



Grassland Bird Survey Datasheet

Date: 2013/05/25 Observer: JDR / JGK Page 1
Loc: KAEFS Rte/Trnsct: A1 of

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

Start: LAT 34.98164 LON 97.5276
Time 07:04 Sky 30 Wind 0-5

End: LAT 34.98365 LON 97.53217
Time 07:47 Sky 30 Wind 0-5

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
07:04	DICK	1	S	30	65		07:29	BOBW	1	H	-160	300	
07:05	INBU	1	H	80	110		07:29	BLSA	1	H	40	210	
07:05	INBU	1	H	-30	125		07:30	AMCR	13	H	75	400	Fly over (seen)
07:06	BLGR	1	S	-30	60	F-BHCO (later heard)	07:30	DICK	1	H	-40	80	
07:08	CARW	1	H	-45	200		07:31	CARW	1	H	-25	190	
07:09	DICK	1	H	25	150		07:32	DICK	1	H	-80	120	
07:09	BHCO	1	S	-75	25	M (with -)	07:32	DICK	1	H	-20	150	
07:11	NOCA	1	H	-60	180		07:33	AMCR	2	S	40	250	Fly over
07:11	NOCA	1	H	90	110		07:33	NOCA	1	S	-50	240	
07:12	DOWO	1	S	-5	250	Flying then landed	07:34	NOCA	1	H	10	200	
07:13	WAVI	1	H	-60	160		07:35	DICK	1	S	35	90	
07:14	DICK	1	H	25	110		07:36	DICK	1	H	0	110	
07:14	DICK	1	H	55	140		07:39	BHCO	1	H	#175	80	
07:15	YBCW	1	H	210	200	agitated (NE)	07:41	FISP	1	S	-10	30	Fly by, landed further away
07:16	DICK	1	S	5	10	F. Shrike! C. nest	07:41	NOMO	1	H	30	170	
07:18	BOBW	1	H	110	450		07:43	CACH	1	H	-30	90	Association as
07:19	NOCA	1	H	80	180		07:45	CACH	1	S	-85	60	with pair (2)
07:19	DICK	2	H	40	175	Cluster	:						
07:20	FISP	1	H	90	220		:						
07:20	YBCW	1	H	70	200	Later heard c 07:24	:						
07:21	DICK	2	H	30	130	Cluster	:						
07:22	DICK	1	H	-30	90		:						
07:23	INBU	1	H	65	100		:						
07:23						Forceline	:						
07:24	DICK	1	H	-40	75		:						
07:25	FISP	1	H	45	125		:						
07:25	FISP	1	H	-60	130		:						
07:25	EABL	1	H	-50	70	BEVI	:						
07:27	BBWD	1	H	-150	180		:						
07:27	AMCR	1	H	-170	300		:						
07:28	FISP	1	H	0	120	*prob further	:						
07:28	NOCA	1	H	75	200		:						
07:29	NOMO	1	H	25	230		:						

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 _____

YBCW heard before survey behind start
BEVI after survey near reservoir dam
BGGN near dam after survey / ABU after survey



Grassland Bird Line-Transsect Datasheet

Date: 2013/05/25

Observer: SDR/SGK

Page 1

If found please contact: Jeremy Ross (419)

Loc: KARFS

Transect: A2

of

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

Start: LAT 34.98067 LON 97.53633
Time 08:21 Sky 50 Wind 0-5

End: LAT 34.98606 LON 97.53477
Time 09:05 Sky 100 Wind 5-10 (gusty)

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
08:21	DICK	1	H	-10	80		08:54	DICK	1	H	20	80	90 m
08:21	BEVI	1	H	75	50		08:55	NOMO	1	H	20	130	
08:21	FISP	1	H	-45	90		:56	GCFL	1	H	-60	80	
08:21	FISP	1	H	-10	150		:58	REVI	1	H	-90	90	
08:22	DICK	1	H	70	75		:59	NOMO	1	H	-5	300	
08:22	DICK	1	H	-90	20		09:01	FISP	1	H	80	130	
08:24	NOLA	1	H	-55	160		:02	DICK	1	S	40	70	F (AB near nest)
08:26	FISP	1	H	80	130		:03	REVI	1	H	-75	100	
08:27	FISP	1	H	150	60		:05	INBU	1	H	-20	90	
08:29	REVI	1	S	-90	12		:						
08:30	BHCO	1	S	-15	70		:						
08:30	INBU	1	H	85	100		:						
08:31	DICK	1	H	-5	120		:						
08:32	BHCO	1	H	160	100		:						
08:33	INBU	1	H	75	180		:						
08:34	FISP	1	H	45	130		:						
08:36	FISP	1	S	30	50		:						
08:38	BAOR	1	H	45	90		:						
08:38	DICK	1	H	20	80		:						
08:39	BGGH	1	H	-90	70		:						
08:40	NOLA	1	H	85	90		:						
:41	BLSA	1	H	5	170		:						
:41	DICK	2	H	-80	30	Cluster (seen after	:						
:41	BHCO	1	H	-80	30	HL's male heard)	:						
:42	CARW	1	H	85	110		:						
:44	EABL	1	H	20	60		:						
:44	DICK	1	H	50	50		:						
:45	BHCO	1	S	20	60		:						
:45	BHCO	1	S	0	70	Some	:						
:46	REVI	1	H	-90	100		:						
(?):47	CARW	1	H	-50	150		:						
:50	AMLR	1	S	-5	300	Flaw + landed	:						
:51	GCFL	1	H	-85	160		:						
:52	LASP	1	S	80	55	Flaw + landed	:						
:52	INBU	1	H	-30	120		:						
:54	FISP	1	H	105	110		:						
:4	TWTL	1	H	-90	90		:						

RSHA + TWTL during survey

ENTERED 5/27



Grassland Bird Survey Datasheet

Date: 2013/05/27

Observer: JDR

Page 1/2

If found please contact: Jeremy Ross (419)

Loc: INHWR

Rte/Trnsct: DOI

of

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

Start:

LAT 34.74358 LON 98.58608

Time 06:39 Sky 35 Wind 15-20 S

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
06:39	INBW	1	H	70	100		07:09	GRSP	1	H	80	80	

EAME flight song



Grassland Bird Survey Datasheet

Date: 2013/05/27

Observer: JDR

Page 1

If found please contact: Jeremy Ross (419)

Loc: WMWR

Rte/Trnsct: D02

GPS unit: 01

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

Start: LAT 34.72472 LON 98.59237
Time 08:29 Cloud 100 Wind 15-20 S

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
08:29	DICK	1	S	-90	20		09:05	DICK	1	H	-55	140	180m
:29	DICK	1	H	-90	100		09:09	WEKI	1	S	-50	130	
:29	BARS	1	S	-85	20		:10	DICK	1	H	-45	110	
:30	STFL	1	S	95	95	On fence 110m	:10	DICK	1	H	-50	170	
:31	DICK	1	H	-95	200	On fence	:10	EAME	1	H	55	220	
:33	DICK	1	H	90	240		:10	EAME	1	H	-5	250	
:35	GRSP	1	S	45	30	Flushed ahead	:11	CAEG	1	S	0	340	Fly by
:38	BARS	1	S	30	60		:11	NOBO	1	H	-70	400	300
:38	MODO	1	S	-100	80	Fly by	:14	GRSP	1	H	90	120	
:40	GRSP	1	H	90	75		:14	GRSP	1	S	110	95	80m
:42	CAEG	1	S	35	400	w Longhorns	:16	EAME	1	H	-20	130	Flight song
:42	NOLA	1	H	-135	140		:17	NOMO	1	H	-80	350	
:43	EAME	1	H	45	330	370	:18	BARS	3	S	30	85	
:43	KILL	1	H	-90	200		:18	STFL	1	H	-20	70	
:44	EAME	1	H	10	260	320	:20	GRSP	1	S	45	90	
:45	STFL	1	H	-90	130		:21	EAME	1	H	80	190	
:48	MODO	1	S	-70	175		:23	KILL	1	H	30	110	
:48	GRSP	1	H	100	100		:23	MODO	1	S	60	80	
:48	EAME	1	H	80	200		:23	EAME	1	H	-80	280	
:51	STFL	1	S	35	60		:27	STFL	1	S	-80	95	
:51	GRSP	1	S	-25	15	Flushed near road	:30	KILL	1	H	75	150	
:54	MODO	1	H	-80	160		:30	ELST	1	S	0	400	
:55	STFL	1	S	-20	40		:31	KILL	1	H	5	85	Flying then landed
:57	DICK	1	H	0	150		:32	KILL	1	H	-25	140	
:57	DICK	1	H	-15	220	Crested Kill	:33	KILL	1	S	-15	40	
:57	PABN	1	H	-80	120		:37	LASP	1	S	90	85	75m
:58	EAME	1	H	-40	300		:37	MODO	1	S	90	100	
09:00	NOMO	1	H	-170	120		:37	MIKI	1	S	90	125	Flying then landed 150m
:00	NOMO	1	S	-170	110	Flushed by other Nomo	:38	CACH	1	H	80	125	
:01	STFL	1	H	-50	260		:39	NOMO	1	H	100	150	
:01	NOLA	1	H	-90	170		:39	EAME	1	H	-100	300	
:03	NOMO	1	H	-40	260		:39	LASP	1	H	-90	200	
:03	EAME	1	H	65	250		:40	BLGR	1	H	-85	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 _____

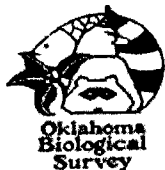
Forbs _____

Litter _____

Standing Dead _____

BLGR TUVU

Standing Dead



Grassland Bird Survey Datasheet

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

Loc: Hackberry Flat Rte/Trnsct: D01 GPS unit: 01 2

If found please contact: Jeremy Ross (419)

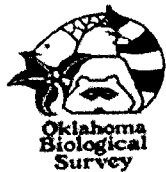
575-2414 or Eli Bridge (405) 240-2149

Start: LAT 34.29412 LON 98.94082

End: LAT LON

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
07:06	EAME	1	H	-80	300		07:36	MOD0	1	S	75	400	Fly by
:06	NOB0	1	H	45	320		:37	MOD0	1	H	80	410	
:06	GRSP	1	H	-75	100		:38	EAME	1	S	-55	270	
:06	EAME	1	H	-65	260		:39	RWBL	1	S	0	100	Fly by
:07	PABW	1	H	55	250		:40	CON1	1	S	-15	75	Fly by
:07	NOB0	1	H	20	380		:41	BHCO	1	H	+85	110	
:07	EAME	2	H	-45	400	Distant cluster	:42	DICK	1	H	15	270	
:11	WWID	1	H	+85	30	Small "flock" alarm call	:42	DICK	1	H	5	350	
:11	EAME	1	H	0	330		:42	CASP	1	H	10	190	220m
:12	KILL	1	H	90	350		:43	EAME	1	H	45	250	
:14	DICK	1	H	-45	250		:44	DICK	1	S	-25	65	
:14	DICK	1	H	5	250		:47	DICK	1	H	25	300	260
:14	EAME	1	H	10	300		:48	GTGR	1	S	40	350	
:17	NOHA	1	S	-60	260	Male	:49	CASP	1	H	45	250	
:18	NOB0	1	H	-30	180		:50	NOB0	1	H	-35	300	250
:20	RWBL	1	S	-90	130		:51	LASP	1	S	-30	90	

Grassland Bird Survey Datasheet



Grassland Bird Survey Datasheet

Date: 2013 / 05 / 29

Observer: JDR

Page 1

Loc: Hackberry Flat

Rte/Trnsect: D02

GPS unit: 01

If found please contact: Jeremy Ross (419)

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

Start:

LAT 34.28914 LON 98.92336

Time 08:27 Cloud 95 Wind 15-20 SE

End:

LAT 34.28924 LON 98.94057

Time 09:11 Cloud 90 Wind 15-20 SE gusty

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
08:29	LASP	1	S	5	85	Flyby	:						
:29	BHCO	1	H	90	170		:						
:30	MODO	1	S	90	225	Flyby	:						
:32	LASP	1	S	-5	190	Flying	:						
:32	DICK	1	S	-10	160	Fly in	:						
:34	KILL	2	S	-90	150	Flying	:						
:35	HOLA	1	H	-5	200		:						
:37	DICK	1	S	-35	90	Flyby	:						
:40	EAME	1	H	-110	250		:						
:45	RWBL	1	S	135	210	Flyby	:						
:45	DICK	1	S	95	110	Flew out of whet	:						
:46	RWBL	1	S	110	180	Flew out of whet	:						
:47	MODO	2	S	10	160	Flyby	:						
:47	CASP	1	H	145	250	Faintly heard	:						
:53	DICK	1	H	135	290		:						
:53	AMGO	1	H	-40	130		:						
:54	EAME	1	H	125	300	350	:						
:55	CLSW	1	S	0	80		:						
:55	HOLA	1	H	-10	175		:						
:57	HOLA	1	H	30	180		:						
:58	HOLA	1	H	80	170	Heard then seen	:						
:58	HOLA	2	S	75	160	Flying in above HOLA	:						
:59	HOLA	1	S	-55	100		:						
09:00	KILL	1	H	70	240		:						
:01	KILL	1	S	35	180	Flew in in above KILL	:						
:03	EAME	1	S	55	230		:						
:04	RWBL	1	S	50	175	Edge of field	:						
:05	CONI	1	S	-15	20	Flushed from bare ground	:						
:06	HOLA	1	H	-45	110		:						
:07	HOLA	1	S	40	90		:						
:07	CONI	1	S	80	160	Two flying together	:						
:08	NOBO	1	H	-90	290	Edge of field	:						
:09	KILL	1	S	50	60	Flew in 2 others	:						

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

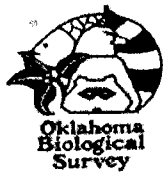
Bare ground

Forbs

Litter

Standing Dead

wheat field to summer fallow



Grassland Bird Survey Datasheet

Date: 2013 / 06 / 01

Observer: JDR

Page 1

If found please contact: Jeremy Ross (419)

Loc: Oswalt

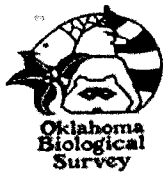
Rte/Trnsct: A

GPS unit: 01

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

Start: LAT 33.98796 LON -97.22184
Time 13:11 Cloud 90 Wind 10-15NEEnd: 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
13:11	EAME	1	H	90	180		13:35	DICK	1	H	45	240	
:11	DICK	1	H	45	200		13:35	DICK	1	H	70	220	
:11	EAME	1	H	40	250		:35	EAME	1	H	65	150	
:11	EAME	1	H	-35	210		:38	DICK	1	S	-20	75	Flyby
:11	EAME	1	H	10	230		:39	TUVU	2	S	-45	400	Flyby
:11	DICK	1	H	70	250		:39	MIKI	1	S	45	500	Flyby
:13	EAME	1	H	-90	300		:40	DICK	1	S	0	115	Female, fence line
:14	GRSP	1	H	45	100		:42	DICK	1	H	-55	180	
:16	DICK	1	H	140	120	140°	:43	DICK	1	S	20	40	Female
:16	DICK	1	S	-35	85		:44	NOBO	1	H	-35	175	
:18	DICK	1	S	-30	40		:46	DICK	1	S	90	130	
:18	DICK	1	S	5	35		:47	GRSP	1	S	-25	15	Flushed
:19	DICK	1	S	-40	95		:48	GRSP	1	H	85	90	
:20	DICK	1	H	80	150		:48	GRSP	1	H	-90	120	
:20	DICK	1	H	55	160		:49	EAME	1	H	140	200	
:21	GRSP	1	S	135	3	Flushed, prob nest	:50	GRSP	1	S	-60	175	Flying
:23	DICK	1	H	40	110		:50	EAME	1	H	30	290	
:24	DICK	1	S	-25	125		:51	DICK	1	H	-45	50	
:24	NOMO	1	H	55	300		:51	DICK	1	H	70	220	40°
:26	DICK	1	H	-80	125	Same as above?	:51	EAME	1	H	-40	300	
:28	EAME	1	H	40	220		:52	GRSP	1	S	35	125	
:28	GRSP	1	S	0	90		:53	NOBO	1	H	30	295	
:28	GRSP	1	H	10	100		:53	DICK	1	H	25	190	
:28	EAME	1	S	30	120		:54	NOMO	1	H	40	275	
:30	GRSP	1	H	-35	110		:55	GRSP	1	H	90	110	
:30	GRSP	1	S	45	90		:56	DICK	1	H	15	190	
:30	DICK	1	H	45	70		:56	DICK	1	H	35	240	
:32	DICK	1	S	-35	75		:57	DICK	1	H	-35	190	
:32	GRSP	1	H	-45	110		:57	NOBO	1	H	-15	280	
:33	NOMO	1	H	30	280		:57	AMCK	2	H	-110	350	Flyby
:34	DICK	1	H	25	100		:58	NOCA	1	H	40	250	
:35	NOCA	1	H	50	110		:58	DICK	1	S	-90	45	Female



Grassland Bird Survey Datasheet

Date: 2013 / 06 / 01

Observer: SPR

Page 2

If found please contact: Jeremy Ross (419)

Loc: Oswant

Rte/Trnsct: A

GPS unit: 01

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

Start:

LAT

LON

Time

Cloud

Wind

End:

LAT 33.98769

LON 97.24757

Time 14:52

Cloud 20

Wind 10-15 NE

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
14:00	EAME	1	H	5	290		14:23	FISP	1	H	45	200	
:00	DICK	1	S	55	90		:24	DICK	1	H	-40	175	
:00	DICK	1	H	-30	280		:25	EAME	1	H	35	200	175m
:00	DICK	1	S	30	200	Female chased by M	:25	DICK	2	S	-15	80	Female CF + Male
:00	GRSP	1	H	-45	120		:26	FISP	1	H	60	120	
:02	GRSP	1	S	-65	60	Carrying Food (CF)	:28	DICK	1	H	85	140	
:03	TUUL	1	S	-45	450	Flyby	:28	EAME	1	H	-10	240	
:04	DICK	2	S	-20	110		:29	EAME	1	H	-35	280	
:05	PABW	1	H	40	160		:29	FISP	1	H	35	190	
:05	GRSP	1	H	60	70		:30	MODO	1	S	0	200	
:06	GRSP	1	H	50	130		:31	DICK	1	S	35	20	
:07	DICK	1	H	20	175		:31	DICK	1	H	20	65	
:07	DICK	1	H	35	180		:32	EAME	1	S	-40	95	Flyin
:07	DICK	1	H	5	220		:33	EAME	1	H	-5	180	
:07	EAME	1	H	-10	200		:34	DICK	1	S	-5	40	On fence line
:08	DICK	1	H	-35	90		:35	BARS	1	S	-5	130	
:08	GRSP	1	H	25	80		:36	EAME	1	S	5	110	
:08	BEVI	1	H	45	115		:36	EAME	1	S	10	80	
:09	YSFL	1	H	35	350		:36	FISP	1	H	30	200	
:10	DICK	1	H	30	210		:36	EAME	1	S	10	50	
:12	DICK	1	S	-10	35	Female	:37	DICK	2	S	-5	50	Female line
:13	DICK	1	S	25	30		:39	DICK	1	S	-55	100	
:13	LASP	1	H	90	120		:39	DICK	1	S	-45	50	
:13	TUTI	1	H	85	360		:41	MODO	1	S	-5	75	Female line
:15	DICK	1	H	-10	80		:42	EAME	1	S	-20	55	Flyby
:16	EAME	1	H	-120	180		:43	EAME	1	H	80	145	Flight song
:17	STFL	1	H	-175	45	Heard then seen	:43	EAME	1	S	50	170	
:18	DICK	1	H	-90	55		:44	BARS	2	S	0	50	
:19	LASP	1	H	90	120		:44	GRSP	2	S	35	8	
:20	DICK	2	S	90	95		:47	AMKE	1	S	-25	165	Feeding atop fencepost
:20	NOLA	1	S	20	60		:48	YSFL	1	H	-70	200	
:20	DICK	1	S	30	100		:49	NOMO	1	H	100	150	
:21	MILI	1	S	20	50	Flushed from bush	:50	MODO	43	S	50	160	

START VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Grasses

Bare ground

Forbs

Litter

Standing Dead

50 EAST 1 END VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Grasses

Bare ground

Forbs

Litter

Standing Dead

REVI CARV (both out side) Hummingbird

14:51 GRSP 1 H -160 110



Grassland Bird Survey Datasheet

Date: 2013 / 06 / 03

Observer: JDR

Page 1

Loc: Cim Bluff

Rte/Trnst: E

GPS unit: 01

If found please contact: Jeremy Ross (419)

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

Start: LAT 36.84115 LON 99.34570
Time 07:07 Cloud 65 Wind 0-5

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
07:07	BARS	2	S	-25	100		07:28	CASP	1	H	-25	130	
:07	EAME	1	H	-65	200		:30	CASP	1	H	30	200	
:07	CASP	1	H	-10	125		:31	EAME	1	H	-40	250	
:07	NOMO	1	H	-85	160		:31	GRSP	1	H	-90	70	
:07	CLSW	1	S	-55	90		:32	CLSW	1	S	-45	50	
:07	NOBO	1	H	20	380		:33	BARS	1	S	10	150	
:08	WEME	1	H	45	300		:33	NOBO	1	H	-35	350	
:08	NOMO	1	H	20	260		:34	GRSP	1	H	10	100	
:09	CASP	1	H	-25	250		:34	WEME	1	H	50	250	
:10	NOBO	1	H	-90	200		:34	CASP	1	H	-45	220	
:11	EAME	1	H	40	230		:34	CASP	1	H	0	180	
:11	RNPH	1	H	-35	380		:34	EAME	1	H	40	120	
:13	WEKI	1	H	80	230		:35	WEME	1	H	-90	300	
:13	WEKI	1	H	110	240		:36	KILL	1	H	-15	200	
:16	STFL	1	S	70	250		:37	WEME	1	S	0	190	Later sang
:16	RHWO	1	S	65	250		:37	GRSP	1	H	-90	85	
:16	MODO	1	S	65	290		:38	DICK	1	H	-45	260	
:17	CASP	1	S	0	90	One chasing other	:38	BARS	1	S	30	120	
:18	STFL	1	S	40	270		:40	EAME	2	H	-90	300	Cluster
:18	BAOR	1	H	30	290		:40	EAME	1	H	-45	260	
:19	EAME	1	H	85	180		:40	GRSP	1	H	-55	100	
:20	GRSP	1	H	-90	130		:42	GRSP	1	S	45	75	Flyover
:21	EAME	1	H	-15	300		:43	GRSP	1	H	35	90	
:21	LASP	1	S	25	250		:43	DICK	1	H	30	280	
:22	BARS	2	S	0	175		:45	CASP	1	H	35	230	
:22	RWBL	1	H	-100	80	Flyby	:45	HAWO	1	S	40	110	
:23	EAME	1	S	-5	150	Flyby	:45	WEME	1	H	15	250	
:24	WEME	1	H	35	240		:45	CASP	1	H	5	200	
:25	WEME	1	H	-20	250		:48	DICK	1	H	-15	230	
:26	EAME	1	H	-80	360		:49	GRSP	1	H	-60	85	
:26	CASP	1	H	-80	240		:50	CASP	1	H	-25	210	
:27	GRSP	1	H	-50	75		:50	MODO	1	H	-90	190	
:28	THUU	1	S	-20	125		:50	NOBO	1	H	-35	360	

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 _____

Before: WITH, CASP, BARS



Grassland Bird Survey Datasheet

Date: 2013 / 06 / 03

Observer: JDR

Page 2

If found please contact: Jeremy Ross (419)

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

Loc: Cim Bluff

Rte/Trnsct: E

GPS unit: 01

Start:

LAT

LON

Time

Cloud

Wind

End:

LAT 36.81742

LON 99.34569

Time 09:01

Cloud 30

Wind 10-15 SSE

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
07:51	GRSP	1	S	0	70		08:27	CASP	1	H	55	225	
:52	BHCO	1	H	25	100		:27	CASP	1	H	-10	200	
:53	EAME	1	H	-45	200		:28	GRSP	1	H	-90	95	
:53	STFL	1	H	-100	160		:28	GRSP	1	S	-3	140	
:56	GRSP	1	S	-5	80		:28	WEME	1	H	40	200	
:56	CLSW	1	S	20	90		:31	LETE	1	S	0	80	Fly over
:57	LASP	1	H	30	240		:31	WEME	1	S	15	110	
:58	GRSP	1	S	-35	100	Fly by	:31	DICK	1	H	10	250	
08:00	DICK	1	H	-25	220		:32	DICK	1	H	-5	180	
:00	TUVU	1	S	10	60	Fly over	:33	EAME	1	H	60	275	
:01	CASP	1	H	-30	190m		:33	EAME	1	H	0	280	
:02	CASP	1	H	5	230		:35	EAME	1	S	-55	85	Carrying food (CF)
:04	SWHA	1	H	-35	325	SWHA (calling) Perched in ravine trees	:35	GRSP	1	H	-20	90	
:06	WEME	1	S	0	80	Carrying food (CF)	:36	LASP	1	S	90	75	
:06	WEME	1	S	80	75	55°	:36	WEME	1	H	-15	250	
:07	SWHA	1	S	0	400	Pass nest w	:40	MOD0	2	S	35	70	
:08	GRSP	1	H	85	20		:42	LASP	1	S	40	125	
:11	CASP	1	H	5	230		:43	EAME	1	H	55	300	
:11	CASP	1	H	45	250		:44	GRSP	1	S	-2	60	
:11	DICK	1	H	25	250		:45	DICK	1	H	40	275	
:13	LASP	2	S	-80	130		:47	GRSP	1	S	5	35	
:13	GRSP	1	S	-80	135		:47	MOD0	1	S	-25	60	Fly by
:13	DICK	1	H	-35	190		:48	EAME	1	S	0	75	Flew in and landed
:16	GRSP	1	H	-20	85	-20°	:48	GRSP	1	S	-85	65	
:19	CASP	1	H	-50	110		:50	DICK	1	H	35	250	
:19	GRSP	1	S	3	110		:50	KILL	2	S	65	225	
:21	MOD0	1	S	5	40	Fly by	:50	GRSP	1	H	-45	120	
:22	LASP	2	S	90	80	Copulating pair	:52	GRSP	1	S	5	100	
:22	GRSP	1	H	30	85		:53	GRSP	1	H	-35	75	
:23	GRSP	1	H	-60	70		:53	NOB0	1	H	15	200	
:24	DICK	1	S	-60	10	Fly over	:55	EAME	1	H	-45	250	
:25	EAME	1	H	45	220		:57	DICK	1	H	30	125	3 rd male in ravine
:27	EAME	2	S	-40	200		:58	BHCO	1	H	10	120	

START VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Grasses

Bare ground

Forbs

Litter

Standing Dead

58 MOD0 1 END VEGETATION SURVEY

Minimum height of visual obstruction (cm):

Ground cover (% from above):

Grasses

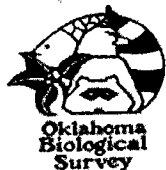
Bare ground

Forbs

Litter

Standing Dead

SWHA nest E 36.82829, 99.34556 (East ~ 175m)



Grassland Bird Survey Datasheet

Date: 2013 / 06 / 03

Observer: JDR

Page 1

If found please contact: Jeremy Ross (419)

Loc: Cim Bluff

Rte/Trnsct: F

GPS unit: 01

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

Start: LAT 36.81684 LON 99.33716
Time 09:20 Cloud 20 Wind 10-15 SSE

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
09:21	LASP	2	S	5	180		10:01	MODO	2	S	-15	125	
:23	GRSP	1	H	20	60		:02	GRSP	1	S	-85	8	Flushed, poss. nest
:23	GRSP	1	H	-45	85		:03	LASP	1	H	-10	85	
:24	GRSP	1	S	20	75	(CF)	:04	NOBO	1	H	50	175	
:28	BHCO	1	S	-85	240		:05	NOBO	1	H	20	120	
:33	MODO	1	S	-10	35	Flyby	:06	MODO	1	H	15	100	
:34	EAME	1	H	40	275		:06	PABu	1	H	0	80	
:34	EAME	1	H	-155	180		:09	MODO	1	S	0	25	
:35	LASP	1	S	50	30		:10	MIKI	1	S	90	120	Soaring low
:37	LASP	1	S	-35	70		:11	STFL	1	S	-3	110	
:41	CLSW	1	S	60	200		:11	LASP	1	H	55	190	
:41	GRSP	1	H	-80	110	Heard	:15	BAOR	1	S	80	70	2nd year M Flyby
:43	LASO	1	H	100	175		:15	STFL	1	S	-90	110	
:44	MODO	1	S	-135	50	Flyby	:16	GRSP	1	S	40	40	CF, female
:44	STFL	1	H	-90	45		:18	EAME	1	H	35	130	
:46	MODO	1	S	90	130		:19	BHCO	1	H	60	140	
:47	EAME	1	H	25	190		:20	MODO	2	S	0	70	
:47	MODO	1	H	95	150		:22	LASP	1	S	30	35	
:47	EAME	1	H	90	210		:22	RBWO	1	S	125	25	Flew in to trees
:48	BHCO	1	H	55	160		:23	NOBO	1	H	95	300	
:48	BHCO	1	S	65	110		:23	WEME	1	H	85	280	
:50	GRSP	1	H	-85	90		:23	LASP	1	H	90	85	
:51	WEME	1	H	-90	300	320m	:24	WEME	1	H	-125	110	
:52	TUVU	4	S	155	150	Soaring low	:26	LASP	1	H	-135	85	
:54	GRSP	1	H	45	85	85m	:26	GRSP	1	H	-100	100	
:56	BHCO	1	H	90	185	Heard then seen, flyby	:29	EAME	1	H	40	290	
:57	BHCO	1	S	5	160		:29	GRSP	1	H	-70	80	
:57	WEME	1	H	25	275		:30	GRSP	1	H	-55	110	
:58	GRSP	1	S	-15	60		:33	DICK	1	H	75	230	
:58	STFL	1	S	3	95		:33	WEME	1	H	-50	210	
:59	GRSP	1	S	-10	35	Female	:35	GRSP	1	S	40	80	Female
10:00	GRSP	1	H	20	65		:35	GRSP	1	S	30	65	Female
:00	DICK	1	H	-80	210		:35	DICK	1	H	90	250	

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):

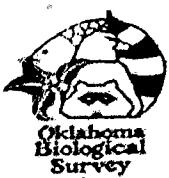
Grasses _____

Bare ground _____

Forbs _____

Litter _____

Standing Dead _____



Grassland Bird Survey Datasheet

Entered

Date: 2013 106 104 Observer: SDR Page 1

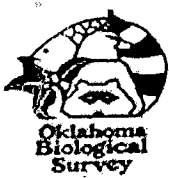
Loc: Cim Hills Rte/Trnsct: C GPS unit: 01

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

Start: LAT 36.94197 LON 99.36328
Time 09:34 Cloud 0 Wind 10-15 SE

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
09:34	BARS	1	H	-90	140		09:58	RWBL	1	S	0	20	Female in cattails
:34	NOMO	1	H	-75	155		09:59						Skirted around ditch
:34	COBR	1	S	-10	70		New Sert:	36.93932	99.36901				Time 10:01
:34	MODO	1	S	-45	180	Flyby	10:01	RWBL	1	S	40	50	
:36	COBR	2	S	10	200	Flyby	:01	WEME	1	H	-20	220	
:36	ELAST	1	S	0	290	FLH	:01	RWBL	1	S	20	120	



Grassland Bird Survey Datasheet

Date: 2013 / 06 / 04

Observer: JDR

Page 2

If found please contact: Jeremy Ross (419)

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

Loc: Cim Hills

Rte/Trnsct: C

GPS unit: 01

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
10:10	1001	1	1	15	100		10:11	1002	1	1	0	80	



Grassland Bird Survey Datasheet

Date: 2013 / 06 / 04

Observer: JDR

Page 3

If found please contact: Jeremy Ross (419)

Loc: Cim Hills

Rte/Trnsct: C

GPS unit: 01

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

Start:

LAT

LON

Time

:

Cloud

Wind

End:

LAT

36.92644

LON

99.38966

Time

11:28

Cloud

5

Wind

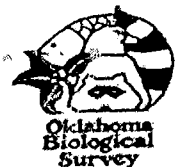
10-15SW

TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES
11:19	MODD	2	S	-40	180		:						
: 19	NOMO	1	H	25 390	0°		:						
: 19	STFL	1	H	-5	265		:						
: 22	NOBO	1	H	75 220	15°		:						
: 23	WEME	1	H	65	300		:						
: 24	BARS	1	H	20	50		:						
: 24	WEME	1	S	65	75		:						



Grassland Bird Survey Datasheet

Emerald



Grassland Bird Survey Datasheet

Date: 2013 / 06 / 04

Observer: JDR

Page 2

Loc: Cim Hills

Rte/Trnsct: D

GPS unit: 01

If found please contact: Jeremy Ross (419)

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

Start: LAT _____ LON _____
Time : Cloud Wind

End: LAT 36.94407 LON 99.37407
Time 09:14 Cloud 5 Wind 10-15 SE

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
08:20	WEME	1	S	20	100		08:54	GRSP	1	S	-10	65	CF
:20	MODO	1	S	5	125	Flyby	:54	WEME	1	H	-10	200	
:21	COGR	1	S	-90	115		:55	DICK	1	H	35	250	
:22	MODO	3	S	-35	90	Flyby	:55	LASP	1	H	-15	75	
:22	DICK	1	H	5	285		:56	CASP	1	H	70	210	
:23	LASP	1	H	80	85		:56	CASP	1	H	25	170	
:25	LASP	1	S	-1	75		:59	GRSP	1	S	-75	40	
:25	LASP	1	S	15	90	Flown in, landed	09:00	LASP	1	H	80	100	
:26	MODO	1	S	-5	65		:01	CASP	2	S	-80	120	Flight song chasing each other
:27	WEME	1	H	-35	200		:03	BHCO	1	H	45	50	Flyby
:31	MODO	1	S	-90	15	Flushed	:05	CASP	1	H	25	200	
:33	MODO	2	S	-80	70		:07	WEME	1	H	30	195	
:33	WEME	1	H	40	285		:08	DICK	1	H	40	250	
:34	NOBO	1	H	-20	350		:10	BHCO	1	H	-40	110	
:34	LASP	2	S	-25	65	Copulation (C)	:11	DICK	2	H	-45	150	Cluster
:37	MODO	1	S	45	5	Flown over, landed	:11	DICK	1	H	25	160	
:38	CASP	1	H	35	165		:12	CASP	1	H	40	65	Fence line
:39	FISP	1	H	-90	150		:14	CASP	1	H	-90	110	
:42	MODO	1	S	0	200	Flyby	:						
:43	MODO	1	S	-120	12	Flushed	:						
:43	MODO	1	S	125	15	Flushed	:						
:43	GRSP	1	H	35	65		:						
:43	MODO	1	S	25	40	Flushed	:						
:44	NOBO	1	H	80	120		:						
:46	WEME	1	H	-40	135		:						
:47	MODO	2	S	10	25	Flushed	:						
:49	GRSP	1	S	-30	80		:						
:51	MODO	1	S	+40	15	Flushed	:						
:51	CASP	1	S	0	55		:						
:52	MODO	1	S	-55	12	Flushed	:						
:53	BHCO	1	H	-75	90		:						
:53	WEME	1	H	40	265		:						
:53	CASP	1	H	-50	270		:						

START VEGETATION SURVEY

Minimum height of visual obstruction (cm): _____

Ground cover (% from above):

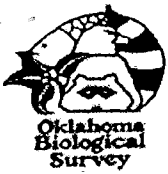
Bare ground _____ Grasses _____
Forbs _____
Litter _____ Standing Dead _____

END VEGETATION SURVEY

Minimum height of visual obstruction (cm): _____

Ground cover (% from above):

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



Grassland Bird Survey Datasheet

Entered

Date: 2013 / 06 / 05

Observer: JBR

Page 1 / 1

If found please contact: Jeremy Ross (419)

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

Loc: Rita Blanca

Rte/Trnsct: C

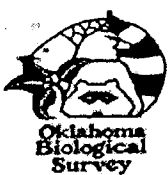
GPS unit: 01

Start: LAT 36.50487 LON 102.64323
Time 09:18 Cloud 70 Wind 15-20 N gust

End: LAT 36.50482 LON 102.67889
Time 10:56 Cloud 100 Wind 15-20 NNE

Hrd/ Angle DIST

Hrd/ Angle DIST



Grassland Bird Survey Datasheet

Date: 2013/06/05 Observer: JDR Page 1

If found please contact: Jeremy Ross (419)

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

Loc: Rita Blanca

Rte/Trnsct: D

GPS unit: 01

Start: LAT 36.51222 LON 102.67892
Time 11:10 Cloud 100 Wind 15-20 NNE

End: LAT 36.51270 LON 102.65237
Time 12:17 Cloud 100 Wind 10-15 NE

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
11:10	HOLA	1	H	10	110		:						
:10	HOLA	1	H	45	125		:						
:10	WEME	1	H	-20	270		:						
:10	WEME	1	H	-80	310		:						
:14	HOLA	1	H	30	100		:						
:17	HOLA	1	H	-80	160		:						
:18	HOLA	1	H	75	140		:						
:18	CONI	1	H	45	300		:						
:19	WEME	1	H	-20	250		:						
:23	SWMA	1	S	-5	225	Fence line	:						
:24	HOLA	1	S	0	60	Flowing lands	:						
:26	HOLA	1	H	0	95	Fence line	:						
:27	WEME	1	H	-90	350		:						
:33	HOLA	1	H	15	150		:						
:34	WEKI	2	S	-90	135	Fence line	:						
:36	LBCU	1	H	120	285	Heard then seen	:						
:38	HOLA	1	H	35	120		:						
:40	HOLA	2	S	-60	145	Chasing each other	:						
:43	WEME	1	H	-75	300		:						
:46	WEME	1	H	-40	295		:						
:47	HOLA	1	H	-50	125		:						
:50	CHRA	2	H	35	450	Heard then seen flying	:						
:50	LBCU	1	H	-160	400	Heard fairly well	:						
:55	LBCU	1	S	-5	220	Seen then heard calling in	:						
:56	WEME	1	H	-15	325	Flight	:						
:56	HOLA	1	H	90	150	Flight song/display	:						
12:08	HOLA	1	H	-100	85		:						
:08	WEME	1	H	35	300		:						
:12	HOLA	2	H	-5	130	Fighting	:						
:16	WEME	1	S	60	110	Fence line	:						
:							:						
:							:						
:							:						

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 _____

Before: NOVA (F) WEKI



Grassland Bird Survey Datasheet

Entered

Date: 2013/06/06

Observer: JDR

Page 1

If found please contact: Jeremy Ross (419)

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

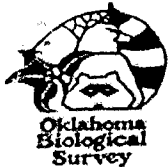
Loc: Optima NWR

Rte/Trnsct: B

GPS unit: 01

Start: LAT 36.64761 LON 101.21771
Time 17:40 Cloud 5 Wind 0-5 EEnd: 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
17:40	LASP	1	S	45	40		18:20	CASP	1	H	35	80	
:40	CASP	1	H	-75	115		:20	CONI	1	H	90	400	
:46	BUOR	1	H	80	245		:23	CASP	1	H	40	250	
:46	CASP	1	H	-45	280		:23	EAME	1	H	35	375	
:46	CASP	1	H	-10	225		:23	LASP	1	H	-40	85	
:47	CASP	1	S	-95	25		:23	CASP	1	S	-40	30	
:47	Sparrow	1	S	-90	25	Rufous crown, lin through eye	:23	NOBO	1	H	20	400	
:47	NOMO	1	H	+35	300		:27	NOBO	1	H	85	500	
:50	CASP	1	H	100	250		:30	LASP	1	S	-30	90	Flying away
:51	WEKI	1	S	25	300		:32	HOOP	1	H	-60	290	Farmsite
:52	WEKE	1	H	-20	400		:33	CASP	1	H	-25	210	
:54	BUOR	1	H	80	200		:37	NOMO	1	H	-85	385	Farmsite
:55	WEKI	1	H	70	115		:37	STFL	1	H	10	250	
:56	WAVI	1	H	65	230		:37	TUVU	1	S	-90	425	Singing low
:58	NOMO	1	S	5	240		:37	WEKE	1	H	-30	310	
18:00	EAME	1	H	10	250		:38	STFL	1	S	10	70	
18:00	WEKE	1	H	-90	295		:42	NOMO	1	S	5	100	
:00	CASP	1	H	-65	90		:44	CASP	1	H	-75	200	
:00	ATEL	2	H	80	235	Cluster	:45	STFL	1	H	-10	160	
:03	WEKI	1	H	15	250		:45	STFL	1	S	0	155	Flying & adler STFL
:03	LASP	1	H	90	230		:48	CASP	1	H	45	25	Flew up, carrying food (LP)
:07	CASP	1	H	-40	250		:49	BARB	1	S	45	50	
:07	MADO	1	H	70	350		:49	NOBO	1	H	35	410	Duplicate?
:07	CASP	1	H	-75	180		:49	LASP	1	H	-35	125	
:08	BUOR	1	S	50	115		:49	CASP	1	H	-40	180	
:10	BUOR	1	H	-10	175		:52	CASP	1	H	80	250	
:11	EAPH	1	S	-70	110	Flew in, landed	:53	CASP	1	H	50	170	



Grassland Bird Survey Datasheet

Date: 2013 / 06 / 06

Observer: SDR

Page 2

If found please contact: Jeremy Ross (419)

Loc: Optima NWR

Rte/Trnsct: B

GPS unit: 01

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

Start: LAT

LON

Time

:

Cloud

Wind

End: LAT

36.66590

LON

101.17803

Time

19 : 40

Cloud

2%

Wind

5-10 ESE

TIME	SPECIES	QTY	Hrd/	Angle	DIST	NOTES
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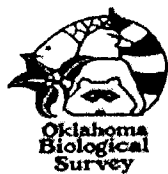
TIME	SPECIES	QTY	Hrd/	Angle	DIST	NOTES
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Entered 1



tentored!



Grassland Bird Survey Datasheet

Date: 2013 / 06 / 12 Observer: SDR Page 1

Loc: Grimes Switch Rte/Trnsct: Road Trns GPS unit: 01

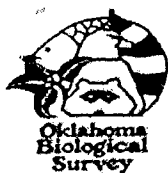
If found please contact: Jeremy Ross (419)

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

Start: LAT 34.79744 LON 97.49248
Time 06:43 Cloud 0 Wind 10-15 SSW

End: LAT 34.79735 LON 97.48180
Time 07:39 Cloud 50 Wind 10-15 S

TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES
06:43	DICK	1	H	15	90		07:10	DICK	1	H	65	75	
06:43	DICK	1	H	15	90	R.I.A	07:10	CLSW	3	S	-90	20	



Entered - survey data

Grassland Bird Survey Datasheet

Date: 2013 / 06 / 24

Observer: JDR

Page: 1

Loc: WMWR

Rte/Trnsct: B01

GPS unit: 01

If found please contact: Jeremy Ross (419)

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

Start:

LAT

LON

Time 07:10 Cloud 30 Wind 5-10 S

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
07:10	LASP	2	S	85	45	Fighting	07:35	LASP	1	S	-5	125	F
07:10	LASP	1	S	40	50		:35	RWBL	1	S	35	65	Female CF
07:10	FISP	1	W	-75	100		:35	BLGR	1	H	95	85	
07:10	BEWR	1	H	-90	70		:35	FISP	1	H	-45	110	
07:10	BGGN	1	H	90	60		:38	MODD	1	S	-30	90	F
07:15	NOBO	1	H	-65	250		:39	LBHE	4	S	-40	80	Flyover
07:15	LASP	1	H	90	75		:39	NOLA	1	H	-15	275	
07:15	CAEG	4	S	-80	150	Flyby	:41	LASP	1	H	-25	120	
07:16	CARW	1	H	110	125		:41	W	1	H	15	60	"Tinking" DICK
07:20	CACH	1	H	-160	80		:41	BHCO	1	S	-5	135	Female, F
07:20	TWTI	1	H	-160	190		:42	DICK	1	S	30	45	With above DICK (P)
07:22	DICK	1	H	-20	170	Fence line	:44	MODD	1	S	-60	125	F
07:22	CAEG	3	S	30	200	At pond	:44	LASP	2	S	-85	90	Fence line
07:22	CAEG	4	S	-25	225	Came to pond	:46	LASP	1	S	-10	30	Flushed
07:22	RWBL	1	H	10	165		:46	DICK	1	H	-45	155	
:22	LASP	1	H	70	210		:46	PABW	1	H	-50	110	
:22	DICK	1	H	-15	185		:47	LASP	1	H	55	85	
:22	MODD	3	S	0	150	Flyby	:48	LASP	2	S	-75	30	Copulating pair
:22	BARS	1	S	10	200	Over pond	:49	LASP	2	S	10	75	Adult chasing HY
:22	CLSW	4	S	0	50	Flyover	:50	LASP	1	S	-80	10	Surv. flushed
:27	LASP	1	S	80	15	Flushed, HY	:53	TWUW	1	S	-25	105	Perched on sign
:27	PABW	1	H	85	150		:53	LASP	2	S	0	75	Pair, "Tinking"
:29	NOBO	1	H	-10	400		:55	LASP	3	S	-85	60	F together
:29	CLSW	7	S	15	75	High above pond	:58	PABW	1	H	-65	200	
:31	KILL	1	H	90	200	F	:58	LASP	1	H	-70	90	
:31	KILL	1	H	70	250		:58	LASP	1	H	-5	200	
:31	CAEG	2	S	55	300	F	:58	BLGR	1	H	-15	190	
:33	LGHE	1	S	-65	35	Flushed	08:00	CAEG	6	S	30	230	With lion
:33	LASP	1	S	-85	40		:01	EABL	4	H	-45	85	On fence line (later seen)
:33	YBCN	1	H	-70	80		:01	LASP	2	S	-45	85	On fence w/ EABLs
:33	RWBL	1	H	-50	50		:01	NOBO	1	H	-50	300	
:35	MODD	1	S	-35	110	F	:01	PABW	1	H	-15	80	BLGR
:35	EAME	1	H	-40	200		:01	NOBO	1	H	-45	300	

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

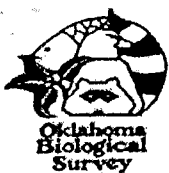
Grasses

Forbs

Litter

Standing Dead

Before: TWUW (perched), BGGN, PABW (s), AMCR, TWTI



Grassland Bird Survey Datasheet

Date: 2013 / 06 / 24

Observer: JDR

Page 2

If found please contact: Jeremy Ross (419)

Loc: WMWR

Rte/Trnsct: B01

GPS unit: 01

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

Start: LAT

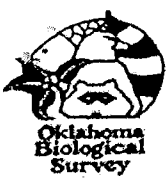
LON

End:

LAT 34.68972

LON 98.73701

TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/Seen	Angle (deg)	DIST (m)	NOTES
08:05	MODO	1	S	-80	80	Female	:						
08:07	LA2P	1	S	-20	20	MY flushed	:						
:08	BLGR	1	S	-15	50	Female	:						
:10	LSP	1	S	-25	100	F	:						
:10	CLSW	1	S	45	65	F	:						
:10	RWDL	1	M	55	75	Pond	:						
:12	MODO	5	S	-20	125	Female	:						
:12	BHCO	2	S	-30	60	F	:						
:15	CAEG	1	S	60	250	F	:						
:15	LSP	1	M	-90	110		:						
:16	MODO	5	S	-100	85	F	:						
:16	BHCO	2	S	-90	70	♂ + ♀, female	:						



Grassland Bird Survey Datasheet

Entered

Date: 2013 / 06 / 30

Observer: JDR

Page 1

If found please contact: Jeremy Ross (419)

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

Loc: Rita Blanca

Rte/Trnsct: D

GPS unit: 01

Start: LAT 36.51222 LON 102.67895
Time 08:41 Cloud 2% Wind 10-15 ESE

End: LAT 36.51223 LON 102.65238
Time 09:39 Cloud 5% Wind 15-20 ESE

TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES	TIME	SPECIES	QTY	Hrd/ Seen	Angle (deg)	DIST (m)	NOTES
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