20 | 1m | Standing prairie, pasture | |
| 1/3 | | | 20 | 20 | 30 | 25 | 5 | 325m | Standing prairie, rocky | |
| 2/3 | | | | | | | | | | |
| End | | | | | | | | | | |

Before EAME, CASP



Grassland Bird Survey Datasheet

Date: 2014 / 05 / 16

Observer: JDR

Page 4

If found please contact: Jeremy Ross (419) 575-

2414 or Eli Bridge (405) 240-2149

Loc: Cim Bluffs

Transect: D

GPS unit: OI

Start:

LAT

LON

Time

: Cloud

Wind

End:

LAT 36.84124

LON -99.35415

Time 11:20 Cloud 10%

Wind 5-10

| TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES | TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES |
|-------|---------|-----|-----|-------------|----------|---------------|---------|---------|-------|---------|-----|-----|-------------|----------|---------------|---------|----------------------------|
| 10:01 | GRSP | 1 | S | -100 | 100 | | L | | 10:44 | GRSP | 1 | S | 30 | 25 | | L | Flushed |
| :06 | GRSP | 1 | S | 85 | 40 | S | | S/H | :48 | GRSP | 1 | S | 35 | 65 | | L | |
| :07 | GRSP | 2 | H | -130 | 60 | P | | H/S | :1 | CASP | 1 | H | 35 | 225 | S | | 125m |
| :11 | EAME | 1 | H | -90 | 200 | S | | | : | GRSP | 1 | H | -70 | 75 | S | | |
| : | GRSP | 1 | H | -90 | 65 | | | | : | GRSP | 1 | S | -25 | 65 | | L | |
| : | WEWE | 1 | H | -85 | 200 | S | | | :50 | GRSP | 1 | S | 55 | 85 | | L | |
| : | CASP | 1 | H | 95 | 210 | S | | | :53 | GRSP | 1 | H | -90 | 65 | S | | |
| :12 | GRSP | 1 | H | 30 | 60 | S | | Chatter | 11:00 | GRSP | 1 | S | 15 | 40 | | L | Flushed |
| :1 | GRSP | 1 | H | -85 | 75 | S | | Chatter | : | LOSH | 1 | S | 45 | 175 | A | | Attacking owl |
| :13 | MODO | 1 | S | 0 | 250 | | L | | : | MODO | 1 | H | 80 | 50 | | | H/S |
| :1 | MODO | 1 | S | -80 | 120 | | F | | : | MEAB | 1 | H | 60 | 190 | | | Rattle (EAME?) |
| :14 | MODO | 1 | S | -10 | 200 | | L | | : | EAME | 1 | H | -140 | 150 | | | |
| :15 | CASP | 1 | S | -45 | 35 | S | L | S/H | :02 | MEAB | 1 | S | 5 | 250 | | L | |
| :16 | CASP | 1 | S | 5 | 45 | | L | | :1 | RTHA | 1 | S | 50 | 300 | | L | |
| :16 | EAME | 1 | H | 15 | 160 | S | | H/S | :05 | TUVA | 1 | S | 10 | 400 | | F | |
| : | LASO | 1 | H | -10 | 150 | S | | | :1 | UPSA | 1 | H | 90 | 150 | | | |
| : | CLSP | 1 | S | 10 | 30 | | L | | :07 | Sparrow | 1 | S | -85 | 75 | | L | |
| :21 | CASP | 1 | S | 10 | 40 | | L | | :07 | NOMO | 1 | H | 145 | 300 | S | | |
| :22 | GRSP | 1 | S | -5 | 15 | | L | Flushed | :1 | MEAB | 1 | S | 5 | 90 | | | |
| :1 | GRSP | 1 | H | -80 | 50 | | | | :12 | Sparrow | 1 | S | 65 | 75 | | L | GRSP |
| :1 | EAME | 1 | H | -40 | 200 | S | | | :1 | GRSP | 1 | S | 30 | 110 | | L | |
| :23 | WEWE | 1 | H | -120 | 250 | S | | | : | EAME | 1 | H | 35 | 150 | | | |
| :24 | MODO | 1 | H | 35 | 400 | S | | | :14 | NOFL | 1 | S | 25 | 250 | | L | Possible hybrid/integrator |
| :24 | Sparrow | 1 | S | 0 | 200 | | F | | :15 | MODO | 1 | S | 0 | 50 | | F | |
| :27 | MODO | 1 | S | 0 | 150 | | F | | :16 | GRSP | 2 | S | 10 | 80 | A | L | |
| :30 | MODO | 2 | S | -100 | 80 | P | L | | :17 | EAME | 1 | S | -40 | 90 | | L | |



Grassland Bird Survey Datasheet

Date: 2014/05/17

Observer: JDR

Page 1

If found please contact: Jeremy Ross (419) 575-

2414 or Eli Bridge (405) 240-2149

Loc: Cim Hills

Transect: D

GPS unit: 01

Start:

LAT 36.93097

Lon -99.39962

End:

LAT

Lon

Time 08:06 Cloud 100% (foggy) Wind 0-5 (humid)

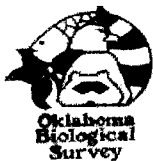
Time : Cloud

Wind

| TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES | TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES |
|-------|---------|-----|-----|-------------|----------|---------------|---------|----------------|-------|---------|-----|-----|-------------|----------|---------------|---------|--------------------|
| 08:06 | MODO | 1 | S | -40 | 50 | | F | | 08:41 | WEME | 1 | H | -25 | 300 | | | |
| : | " | 1 | S | -60 | 100 | | F | | :48 | EAKI | 1 | S | -35 | 40 | | F | |
| : | NOMO | 1 | H | -80 | 200 | | | | : | RNPH | 1 | H | 85 | 250 | | | |
| : | NOBO | 1 | H | -50 | 200 | | | | :52 | AMCR | 1 | S | -30 | 300 | | F | |
| :09 | CASP | 1 | H | 70 | 200 | S | | | :58 | WEME | 1 | H | -20 | 200 | S | | |
| : | EAME | 1 | H | 65 | 350 | S | | | : | RNPH | 1 | H | 140 | 300 | A | F | Chasing previous |
| :10 | CASP | 1 | H | -80 | 200 | S | | | 9:02 | NOBO | 1 | H | 0 | 250 | | | |
| : | CASP | 1 | H | 35 | 150 | S | | | : | FISP | 1 | H | 60 | 135 | S | | |
| : | NOMO | 1 | H | 60 | 190 | S | | | : | NOBO | 1 | H | -5 | 300 | | | |
| :12 | MODO | 2 | S | 5 | 250 | | F | | :10 | RNPH | 1 | H | 45 | 200 | | | |
| : | CASP | 1 | H | 108 | 150 | S | | | : | FISP | 1 | S | 0 | 10 | NE L | F | Flushed |
| : | EAME | 1 | H | -10 | 120 | | F | H/S | :14 | WEME | 1 | H | -15 | 300 | S | | |
| :13 | MODO | 1 | S | 90 | 90 | | | | :16 | BHCO | 1 | H | -50 | 110 | | H | H/S |
| :14 | BAOR | 1 | S | -10 | 100 | | F | | 09:20 | TUVU | 1 | S | 0 | 500 | | F | |
| : | NOBO | 1 | H | -15 | 150 | | | | : | BRTH | 1 | H | 35 | 165 | S | | |
| : | NOBO | 1 | H | 80 | 150 | | | | : | CASP | 1 | H | 90 | 140 | S | | |
| :17 | EAME | 1 | H | -55 | 140 | | | Chatter | :25 | CASP | 1 | H | -15 | 100 | S | | |
| : | CASP | 1 | H | -60 | 250 | S | | | : | RNPH | 1 | H | -10 | 150 | | | |
| :21 | LASP | 2 | S | -5 | 175 | | P | | :27 | Sparrow | 1 | S | -50 | 250 | | F | |
| :21 | BHCO | 1 | S | 20 | 125 | | L | | : | WEME | 1 | H | 50 | 320 | S | | |
| :24 | NOBO | 1 | S | -5 | 5 | | F | Flushed | :32 | CASP | 1 | H | -65 | 125 | S | | H/S Flight display |
| : | NOBO | 1 | S | 75 | 15 | | F | " | :33 | RNPH | 1 | H | 15 | 110 | S | | |
| :26 | BHCO | 1 | S | 10 | 150 | | P | | :35 | NOBO | 1 | S | -10 | 30 | | F | Flushed |
| : | LASP | 1 | H | 5 | 130 | S | | H/S | : | MODO | 1 | H | 35 | 100 | | | |
| :31 | MODO | 1 | S | -50 | | | F | | :37 | BHCO | 1 | S | 60 | 80 | | | S/H |
| : | BEVL | 1 | H | -45 | 130 | S | | | : | MODO | 1 | S | -85 | 50 | | | |
| : | CASP | 1 | H | 70 | 150 | S | | | :39 | LASP | 1 | H | -30 | 110 | S | | |
| : | CASP | 1 | H | -50 | 100 | S | | | :42 | BAOR | 1 | S | -5 | 40 | | F | |
| :32 | FISP | 1 | H | -45 | 140 | S | | | :43 | BRTH | 1 | H | -50 | 120 | S | | |
| : | EAME | 2 | S | -80 | 90 | | F | | :44 | WEME | 1 | H | -60 | 150 | S | | |
| :36 | LASP | 1 | H | -70 | 160 | S | | | :45 | CLSW | 1 | S | 5 | 75 | | F | |
| :38 | CASP | 1 | H | 45 | 210 | S | | | :46 | CASP | 1 | H | -90 | 175 | S | | |
| : | FISP | 1 | H | 75 | 230 | S | | | : | GRSP | 1 | H | 95 | 60 | S | | |
| :40 | BLGR | 1 | S | 25 | 45 | | L | Female | :49 | CASP | 1 | H | 5 | 130 | S | | H/S Flight display |
| : | Sparrow | 4 | S | 0 | 45 | | L | CCSP in mottle | : | CASP | 1 | H | -25 | 165 | S | | |

| | Camera | Min height vis obstruct (cm) | Percent cover | | | | | Dist to edge | Habitat types <180m | Notes |
|-------|--------|------------------------------|---------------|-------|------|------|--------|--------------|---|-------|
| | | | Forb | Grass | Dead | Bare | Litter | | | |
| Start | 1507 | | 15 | 15 | 20 | 45 | 5 | 5m | Scrub, open water, riparian, standing grasses | |
| 1/3 | | | 50 | 10 | 10 | 25 | 5 | 800m | Scrub, | |
| 2/3 | | | | | | | | | | |
| End | | | | | | | | | | |

Before: EAKI, LOSH, WESA, WIPH



Grassland Bird Survey Datasheet

Date: 2014/05/17

Observer: JDR

Page 2

If found please contact: Jeremy Ross (419) 575-2414 or Eli Bridge (405) 240-2149

Loc: Cim Hills

Transect: D

GPS unit: 01

Start:

LAT

LON

Time

:

Cloud

Wind

End:

LAT 36.94432

LON -99.37408

Time

10:47

Cloud

100%

Wind

0-5

| TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES | TIME | SPECIES | QTY | H/S | Angle (deg) | DIST (m) | Breeding Code | Flying? | NOTES |
|-------|---------|-----|-----|-------------|----------|---------------|---------|----------------|-------|---------|-----|-----|-------------|----------|---------------|---------|-----------------|
| 09:50 | NOBO | 1 | H | -30 | 250 | | | | 10:44 | MODD | 1 | S | -15 | 80 | | F | |
| :1 | BRTH | 1 | H | -65 | 220 | S | | | :1 | CASP | 1 | H | -60 | 100 | S | | within transect |
| :57 | NOBO | 1 | H | 0 | 150 | | | | : | | | | | | | | |
| : | CASP | 1 | H | 20 | 55 | S | | H/S | : | | | | | | | | |
| : | MODD | 1 | S | 65 | 90 | | | Familiar S/H | : | | | | | | | | |
| : | FISP | 1 | H | -60 | 100 | S | | | : | | | | | | | | |
| 10:00 | NOBO | 2 | S | 0 | 25 | | F | Flushed (plus) | : | | | | | | | | |