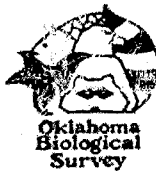


Entered 5/27



Grassland Bird Survey Datasheet

Date: 05 / 27 / 2013 Observer: JBT Page 1/2

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

Loc: Wichita Mtns. NWR Rte/Trnsct: 801 GPS unit: 05

Start: LAT 34.68984°N LON 98.70985°W
Time 6:40 Cloud 10% Wind SSE → NNW

End: LAT 34.69005°N LON 98.73691°W
Time 8:11 Cloud 90% Wind 20 mph SSE → NNW

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
6:40	BLVU	1	S	+45	25	Flyover (F)	7:30	MODO	1	H	-80	48	
6:40	NOBO	1	H	-70	200	Mid. Sing	7:31	NOCA	1	S	-60	55	
6:45	BEGN	1	H	-80	130		7:32	LASP	2	H	+45	52	
6:48	BLVU	1	S	-80	110	Perched on snag	7:34	LASP	1	H	+40	60	
6:49	LASP	1	S	+15	23	Trees	7:38	BLGR	1	S	-65	92	
6:50	AMCR	1	H	-10	250	Over horizon	7:38	MODO	3	S	0	135	Passing
6:51	MODO	1	H	-50	140		7:40	LISP	1	H	-60	80	
6:53	LASP	1	H	-36	130		7:40	NOBO	1	H	-45	110	
6:55	BLGR	1	S	-35	80	Fence	7:41	LASP	1	H	+85	23	
6:58	CASP	1	H	-40	140		7:43	MODO	1	S	0	42	Passing
6:58	BLVU	1	S	0	100	Passing	7:44	CASP	1	H	-45	75	
6:59	MODO	1	S	+80	22	Flushed	7:45	MODO	5	S	-27	26	Flushed
7:01	RWBL	2	S	+12	120	Antagonistic	7:45	MODO	1	S	+82	60	
7:03	BW Tow	4	S	+90	120	Flushed	7:47	FISP	1	H	-45	72	
7:03	DICK	1	S	0	52	Snag willow	7:47	NOBO	1	H	-30	135	
7:08	FISP	1	H	-84	54		7:48	Killdeer	1	H	-45	70	
7:08	NOBO	1	H	-61	135		7:49	MODO	1	S	-80	48	Fence
7:08	FISP	1	H	-65	65		7:49	MODO	1	S	45	20	
7:14	LASP	2	S	-87	42	Fence	7:49	MODO	1	S	30	43	
7:14	LASP	1	S	-93	42	Fence	7:50	MODO	3	S	35	50	
7:15	DROR	1	S	-37	97	Tree	7:52	NOBO	1	H	-50	110	
7:15	LASP	1	S	-61	58	Fence	7:52	LASP	1	S	-30	90	
7:17	DICK	1	S	+38	42	Antagonistic ↑	7:52	CABL	1	H	-45	160	
7:17	LASP	1	S	+38	42	Tree	7:56	LASP	1	H	-45	78	Fence
7:17	NOBO	1	H	-85	125		7:57	SCFL	1	H	-180	105	
7:18	LASP	1	S	-60	53		7:58	Canada Goose	9	S	700	0	Passing
7:21	FISP	1	H	-45	95		7:58	NOBO	1	H	-30	80	
7:22	FISP	1	H	-38	100		7:59	MODO	3	S	-30	95	
7:23	RWBL	1	S	-25	27	Passing, Cauded	8:00	MODO	1	S	-30	27	
7:28	TUVU	1	S	-45	200	Passing	8:03	LASP	1	H	-90	65	
7:30	LASP	1	S	-80	28		8:03	WEKI	1	H	-55	52	Fence
7:30	LASP	1	S	-25	110		8:04	MODO	1	S	+85	17	
7:30	LASP	1	S	-87	48	Copulating	8:06	Killdeer	1	H	-90	100	Pub. Flying

START VEGETATION SURVEY

Minimum height of visual obstruction (cm): _____

Ground cover (% from above):

Grasses	_____
Bare ground	_____
Forbs	_____
Litter	_____
Standing Dead	_____

END VEGETATION SURVEY

Minimum height of visual obstruction (cm): _____

Ground cover (% from above):

Grasses	_____
Bare ground	_____
Forbs	_____
Litter	_____
Standing Dead	_____

Standing Dead



Grassland Bird Survey Datasheet

Date: 05/27/2013 Observer: JBT Page 1/1

Loc: Wich. Mtns. NWR Rte/Trnsect: B02 GPS unit: 05

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

Start: LAT 34.69367°N LON 98.73205°W
Time 8:24 Cloud 95 Wind 1-25 mph
SSW → NNW

End: LAT 34.69362°N LON 98.71189°W
Time 9:03 Cloud 100 Wind 25 mph
SSW → NNW

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
8:24	MODD	1	S	0	0	Flyover (F)	:						
8:28	DROR	1	S	+90	32		:						
8:29	BLP	3	S	0	160	Flyover (F)	:						
8:30	MODD	1	S	0	105	Flyover (F)	:						
8:31	PARS	1	S	10	45		:						
8:34	CASP	2	S	-45	25		:						
8:34	MODD	1	S	+78	160		:						
8:36	MODD	3	S	-70	35		:						
8:37	SCFL	1	H	-37	200		:						
8:37	MODD	2	S	-30	190		:						
8:38	MODD	1	S	-5	105		:						
8:37	MODD	2	S	0	22	Flyover (F)	:						
8:40	LASP	1	H	-90	25		:						
8:40	WEKI	1	H	+85	80		:						
8:41	MODD	1	S	+20	16		:						
8:41	MODD	1	S	+10	260		:						
8:45	FISP	1	H	10	130		:						
8:48	FISP	1	H	-10	100		:						
8:45	Canada Goose	4	H	0	165		:						
8:48	NOBO	1	H	+80	190		:						
8:48	LASP	1	H	-20	140		:						
8:50	LASP	1	H	-55	180		:						
8:50	NOBO	1	H	-45	190		:						
8:51	LASP	1	H	-60	120		:						
8:53	LASP	1	H	-70	40		:						
8:57	MODD	1	S	-20	100		:						
8:57	LASP	1	H	-20	65		:						
8:57	MODD	2	S	+20	30		:						
8:58	Killdeer	1	H	-110	65		:						
8:58	BLP	5	S	-120	60		:						
9:01	LASP	1	H	-80	35		:						
9:01	SCFL	1	S	+140	55	Song	:						
9:02	BEWR	1	S	+10	85	Singing (S)	:						

START VEGETATION SURVEY

Minimum height of visual obstruction (cm): _____

Ground cover (% from above):

Bare ground _____

Litter _____

Grasses _____

Forbs _____

Standing Dead _____

END VEGETATION SURVEY

Minimum height of visual obstruction (cm): _____

Ground cover (% from above):

Bare ground _____

Litter _____

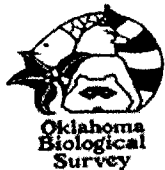
Grasses _____

Forbs _____

Standing Dead _____

labeled as "S" as predicted

Standing Dead



Grassland Bird Survey Datasheet

Date: 05/29/2013 Observer: JBT Page 1

Loc: Hackberry Flats Rte/Trnsct: A2

GPS unit: 05

If found please contact: Jeremy Ross (419)

575-2414 or Eli Bridge (405) 240-2149

Start: LAT 34.29769°N LON 098.96549°W
Time 7:24 Cloud 95 Wind 15-20 mph SE → NW

End: LAT 34.31235°N LON 98.96546°W
Time 8:31 Cloud 80 Wind 15-20 SE → NW

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
7:26	RWBL	1	S	135	96	Singing	8:14	RWBL	2	S	0	15	Flyover
7:26	ICLL	1	S	+130	20		8:14	MODD	1	S	-30	4	Flushed, on Nest w/eggs
7:26	NOBO	1	H	120	80	Singing	8:16	EAME	1	H	-75	100	
7:26	RWBL	2	H	-115	-144	Singing	8:16	MODD	3	S	0	140	Flyover
7:26	DICK	2	H	-170	190	Singing	8:18	MODD	1	S	-15	200	Flyover
7:32	RWBL	1	S	+40	300		8:18	NOBO	1	H	+70	220	3
7:35	EAME	1	H	+60	350	Edge of Field	8:18	Phoebe	1	H	+70	80	S
7:35	DICK	1	H	+65	340	Edge of Field	8:18	MODD	1	S	-60	135	
7:36	MODD	2	S	+90	45	Flyover	8:18	SCFL	2	S	-33	54	Courtship
7:40	BARS	1	S	-90	65	Flyover	8:24	GRFL	1	S	+85	55	NOMO Mimic, Already Recorded
7:41	MODD	2	S	-20	180	Flyover	8:26	EAME	1	H	50	150	S
7:45	EAME	1	S	+23	150	Powerline	8:26	BUOR	1	S	-60	84	S, Scolding ♀
7:45	MODD	1	S	+20	145	Powerline	8:26	CONI	1	S	-20	30	F
7:46	NOBO	1	H	+35	180	Singing	8:26	MODD	1	S	-20	65	F
7:46	NOBO	1	H	+45	200	Singing	8:31	GRGR	1	S	+90	200	F
7:46	MODD	2	S	+50	220	Flyover	:	:	:	:	:	:	:
7:50	SCFL	1	H	+80	70	S	:	FROM A2B to Extract					
7:50	SCFL	1	H	+60	55	S	:	EAME, CONI, NOMO, BRCO					
7:51	NOMO	1	H	+55	80	S	:	MODD, NOBO, GRFL					
7:54	BRCO	2	S	0	+20	Flyover	:	:	:	:	:	:	:
7:54	EAME	1	H	+90	60	S	:	:	:	:	:	:	:
7:54	EAME	1	H	-20	130	S	:	:	:	:	:	:	:
7:54	MODD	1	H	+90	85	H	:	:	:	:	:	:	:
7:59	BUOR	1	S	-90	110	Singing	:	:	:	:	:	:	:
8:00	CONI	1	S	+90	8	Flushed	:	:	:	:	:	:	:
8:02	MODD	1	S	-60	22	Flushed	:	:	:	:	:	:	:
8:04	CONI	1	S	0	30	Flyover	:	:	:	:	:	:	:
8:05	SCFL	1	S	-10	33	Singing, Perched	:	:	:	:	:	:	:
8:06	EAME	1	S	0	48	Singing, Perched	:	:	:	:	:	:	:
8:08	BUOR	1	S	-35	32		:	:	:	:	:	:	:
8:08	NOMO	1	S	-45	30		:	:	:	:	:	:	:
8:08	LASP	1	S	-5	52	Perched Singing	:	:	:	:	:	:	:
8:10	NOMO	2	S	-3	145	Singing, Perched	:	:	:	:	:	:	:

START VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Bare ground

Litter

Grasses

Forbs

Standing Dead

END VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Bare ground

Litter

Grasses

Forbs

Standing Dead

Added as F



Grassland Bird Survey Datasheet

Date: 06/01/2013 Observer: JET Page 1

Loc: Noble Ranch, Oswalt Rte/Trnsct: Oswalt B GPS unit: Q5

If found please contact: Jeremy Ross (419)

575-2414 or Eli Bridge (405) 240-2149

Start: LAT _____ LON _____
Time 12:57 Cloud 85% Wind N→S 10-15mph

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

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
12:58	EAME	1	S	+5	40	Staging ^{on} Fence	1:29	MOJO	2	S	+30	145	F
12:58	EAME	1	H	-20	125	S	1:30	DICK	1	H	+90	95	S
12:58	DICK	1	H	-70	70	S	1:34	NOMO	1	H	+80	115	S
12:58	EAME	1	H	-45	140	S	1:34	CACH	1	H	-90	90	S
12:58	DICK	1	H	-45	100	S	1:35	NOCA	1	B	+45	20	F
12:58	DICK	2	H	+30	92	S	1:37	CAWR	1	S	+20	12	
12:58	FISP	2	H	-15	180	S	1:37	VECH	1	H	-45	180	S
12:58	HOLD	1	H	-40	120	S	1:39	MOFL	1	H	20	80	S
12:58	AMCR	2	H	-15	320	8 call	1:42	EAME	1	H	-25	120	S
12:58	TUVU	1	S	0	165	F	1:42	JMBU	1	H	+30	140	S
1:04	DICK	1	H	+90	58	S	1:43	DICK	1	H	-10	150	S
1:04	NOMO	1	H	-35	140	S	1:43	FISP	1	H	-45	170	S
1:05	Nuthatch	1	H	+33	125	S	1:43	EAME	1	H	+45	130	S
1:07	LASP	4	S	-10	67	S on gate	1:47	DICK	1	B	+45	120	
1:12	DICK	1	H	100	255	S	1:47	EAME	1	S	0	110	F



Grassland Bird Survey Datasheet

Entered

Date: 06/01/2013 Observer: JBT Page 1

If found please contact: Jeremy Ross (419)

Loc: Red River Noble Rte/Trnsct: 502 GPS unit: 05

575-2414 or Eli Bridge (405) 240-2149

Start: LAT _____ LON _____
Time 6:25 Cloud 10 Wind N→S 15-20 mph

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

P.M.

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
6:25	DICK	1	S	-50	35	F, Flushed?	6:49	NOBO	1	H	-70	280	S
6:29	DICK	1	S	-50	45	"	6:49	DICK	3	S	0	45	S
6:29	DICK	1	S	-67	80	"	6:49	GRSP	1	H	+75	60	F
6:30	DICK	1	S	-30	68	S, ♂	6:49	DICK	1	S	-45	80	S
6:32	DICK	1	H	+30	52	S	6:49	DICK	1	S	-25	55	S
6:32	CASP	1	H	-40	120	S	6:53	CASP	2	S	+50	80	Pair, Display
6:33	DICK	1	H	-10	60	S	6:54	DICK	1	S	-35	30	S
6:34	CASP	1	H	-50	120	S, maybe same	6:54	CASP	1	S	-35	140	S
6:35	CAME	1	H	-55	180	S	6:54	CASP	1	S	-45	150	S
6:36	DICK	1	S	+18	58	S	6:56	DICK	1	S	+60	38	S
6:36	NOBO	1	H	+10	250	S	6:56	DICK	1	S	-90	20	S
6:37	DICK	1	H	-58	90	S	6:56	DICK	1	S	-90	30	S
6:38	DICK	2	S	+12	48	♀ & ♂	6:57	DICK	1	S	-30	60	S
6:39	DICK	1	S	0	35	F	6:58	GRSP	1	S	-25	60	S
6:39	DICK	1	S	-60	80	F	6:58	DICK	1	S	+16	60	S
6:40	DICK	1	S	-48	90	S	6:59	DICK	1	S	-30	35	S
6:40	DICK	1	S	-58	110	Landed	6:59	DICK	1	S	-50	55	S
6:42	DICK	1	S	-90	40	F	7:00	DICK	1	S	+65	36	S
6:43	DICK	1	H	+5	75	S	7:00	DICK	1	S	+18	27	S
6:43	DICK	1	H	+57	60	S	7:00	CASP	1	H	-45	130	S
6:43	DICK	1	S	+0	45	F, landed	7:01	DICK	1	S	-60	50	S
6:44	DICK	1	S	-75	110	S	7:02	DICK	1	S	-20	17	Flush
6:44	DICK	1	S	-106	3	Flush, Wing Display	7:04	DICK	1	S	+40	23	Perched?
6:45	DICK	1	S	-60	130	Perch	7:04	DICK	1	S	+82	45	Perched?
6:46	DICK	1	H	0	60	S	7:04	DICK	2	S	-45	25	F
6:46	DICK	3	S	-45	70	S, Perch	7:05	CASP	1	H	-80	50	S
6:46	CASP	1	H	+7	110	S	7:06	DICK	2	S	+55	30	Pair
6:47	DICK	2	S	-55	80	F	7:06	DICK	2	S	+50	28	Pair
6:47	DICK	1	S	-10	15	Flushed	7:07	DICK	1	H	-50	35	S
6:48	DICK	1	H	-17	40	S	7:08	DICK	1	S	-56	40	S
6:48	CASP	1	H	-25	95	S	7:09	DICK	2	S	+60	15	F
6:49	DICK	1	S	-35	65	S Perch	7:09	DICK	2	S	+5	24	Flushed?
6:49	DICK	7	S	-50	45	(maybe flushed birds)	7:10	DICK	1	S	+42	38	Perched?

START VEGETATION SURVEY

Minimum height of visual obstruction (cm): _____

Ground cover (% from above):
 Grasses _____
 Bare ground _____
 Forbs _____
 Litter _____
 Standing Dead _____

END VEGETATION SURVEY

Minimum height of visual obstruction (cm): _____

Ground cover (% from above):
 Grasses _____
 Bare ground _____
 Forbs _____
 Litter _____
 Standing Dead _____

lat long on spruce forest



Grassland Bird Survey Datasheet

Entered

Date: 2013 / Jun / 01

Observer: JBT

Page 2

If found please contact: Jeremy Ross (419)

575-2414 or Eli Bridge (405) 240-2149

Loc:

Rte/Trnsct: RR2A S02

of

Start:

LAT

LON

Time

:

Sky

Wind

End:

LAT

LON

Time 7 : 46

Sky

10%

Wind

N → S
0-5 mph

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
7:12	CASP	1	H	-60	140	S	7:45	GRSP	1	S	-50	30	Fence
7:12	DICK	1	S	+52	38	Perched	7:45	DKK	2	H	-65	50	S
7:12	DICK	1	S	-45	40	S	7:46						
7:13	DKK	1	S	+80	45	S, Fence	:						
7:13	DICK	1	S	-90	20	Flushed	:						
7:14	DICK	1	H	-30	35	S	:						
7:14	DICK	1	H	+28	25	S	:						
7:15	CASP	1	S	-50	9		:						
7:18	FLSP	1	S	+25	40	S, Fence	:						
7:18	CASP	1	S	-85	30	S, Fence, ♂	:						
7:18	GRSP	1	S	+25	30	S, Fence	:						
:							:						
7:24	GRSP	1	H	-10	35	S	:						
7:24	ERME	1	H	+38	90	Φ	:						
7:24	CASP	1	H	+60	110	S	:						
7:25	DICK	1	H	-55	95	S	:						
7:25	NOBY	1	H	-35	200	S	:						
7:25	CASP	1	H	-5	100	S	:						
7:25	GRSP	2	S	-38	55	Pair, flushed	:						
7:27	CONI	1	H	+58	150	Perch	:						
7:28	CASP	1	H	+55	110	S	:						
7:29	GRSP	1	H	+40	45	S	:						
7:30	DICK	1	H	+75	70	Fence	:						
7:35	GRSP	1	S	+90	25	Fence	:						
7:37	DICK	1	H	-80	80	S	:						
7:38	STFL	1	H	+45	150	Trees	:						
7:38	GRSP	1	H	+80	45	S	:						
7:40	DICK	1	H	-90	40	S	:						
7:40	DICK	1	H	-45	80	S	:						
7:41	DKK	1	S	40	70	Tree	:						
7:41	DICK	3	S	0	50	Antagonistic	:						
7:41	STFL	2	S	0	45	Antagonistic	:						
7:41	GRSP	2	S	0	43	Fence	:						

START VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Grasses

Bare ground

Forbs

Litter

Standing Dead

END VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Grasses

Bare ground

Forbs

Litter

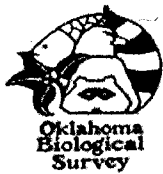
Standing Dead

JOHNSON GRASS

WHEAT

SWITCH GRASS

100% cover
5% disturbance



Grassland Bird Survey Datasheet

Date: 2013 / Jun / 02 Observer: JBT Page 1

If found please contact: Jeremy Ross (419)

575-2414 or Eli Bridge (405) 240-2149

Loc: Cross timbers WMA

Rte/Trnsct: CTA

GPS unit: 05

Start: LAT _____ LON _____
Time 8 :54 Cloud 5% Wind 5-10 N→S mph

End: LAT _____ LON _____
Time 10 :14 Cloud 0% Wind N→S 10-15 mph

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
9:08	GRSP	1	S	+80	55	S	9:52	STFL	1	S	-40	80	On ground
9:08	GRSP	1	S	+80	40	Flushed	9:54	GRSP	1	S	-50	30	S
9:08	NOCA	1	H	-80	22	S	9:55	GRSP	1	S	-90	60	S
9:08	NOMO	1	S	+35	95	Powerline, S	9:55	LASP	1	S	+5	42	Powerline
9:12	DICK	1	H	-30	70	S	9:55	DICK	1	H	-80	50	S
9:12	EAME	1	S	+32	85	Far Powerline, S	9:55	GRSP	1	S	-70	30	S
9:15	GRSP	1	H	+80	45	S	9:56	CASP	1	H	+70	120	S
9:15	NOMO	1	S	-60	22	Powerline	9:56	CASP	2	H	+5	120	S
9:16	EABL	1	S	+60	65	Powerline	9:56	CASP	1	H	-20	100	S
9:19	NOSH	4	S	-10	30	Flushed into Pair? Tree	9:59	CASP	1	S	-75	38	S
9:20	NORO	1	H	-20	200	S Scolding me	9:59	NORO	1	H	-80	210	S
9:21	CASP	1	H	-25	100	S	10:00	CASP	1	H	+75	45	S
9:22	NOMO	2	H	-53	62	Tree, S	10:00	GRSP	1	H	+85	60	S
9:22	DICK	2	H	-70	75	S	10:02	GRSP	1	H	-85	28	S
9:24	STFL	1	S	-43	62	S, Chatter	10:02	NORO	1	H	+45	190	S
9:24	LOSH	1	S	+9	70	Powerline	10:02	LASP	1	S	-20	40	Powerline
9:26	LASP	1	S	-30	33	Powerline	10:04	NOMO	4	S	+24	125	Powerline
9:27	CASP	1	S	+67	38	Powerline	10:07	GRSP	1	H	-80	48	S
9:27	NOMO	1	S	+60	80	Powerline	10:07	EAME	1	H	+80	70	S
9:29	CASP	1	S	+70	68	S, Powerline	10:07	GRSP	1	H	-60	30	S
9:29	LASP	1	S	+68	58	S, Powerline	10:09	DICK	1	S	0	50	F
9:29	DICK	1	S	-85	110	S	10:09	EABL	3	S	+20	85	Powerline
9:30	LASP	1	S	-80	25	Flushed	10:11	GRSP	1	S	+65	25	Flush
9:30	BARS	1	S	-70	20	F	10:12	STFL	1	S	+55	28	Powerline
9:35	DICK	2	S	+80	35	Pair in Veg	10:12	DICK	1	S	+57	28	Powerline
9:36	DICK	1	S	+74	35	Territorial, Chased	10:13	NOMO	1	S	+70	22	PL
9:36	YECU	1	H	+30	160	S	:	ON WAY TO CTR					
9:38	STFL	1	S	-45	50	F	:	in Draw	YECU	NEW	CONT,		
9:41	NOMO	1	S	0	5	Flushed!! Nest	:		KILL	EABL			
9:44	EAME	1	S	+33	60	Powerline	:						
9:44	NOMO	1	S	+35	95	Powerline	:						
9:45	DICK	1	S	-85	170	S	:						
9:57	STFL	2	S	-30	90	Chatter, Antagonistic?	:						

START VEGETATION SURVEY

lots of

Minimum height of visual obstruction (cm): Switchgrass

Ground cover (% from above):

Grasses

Bare ground

Forbs

Litter

Standing Dead

END VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Grasses

Bare ground

Forbs

Litter

Standing Dead

Willow or pop cat



Grassland Bird Survey Datasheet

08/01/2020

Date: 4/1/2020 Observer: J. Ross Page: 1

If found please contact: Jeremy Ross (419)



Grassland Bird Survey Datasheet

Date: 2013 / Jun / 02

Observer: JBT

Page 1

If found please contact: Jeremy Ross (419)

Loc: Crosstimbers WMA

Rte/Trnsct: CTC 1

GPS unit: 05

575-2414 or Eli Bridge (405) 240-2149

Start:

LAT

LON

Time 13 : 04 Cloud 0% Wind 10-15 mph N→S

End:

LAT

LON

Time 13 : 29 Cloud 0% Wind 10-15 mph N→S

TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES
13:04	EAME	1	H	-30	65	S	:						
13:04	YECU	1	H	+160	4	S	:						
13:04	GRSP	1	H	+45	42	S	:						
13:04	DICK	1	H	-35	95	S, Tree	:						
13:08	EAME	1	H	-74	63	S	:						
13:09	DICK	1	H	-45	75	S	:						
13:09	DICK	1	H	-50	90	S	:						
13:10	STFL	1	H	-90	41	S, (Singing) Tree	:						
13:10	DICK	1	H	+40	80	S	:						
13:10	DICK	1	H	+55	64	S	:						
13:10	GRSP	1	H	+60	45	S	:						
13:10	EAME	1	H	-45	87	S	:						
13:12	DICK	1	S	-80	160	Tree	:						
13:13	GRSP	1	H	+10	25	S	:						
13:14	DICK	1	H	+60	135	Fence, S	:						
13:14	NOBU	1	H	-45	210	S	:						
13:14	EAME	2	H	-45	85	S	:						
13:14	DICK	2	S	-10	45	Flushed	:						
13:17	GRSP	1	H	-60	40	S	:						
13:17	NOBU	1	H	-88	245	S, Tree	:						
13:17	EAME	1	H	-78	118	S	:						
13:17	DICK	2	H	+70	65	S	:						
13:17	DICK	2	H	+58	58	S	:						
13:19	GRSP	1	H	-43	36	S	:						
13:22	DICK	1	H	+60	105	S	:						
13:22	GRSP	1	H	-45	10	S	:						
13:22	EAME	1	H	+45	160	S	:						
13:22	EAME	1	H	+10	185	S	:						
13:22	DICK	1	H	-20	80	S	:						
13:22	EAME	1	H	-45	140	S	:						
13:25	DICK	1	H	-53	60	S	:						
13:27	EAME	1	H	+5	140	S	:						
13:28	GRSP	1	H	+78	34	S	:						

START VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Bare ground

Litter

Grasses

Forbs

Standing Dead

END VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Bare ground

Litter

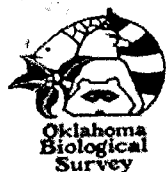
Grasses

Forbs

Standing Dead

W/ log on sp. wood shed ✓

W/ longer speed shift



Grassland Bird Survey Datasheet

entered

Date: 2013 / Jun / 04

Observer: JBT

Page 1

If found please contact: Jeremy Ross (419)

575-2414 or Eli Bridge (405) 240-2149

Loc: Drummond Flats WMA

Rte/Trnsct: DRME

GPS unit: Q5

Start:

LAT

LON

Time 7:43 Cloud 75% Wind S → N 15-20 mph

End:

LAT

LON

Time : Cloud Wind

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
7:43	DICK	1	H	-65	37	S	8:07	RWBL	1	S	-70	43	S, Fence ♂
7:43	EAME	1	S	-2	39	Fence, S	8:07	RWBL	1	S	+45	14	Nest Material ♀
7:49	DICK	2	H	-53	45	S	8:09	BRTN	1	H	-5	74	S
7:49	DICK	1	H	-70	65	S	8:09	DICK	1	H	-80	75	S
7:49	EAME	1	H	+7	48	S	8:09	DICK	2	H	-85	100	S
7:51	EAME	2	S	-51	35	Flush	8:09	DICK	1	H	+85	65	S
7:52	DICK	1	S	-10	80	Perched	8:11	KILL	2	S	+45	28	F
7:52	DICK	2	S	-45	95	F	8:11	DICK	2	H	-90	10	S
7:53	DICK	1	S	-55	65	S	8:11	DICK	1	H	-15	80	S
7:53	DICK	1	H	-50	45	S	8:11	DICK	1	H	+70	35	S
7:55	EAME	1	H	-72	30	S	8:13	DICK	2	S	-40	40	Perched
7:55	EAME	2	S	+35	38		8:13	RWBL	1	H	+65	50	S
7:56	RWBL	1	S	-2	48	♂	8:14	EAME	2	H	+50	50	S
7:56	Am. Wren	1	S	+20	10	F	8:14	DICK	1	S	-15	53	S
7:57	NEWE	1	H	+90	75	S	8:14	DICK	1	H	+90	65	S
7:59	EAME	1	H	+5	65	S	8:14	DICK	1	H	-90	25	S
7:59	BRCU	1	H	+80	50	S	8:14	DICK	1	H	-85	120	S
8:00	DICK	1	H	-75	60	S	8:16	GRSP	2	S	-57	-28	
8:00	DICK	1	H	-85	70	S	8:17	DICK	3	S	+45	48	
8:00	DICK	1	H	-65	95	S	8:17	DICK	1	H	-80	46	S
8:00	EAME	1	H	-80	75	S	8:17	EAME	1	H	+80	45	S
8:03	RWBL	1	S	-3	80	S, Fence	8:17	RWBL	1	S	+45	80	F
8:03	EAME	1	H	+80	90	♂	8:19	MALL	2	S	0	26	Flushed
8:03	DICK	1	H	-80	40	S	8:19	KILL	1	S	+12	26	
8:03	DICK	1	H	-85	52	S	8:20	KILL	2	S	-50	30	
8:04	EAME	1	H	-90	70	S	8:22	RWBL	1	S	+67	48	Perched ♂, S
8:05	EAME	1	H	+85	65	S	8:22	DICK	1	H	+90	40	S
8:05	RWBL	1	S	+85	70	S	8:22	RWBL	1	S	-55	70	Perched
8:05	DICK	1	H	-90	45	S	8:23	RWBL	1	S	+8	50	♂
8:05	DICK	1	H	-85	65	S	8:24	EAME	1	H	+45	60	S
8:06	DICK	1	S	-70	28	S, Fence	8:24	DICK	2	S	-70	38	
8:06	EAME	1	H	+75	80	S	8:26	DICK	1	H	-90	25	
8:06	NOBO	1	H	+80	220	S	8:26	DICK	2	H	+83	45	S

START VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Grasses

Bare ground

Forbs

Litter

Standing Dead

END VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

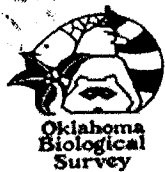
Grasses

Bare ground

Forbs

Litter

Standing Dead



Grassland Bird Survey Datasheet

entered

Date: 2013/06/04

Observer: SBT

Page 2

If found please contact: Jeremy Ross (419)

575-2414 or Eli Bridge (405) 240-2149

Loc: Diamond Flats Rte/Trnsct:

GPS unit:

Start:

LAT

LON

Time

:

Cloud

Wind

End:

LAT

LON

Time

:

Cloud

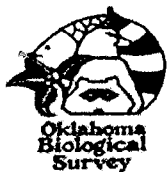
Wind

TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES
8:27	DKL	1	H	-80	110	S	8:45	EAME	1	H	+45	80	S
8:27	EAME	1	H	-75	90	S	8:46	KILL	3	S	+40	20	
8:27							8:47					25	chick 7



Grassland Bird Survey Datasheet

entire



Grassland Bird Survey Datasheet

entered

Date: 2018/06/14

Observer: JBT

Page 2

If found please contact: Jeremy Ross (419)

575-2414 or Eli Bridge (405) 240-2149

Loc: Duttonville

Rte/Trnst:

GPS unit:

Start:

LAT

LON

Time

:

Cloud

Wind

End:

LAT

LON

Time

11:17

Cloud

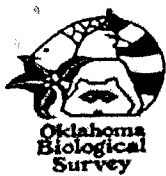
10%

Wind

15-20 mph

S-N

TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES
10:53	EAME	1	S	-25	45	S	11:14	EAME	1	H	-50	90	
10:55	DICK	2	H	+55	65	S	11:14	DICK	3	H	-45	60	S
10:55	DICK	1	H	-65	80	S	11:15	DICK	1	S	+30	45	S
10:57	MOJO	1	C	+35	45	Flash	11:16	EAME	1	H	-45	40	S
10:57	DICK	1	H	-85	60	S	:						
10:58	CONI	1	S	-80	60	F, S	:						
10:58	CONI	1	H	+85	15	in Grass	:						
10:59	DICK	2	S	-25	25	F, S	:						



Grassland Bird Survey Datasheet

Entered 6/22/2013 JDR

Date: 2013 / 06 / 06

Observer: JBT

Page 1

If found please contact: Jeremy Ross (419)

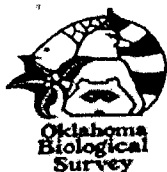
Loc: Talhara Point Preserve

Rte/Trnsct: 78PH

GPS unit: 005

575-2414 or Eli Bridge (405) 240-2149

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
6:58	DICK	1	H	-20	55	S	7:25	FAWE	3	H	+50	110	S
6:58	DICK	1	H	+5	60	S	7:28	DICK	1	H	-90	28	S
6:59	CLOW	12	S	-90	35		7:28	DICK	1	S	+30	37	S
6:59	DICK	1	H	-135	85	S	7:28	NOBU	1	H	+50	280	S
6:59	DICK	1	H	-90	70	S	7:28	DICK	1	H	+90	48	S
7:00	FAWE	1	H	-40	100	S	7:28	DICK	1	H	+70	110	S
7:04	RWBL	1	S	+45	120	S	7:30	DICK	1	S	+30	48	S
7:04	DICK	1	H	+35	45	S	7:30	DICK	1	S	+33	80	S
7:04	DICK	1	H	+45	80	S	7:31	DICK	1	S	-45	50	S
7:04	FAWE	1	H	-45	60	S	7:31	DICK	1	S	-42	78	S
7:04	DICK	1	H	-60	50	S	7:31	FAWE	1	H	+50	90	S



Grassland Bird Survey Datasheet

Entered 6/22/2013 JDR

Date: 2013/06/06

Observer: JBT

Page 2

If found please contact: Jeremy Ross (419)

Loc: Tallgrass Prairie

Rte/Trnsct: T6PH

GPS unit: 05

575-2414 or Eli Bridge (405) 240-2149

Start:

LAT

LON

Time

:

Cloud

Wind

End:

LAT

LON

Time

:

Cloud

Wind

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
7:49	DICK	1	S	-20	27	S	8:13	EAME	1	H	+80	60	S
7:49	DICK	1	S	-65	48	S	8:13	EAME	1	H	+80	110	S
7:49	DICK	1	H	+20	65	S	8:13	EAME	1	H	+30	100	S
7:49	EAME	1	H	+45	80	S	8:13	DICK	1	H	+45	60	S
7:49	EAME	1	H	+85	120	S	8:13	DICK	1	S	-45	75	S
7:49	DICK	1	H	-90	80	S	8:13	EAME	1	H	-60	120	S
7:49	DICK	1	H	+80	120	S	8:15	EAME	1	S	0	120	F
7:52	DICK	1	S	-45	38	S	8:15	DICK	1	S	-20	110	S
7:52	DICK	1	S	-45	80	S	8:15	DICK	1	S	-90	28	S
7:54	DICK	1	S	+12	30	S	8:18	DICK	2	S	-70	45	Antagonistic
7:54	EAME	1	S	-45	55		8:18	DICK	2	H	+75	80	S
7:54	EAME	1	S	-45	83	F	8:18	EAME	1	H	0	80	S
7:54	DICK	1	S	+85	38	S	8:18	DICK	1	H	+80	90	S
7:54	EAME	1	H	+50	70	S	8:18	DICK	1	H	+70	200	S
7:57	DICK	1	S	-5	50	S	8:20	GRSP	1	H	+45	48	S
7:57	DICK	1	S	-45	40	S	:						
7:57	DICK	1	S	-35	80	S	:						
7:57	EAME	1	H	+20	80	S	:						
7:57	DICK	1	H	+80	50	S	:						
8:00	DICK	1	S	+45	48	S	:						
8:00	DICK	1	H	+70	120	S	:						
8:00	DICK	1	H	+50	160	S	:						
8:00	EAME	1	H	+20	100	S	:						
8:00	DICK	1	H	-80	80	S	:						
8:03	DICK	1	H	-90	60	S	:						
8:05	DICK	2	S	-50	25	Pair, Flushed	:						
8:06	DICK	1	S	+6	37		:						
8:06	DICK	1	H	+25	105	S	:						
8:06	DICK	1	H	+45	50	S	:						
8:07	CLSW	1	S	0	43	F	:						
8:07	DICK	1	S	-5	36	Flushed	:						
8:08	EAME	1	H	+45	60	S	:						
8:08	EAME	1	H	-80	60	S	:						

START VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Grasses

Bare ground

Forbs

Litter

Standing Dead

END VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

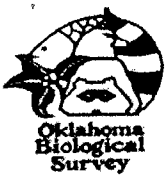
Grasses

Bare ground

Forbs

Litter

Standing Dead



GH-61-2

Grassland Bird Survey Datasheet

Entered 6/22 SDR

Date: 2013 / 06 / 06

Observer: JBT

Page 1

If found please contact: Jeremy Ross (419)

575-2414 or Eli Bridge (405) 240-2149

Loc:

Rte/Trnsct: T6P6

GPS unit: 05

Start: LAT 36.82921 LON 96.46644

End: LAT 36.82870 LON 96.45155

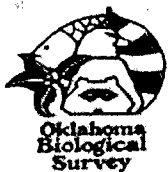
Time 8:31 Cloud 45% Wind 5-10 mph SE

Time 9:26 Cloud 60% Wind 5-10 mph SE

TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES
8:34	DIK	1	H	-90	50	S	9:01	COYE	1	H	-68	40	Shrub, S
8:34	DIK	1	H	+90	140	S	9:02	CONI	1	S	+45	30	F, S
8:34	DIK	1	H	+25	20	S	9:02	DIK	1	H	-45	90	S

Standing Dead

Standing Dead



Grassland Bird Survey Datasheet

Date: 2013 Jun 12

Observer: SBT

Page

If found please contact: Jeremy Ross (419)

Loc: Grimes Switchgrass

Rte/Trnsct: GR1

GPS unit: 015

575-2414 or Eli Bridge (405) 240-2149

Start:

LAT 34.79776 LON 97.49242

End:

LAT LON

Time 6:44 Cloud 5 Wind 8-13 mph

Time Cloud Wind

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
6:44	DICK	3	S	0	23	Flushed	7:13	DICK	2	S	-45	65	Tree
6:44	DICK	1	H	120	40	Tree, S	7:13	BRCO	1	S	-10	60	Flushed
:	BARB	1					7:16	DICK	1	S	-65	40	S, Trees
6:44	NOBO	1	H	50	210	S	7:16	EXAME	1	H	+45	180	S
6:44	DICK	1	S	-45	38	S, Tree	7:16	EXAME	1	S	-45	65	S, Fence
6:44	GRSP	1	H	60	50	S	7:18	BRCO	2	S	+45	50	
6:44	BLGR	1	S	-65	33	Tree, S, Juvie ♂	7:19	CLSW	1	S	-90	10	F
6:46	BRCO	1	S	-82	30	S, ♂	7:19	BRCO	1	S	-60	50	S, ♂, Tree
6:55	CLSW	1	S	-90	20	F	7:20	DICK	1	S	0	32	♂
6:55	BARB	1	S	+90	10	F	7:22	DICK	1	S	+90	40	S, Edge
6:57	DICK	1	S	+40	62	Fence	7:22	DICK	1	S	+90	55	S, Edge
6:57	DICK	1	S	+65	40	Fence, S	7:22	DICK	1	H	-55	58	S, Tree
6:57	GRSP	1	H	+90	50	S	7:24	DICK	3	S	+42	40	Birds not tightly clustered
6:58	NOBO	1	S	+45	2	Flushed	7:25	RWBL	2	S	0	50	F, S ♂
7:00	DICK	2	S	-65	35	Trees, S	7:25	DICK	2	S	+15	40	Landed, S
7:00	DICK	2	S	0	40	F, Pair Fighting?	7:26	EXAME	1	S	20	35	S
7:03	DICK	2	S	-65	40	Tree	7:26	DICK	1	H	-80	100	S
7:03	EXAME	1	H	-60	120	S	7:26	RWBL	1	S	+70	220	♂
7:05	NOCA	1	H	-50	38	S	7:27	DICK	1	S	+70	23	♂, S
7:06	GRSP	1	H	+90	55	S	7:27	DICK	2	S	+55	30	♀, S
7:07	DICK	2	S	+10	40	F	7:27	DICK	1	S	+25	35	♂, S
7:07	DICK	1	S	+65	105	Perched	7:28	BRCO	1	S	-58	42	Fence
7:07	DICK	1	S	+5	50	Perched	7:28	GRGR	1	S	-58	42	Fence
7:08	EXAME	1	H	+80	150	S	7:30	DICK	2	S	-40	120	Landed
7:08	DICK	3	S	+20	40	F	7:30	DICK	2	S	-65	45	Trees
7:08	BARB	1	S	-60	35	F	7:30	DICK	1	S	+90	40	Landed
7:10	DICK	1	S	-50	28	S, Pale	7:31	CLSW	8	S	0	30	F
7:11	DICK	2	S	+40	55		7:32	ECDO	3	S	-45	170	F
7:11	DICK	1	H	-40	50	S, Trees	7:34	DICK	1	S	+58	38	♀
7:12	BRCO	1	S	-77	29	S, Fence	7:34	EXAME	1	S	-15	85	
7:13	RWBL	2	S	0	110	♂, Antagonists + i ^a	7:35	DICK	1	S	+75	45	S
7:13	DICK	2	S	-80	100	S	7:35	NOBO	1	S	+80	220	S
7:13	CLSW	1	S	-45	2	F	7:35	DICK	1	S	0	180	

START VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Grasses

Bare ground

Forbs

Litter

Standing Dead

END VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Grasses

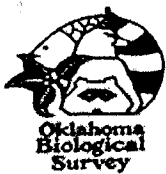
Bare ground

Forbs

Litter

Standing Dead

Interviewed "A"



Grassland Bird Survey Datasheet

Entered

Date: 2013 / 06 / 12

Observer: JBT

Page 2

If found please contact: Jeremy Ross (419)

Loc: Grimes Switchgrass

Rte/Trnsct: 621

GPS unit: 05

575-2414 or Eli Bridge (405) 240-2149

Start: LAT _____ LON _____
Time : Cloud Wind

End: LAT 34.81755 LON 97.97225
Time 8 : 06 Cloud 27 Wind 15-20 mph N

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
7:37	DICK	1	S	-60	43	Fence	7:54	MOBO	1	S	0	10	F
7:37	DICK	1	S	-55	52	Tree	7:54	YECU	1	H	-20	120	Tree
7:37	DICK	3	S	+55	50		7:55	DICK	2	S	+30	50	
7:37	DICK	1	S	+90	60		7:55	ENME	1	H	+80	200	S
7:37	ENME	1	H	-45	180	S	7:55	CLSW	4	S	50	60	F
7:37	DICK	1	H	-30	85	Tree	7:58	DICK	1	H	-45	35	S
7:37	GRSP	1	H	-60	90	S	7:58	DICK	1	H	+90	40	S
7:39	CLSW	3	S	-45	20	F	7:59	DICK	1	H	-45	50	Tree, S
7:41	DICK	1	S	-35	30		8:00	DICK	2	S	+90	45	F
7:41	DICK	2	S	+50	35	Antagonistic	8:06	DICK	1	S	+80	70	
7:41	DICK	1	S	+80	175		8:01	DICK	1	H	-45	50	
7:42	OTFL	3	S	-90	35	Tree, S, F	8:02	BRIO	2	S	+20	150	F
7:43	DICK	1	S	-60	25	Flushed	8:02	DICK	1	S	+45	95	
7:43	DICK	2	S	-30	35	Flushed	8:03	DICK	1	S	+40	50	
7:44	DICK	1	S	+90	30	S	8:03	DICK	1	S	-45	15	Flushed
7:44	DICK	1	S	+80	37	S	8:05	DICK	1	S	-45	70	Tree, S
7:44	DICK	1	S	+65	42	S	:						
7:45	DICK	2	S	+45	45		:	GRIB					
7:45	GRSP	1	H	-50	75	S	:	Presence / Absence					
7:46	ENME	1	S	+36	130		:	DICK, NOCK, & CLSW					
7:46	DICK	1	S	-25	70	S	:	CACH					
7:47	DICK	1	S	+5	12	S, ♀	:						
7:47	DICK	1	S	+2	40	Flushed	:						
7:47	ENME	1	H	-90	100	S	:						
7:47	DICK	1	S	+80	20	S	:						
7:48	DICK	1	S	+5	45		:						
7:48	DICK	1	S	-40	45		:						
7:48	DICK	1	S	+90	4	Juvie DICK, Flush	:						
7:48	DICK	1	H	-90	95	Fence	:						
7:52	DICK	1	S	+73	60		:						
7:52	DICK	1	H	-45	50	Tree	:						
7:52	DICK	1	S	-40	55	Tree	:						
7:57	GRSP	1	S	-10	30	Flushed	:						

START VEGETATION SURVEY

Minimum height of visual obstruction (cm): _____

Ground cover (% from above): _____

Bare ground _____

Litter _____

Grasses _____

Forbs _____

Standing Dead _____

END VEGETATION SURVEY

Minimum height of visual obstruction (cm): _____

Ground cover (% from above): _____

Bare ground _____

Litter _____

Grasses _____

Forbs _____

Standing Dead _____



Grassland Bird Survey Datasheet

Date: 2013/07/07 Observer: JRT

Page 1

If found please contact: Jeremy Ross (419)

Loc: Drummond Flats Rte/Trnsct: E

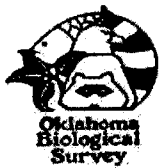
of 2

575-2414 or Eli Bridge (405) 240-2149

Start: LAT 36.30392 LON 98.05978
Time 7:30 Sky 0 Wind 0 mph

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
7:32	DICK	1	H	-65	70	S	7:57	KILL	3	S	+45	20	Channel
:	DICK	1	H	-45	90		7:57	DICK	1	H	-80	35	S
:	DICK	1	S	-30	40	S	:	DICK	1	H	-70	50	S
:	GRSP	1	S	-30	35		:	DICK	1	H	-50	90	S
:	EAME	1	H	+70	170	S	:	DICK	1	H	+80	45	S
7:37	EAME	1	S	+90	30	F	:	EAME	1	H	-15	60	S
:	BHCO	1	H	-20	45	S	:	EAME	1	H	+50	120	S
7:40	DICK	1	H	-65	70	S	7:59	DICK	1	S	+25	45	
:	DICK	1	H	-45	35	S	:	DICK	1	H	-45	50	S
:	EAME	1	H	-15	85	Call	:	DICK	1	H	+70	60	S
:	RWBL	1	H	-10	130	S	8:02	DICK	1	S	-50	30	Flush
:	EAME	1	H	-50	150	S	8:07	EAME	1	S	-30	85	
7:43	DICK	1	S	-90	38	S	8:02	MALL	3	S	-45	110	F
:	CLSW	5	S	-45	40	F	8:03	EAME	1	H	-45	20	S
7:45	EAME	1	H	-90	50	Call	8:03	DICK	1	H	+60	25	S
7:45	EAME	1	H	-70	65	Call	8:04	DICK	1	H	+90	35	S
7:45	EAME	1	H	-30	55	S	:	DICK	1	H	+80	55	S
7:47	DICK	1	S	-75	40		:	DICK	1	H	+45	70	S
7:47	RWBL	1	S	-17	130	♂, S	8:06	RWBL	3	S	+45	65	♂ S Wetland
7:47	EAME	1	S	-45	60	Call	8:06	RWBL	12	S	+70	40	S Sunflowers
7:48	EAME	1	H	+25	40	S	8:07	DICK	1	H	-45	65	S
7:48	CLSW	6	S	+55	60	F, Feeding	:	EAME	1	H	-35	65	S
7:50	EAME	2	S	-30	45	Call	:	EAME	1	H	-30	150	S
7:57	EAME	1	S	+90			:	DICK	1	H	-70	50	S
7:57	EAME	1	S	-	90		8:10	DICK	1	S	-45	95	



Grassland Bird Survey Datasheet

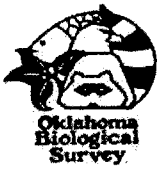
Date: 2013 / 07 / 01 Observer: JBT Page 2
Loc: Diamond Flats WMA Rte/Trnsct: E of 2

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

Start: LAT _____ LON _____
Time : Sky Wind

End: LAT 36.31825 LON 98.05971
Time 8:50 Sky 0 Wind 5-10mph KSW

TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES
8:15	MADN	2	S	0	20	Flushed	8:30	RWBL	1	S	-90	140	
:	RWBL	5	S	-45	20	Scolding	8:30	CLSW	5	S	+45	100	F. Feeding
:	RWBL	3	S	+45	35	Scolding	8:31	EAME	1	H	-65	80	S
8:16	DICK	2	S	+85	30	Call	8:31	DICK	1	H	+55	45	S
8:16	DICK	1	H	+90	35	S	8:33	RWBL	3	S	+30	110	
8:16	DICK	1	H	+85	70	S	8:33	RWBL	1	S	+85	150	
8:16	DICK	1	H	+75	45	S	8:33	EAME	2	H	+15	190	S
8:18	RWBL	5	S	+45	100		8:34	DICK	1	S	+80	45	



Grassland Bird Survey Datasheet

Date: 2013 / 07 / 01 Observer: JBT Page 1
Loc: Drummond Flats WMA Rte/Trnsct: F of 1

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

Start: LAT 36.31828 LON 98.06863
Time 9:13 Sky 0 Wind 15 mph SW

End: LAT 36.3088 LON 98.06875
Time 9:51 Sky 0 Wind 10 mph SW

TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES
9:13	RWBL	1	S	180	30	S, ♂	9:47	BHCO	1	H	-80	20	S
9:15	CLSW	5	S	+45	20	F Feeding	9:48	CLSW	1	S	-45	60	F Feeding
9:16	EAAME	1	S	+2	55	on T-post	9:49	EAAME	1	S	+20	60	S, Flush
9:17	CLSW	10	S	0	70	F Feeding	9:50	CLSW	2	S	+0	25	Flush



Grassland Bird Survey Datasheet

Date: 2013/07/03 Observer: JBTPage 1

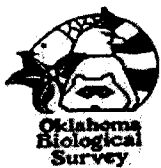
If found please contact: Jeremy Ross (419)

Loc: Cross timbers area Rte/Trnsct: CTAof 1

575-2414 or Eli Bridge (405) 240-2149

Start: LAT 33.95816 LON 97.35984
Time 8:44 Sky 0% Wind 0 mphEnd: LAT 33.94123 LON 97.36079
Time 9:46 Sky 0 Wind 0.5 mph ↓ S

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
8:44	NOCA	1	H	180	90	S PL	9:35	NOBO	1	H	-45	180	S
:	PA BU	1	H	180	65	S PL	9:34	MOBO	1	S	+5	65	PL
8:50	EABL	4	S	+20	80	Powerline=PL	9:35	DICK	1	H	-55	60	S
:	NOSH	2	S	+18	85	PL	9:36	CASP	1	H	-45	80	S
:	EAPH	1	S	+20	40	S PL	9:36	CASP	1	H	+55	60	S
8:52	OTEL	1	S	+10	110	PL	9:37	DICK	1	S	-45	50	Landed
8:52	MOBO	1	S	+5	150	PL	9:38	LASP	2	S	+15	30	PL, S
8:53	MOBO	1	S	+20	45	PL	9:40	MOBO	1	H	+10	80	S
8:54	NOSH	1	S	+30	115	Tail	9:40	MOBO	1	S	+5	105	PL
8:54	NOSH	1	S	+15	75	PL, landed	9:40	DICK	1	H	-90	80	S
8:59	MOBO	2	S	0	45	F	9:40	DICK	1	H	-75	60	S
9:01	NOBO	1	H	-60	250	S	9:43	MOBO	1	S	0	40	S
9:01	NOBO	3	S	-65	150	PL	9:45	EABL	2	S	+5	85	PL
9:01	NOBO	1	H	-10	180	S	9:46	PA BU	1	H	+20	80	S
9:06	STEL	1	S	0	85	PL	:						
9:07	DICK	1	H	-50	95	S	:						
9:07	LASP	5	S	-5	15	PL, landed	:						
9:10	CLAW	4	S	-90	30	F	:						
9:10	GRSP	1	H	-90	40	call	:						
9:10	MOBO	2	S	0	90	F	:						
9:10	AMCR	1	H	-20	200	S	:						
9:14	MOBO	1	S	+90	110	PL	:						
9:14	DICK	1	H	+80	75	S	:						
:							:						



Grassland Bird Survey Datasheet

Date: 2013 / 07 / 08

Observer: JBT

Page 1

If found please contact: Jeremy Ross (419)

Loc: Noble - Red River

Rte/Trnsct: RR2

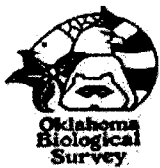
of 2

575-2414 or Eli Bridge (405) 240-2149

Start: LAT 33.88609 LON 97.29130
Time 6:28 Sky 5% Wind 12 mph

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
6:29	DICK	1	H	+90	55	Powerline S	6:59	DICK	1	H	+80	30	S
:	DICK	1	H	-90	80	Powerline S	:	DICK	1	H	-70	60	S
:	DICK	1	H	-85	85	S	7:00	WIND	1	H	+45	300	S
:	DICK	1	H	+90	80	Powerline S	:	DICK	1	H	-90	15	S
:	DICK	1	H	-85	90	S	:	DICK	1	H	-85	50	S
6:34	DICK	1	H	-45	60	S	:	DICK	2	S	-45	35	Pair S
:	DICK	1	H	-60	50	S	:	DICK	1	H	-50	80	S
:	DICK	1	H	-70	15	S	:	DICK	1	H	-70	15	S



Grassland Bird Survey Datasheet

Date: 2013/07/08Observer: JBTPage 1

If found please contact: Jeremy Ross (419)

Loc: TGPPRte/Trnsct: 48 88 → 89

of

575-2414 or Eli Bridge (405) 240-2149

Start:

LAT 36.82853 LON 96.46680Time 8:35 Sky 25% Wind 0-5 PM

End:

LAT 36.82641 LON 96.44517Time 9:32 Sky 7% Wind 5-10 ↑ N

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
8:35	DICK	1	H	+80	70	S	9:09	DICK	1	S	-55	25	S
:	DICK	1	H	-55	60	S	9:10	DICK	1	S	+65	35	S
:	EAME	1	H	+50	130	S	9:10	DICK	1	H	-55	85	S
:	BEVI	1	H	+62	100	S	9:12	DICK	1	S	-70	20	S
8:36	EAME	1	H	-45	90	S	9:15	EAME	1	H	+45	140	Call
8:38	DICK	1	H	-80	60	S	9:15	CLSW	150	S	0	75	Roost
8:40	DICK	1	H	-70	55	S	9:17	DICK	1	S	+10	30	
:	DICK	1	H	+20	60	S	9:19	CLSW	200	S	-20	70	Roost
:	WBRD	1	H	+5	300	S	9:19	DICK	1	S	-45	25	Call
:	EAME	1	H	-85	200	S	9:21	EAME	1	H	+45	85	S
8:43	BRTH	1	H	+60	200	S	9:22	CLSW	100	S	-65	100	Roost
8:43	DICK	1	H	-35	65	S	9:22	DICK	1	H	+45	80	
8:45	DICK	3	S	+25	60	20, 28, S	:	DICK	1	S	+90	40	
8:47	DICK	1	S	0	25	S	:	DICK	1	H	+15	60	
8:47	DICK	1	S	-45	30	S	9:24	DICK	1	S	+55	30	S
8:47	DICK	1	S	+25	27	S	9:25	DICK	1	S	+70	50	S
8:48	BRTH	3	S	-35	60	In a nest	9:27	EAME	1	S	-65	50	
8:48	DICK	2	S	+5	25	Pair	9:27	DICK	1	S	0	30	S
8:51	DICK	1	S	-20	45	S	9:28	DICK	1	S	-45	40	S
8:51	DICK	1	S	+65	70	S	9:28	DICK	1	S	+20	80	S
8:53	DICK	1	S	+5	35	S	9:28	DICK	1	H	+55	40	S
8:54	DICK	1	S	-30	42	S	:						
8:55	BRTH	1	S	+30	90	Flush	:						
8:56	DICK	1	H	+85	45	S	:						
:	DICK	1	H	-30	60	S	:						
8:57	DICK	2	S	0	30	Pair	:						
9:00	DICK	1	S	-70	20	S/Lus	:						
9:00	DICK	2	S	-5	25	S	:						
9:05	DICK	1	S	-30	40	S	:						
9:05	BEVI	1	H	-30	60	S	:						
9:08	DICK	1	S	+30	40	S	:						
9:08	EAME	1	H	+50	80	Call	:						

START VEGETATION SURVEY

Minimum height of visual obstruction (cm): _____

Ground cover (% from above):

Bare ground _____

Grasses _____

Forbs _____

Litter _____

Standing Dead _____

END VEGETATION SURVEY

Minimum height of visual obstruction (cm): _____

Ground cover (% from above):

Bare ground _____

Grasses _____

Forbs _____

Litter _____

Standing Dead _____



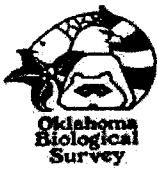
Grassland Bird Survey Datasheet

Date: 2013 / 07 / 08

Observer: JRB

Page 1

If found please contact: Jeremy Ross (419)



Grassland Bird Survey Datasheet

Date: 2013/07/08Observer: JBTPage 2

If found please contact: Jeremy Ross (419)

Loc: Tallgrass Prairie PreserveRte/Trnsct: Hof 2

575-2414 or Eli Bridge (405) 240-2149

Start:

LAT

LON

Time

:

Sky

Wind

End:

LAT 36.83653LON 96.46695Time 8:13

Sky

35%Wind 5-10 mph TN

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
7:28	DICK	1	H	+80	120	S	7:49	DICK	1	H	-5	30	S
7:29	ENME	1	S	+45	38	S	7:56	GRSP	1	H	-90	45	S
7:29	GRSP	1	H	-60	55	S	:	DICK	1	S	-85	55	S
:	DICK	1	H	+45	80	S	:	DICK	2	H	+45	40	S
:	DICK	1	H	+40	95	S	:	GRSP	1	H	+75	40	S
:	DICK	1	H	-85	120	S	:	GRSP	1	H	+60	35	S
:	DICK	1	H	-70	85	S	8:00	GRSP	1	H	+80	35	S
:	ENME	1	H	-45	200	S	8:00	NOBO	1	H	+25	380	S
7:32	DICK	1	S	+30	25		8:06	GRSP	1	H	-80	85	S
7:33	DICK	2	S	+45	15	Flushed	8:00	GRSP	1	H	+60	70	S
:	CLOW	6	S	-80	30	F	:	DICK	1	H	+70	45	S
:	DICK	1	S	-90	20	♀, call	:	CLOW	2	S	G	20	F
7:35	DICK	1	H	-80	110	S	8:07	DICK	1	S	0	10	♀
:	DICK	1	H	+17	55	S	8:08	DICK	1	H	+80	10	Cluck, Juvie
:	DICK	1	H	+55	60	S	8:09	DICK	1	S	+65	50	S
:	DICK	1	H	+65	65	S	:	GRSP	1	H	-90	80	S
:	ENME	1	H	+25	55	Call	:	DICK	1	H	-75	85	S
7:39	DICK	1	S	+50	40	S	:	ENME	1	H	-65	110	S
7:40	CLOW	100	S	-45	70	Larry Roost	:	DICK	1	S	-30	80	
7:42	DICK	2	S	+40	40	S	8:09	DICK	1	S	+10	85	♂, Fly
7:42	DICK	1	S	+85	45	S	:	DICK	1	S	+75	20	S
7:44	DICK	1	H	+50	70	S	:	DICK	1	H	-40	75	S
7:44	ENME	1	H	+45	200	S	:	DICK	1	H	-85	55	S
:	DICK	1	S	+90	45	S	8:12	DICK	1	S	-80	50	S
:	DICK	1	H	-55	65	S	:	DICK	1	H	-45	40	S
:	ENME	1	S	-90	95	Land, Call	:	DICK	1	H	-5	25	S
:	ENME	1	H	-20	90	S	:	DICK	1	H	+45	180	S
7:48	ENME	1	S	+10	75	Flushed	:						
:	DICK	1	H	-20	55		:						
:	DICK	1	H	-90	100	S	:						
:	GRSP	1	H	-50	40	S	:						
:	NOBO	1	H	-45	380	S	:						
:	ENME	1	H	+70	85	S	:						

START VEGETATION SURVEY

Minimum height of visual obstruction (cm): _____

Ground cover (% from above):

Grasses

Bare ground

Forbs

Litter

Standing Dead

END VEGETATION SURVEY

Minimum height of visual obstruction (cm): _____

Ground cover (% from above):

Grasses

Bare ground

Forbs

Litter

Standing Dead

9 July, 2013 TGPP Point Counts - JBT

2

GPS 050 36.83027, 96.87762

Sky 2%, Wind 15-20 mph 75

9.08

ERME 1 H 270° 55m S

DICK 1 H 200° 45m S

DICK 1 H 350° 40m S

ERME 1 H 340° 60m Call

DICK 1 S 810° 50m F

DICK 1 S 805° 35m S

DICK 1 H 250° 42m S

GRSP 1 H 160° 45m S

DICK 1 H 230° 50m S

GRSP 1 H 255° 25m S

CLSW 3 S 230° 60m F

DICK 1 H 100° 55m S

DICK 1 H 135° 40m S

ERME 1 H 110° 90m S

DICK 1 H 80° 70m S

DICK 1 H 45° 40m S