



Grassland Bird Survey Datasheet

Date: 4/21/14

Observer: Jessica

Page 2

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

Loc: Tall Grass

Transect: RT

GPS unit: 03

2414 or Eli Bridge (405) 240-2149

Start:

LAT

LON

Time

: Cloud

Wind

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
8:57	GRSP	1	S	-10	10		L	Flushed	9:30	EAMF	2	S	-30	20		L	Chase
8:58	EAMF	2	S	20	25		L	Chase	9:30	GRSP	1	S	0	15		L	
8:58	"	1	H	0	10				9:31	RWBBL	1	S	-50	75			
8:59	BHCO	1	S	25	30		F		9:32	GRSP	1	H	-45	25	S	L	
8:59	EAMF	1	H	-45	20				9:32	GRSP	1	S	-45	35		L	
9:05	EAMF	1	H	0	15	S			9:32	EAMF	1	H	-70	20			
9:05	BHCO	1	S	-15	50		F		9:33	"	1	H	-45	50	S		
9:06	BHCO	1	S	-35	50		F	Chased by sparrow	9:35	"	1	S	-20	25	S	L	
9:06	SPARR	1	S	-35	50		F	Chasing	9:36	GRSP	1	S	0	5		L	Flushed
9:07	RWBBL	1	S	-15	15		L		9:37	EAMF	1	H	-90	10	S		
9:07	EAMF	1	H	-25	20	S			9:38	GRSP	1	H	-45	40	S		
9:07	EAMF	1	S	-80	40	S	L		9:38	"	1	S	0	5		F	Flushed from follow
9:08	GRSP	1	S	0	5		L	Flushed	9:40	BARS	1	S	-75	25		F	
9:09	EAMF	1	S	-45	20		L		9:40	EAMF	1	H	-15	35	S		
9:10	SWAL	1	S	0	20		F	Saw Back	9:41	"	1	H	20	60	S		
9:11	EAMF	3	S	-40	25		L	3 chasing	9:41	"	1	H	-10	30	S		
9:13	RWBBL			0	30		F		9:42	GRSP	1	S	-5	10		F	Flushed
9:13	GRSP	1	S	0	20		F		:								
9:14	"	1	S	-20	15		L		:								
9:17	EAMF	1	H	-20	10	S			:								
9:19	"	1	S	-15	20		L		:								
9:19	"	1	H	-15	20				:								
9:20	"	1	S	90	35		L		:								
9:22	GRSP	1	H	-75	40	S			:								
9:22	EAMF	1	H	-90	25	S			:								
9:23	"	1	H	90	40	S			:								
9:23	GRSP	1	S	0	5		L	Flushed	:								
9:24	"	1	S	5	10		L	Flushed	:								
9:24	EAMF	1	H	-45	20	S			:								
9:25	BHCO	1	S	-45	30		F		:								
9:25	GRSP	1	S	+25	10		L	Flushed	:								
9:26	"	1	S	-40	10		L	Flushed	:								
9:27	BARS	1	S	40	10		F		:								
9:28	GRSP	1	H	-45	30	S			:								
9:29	EAMF	1	H	-70	30	S			:								

	Camera	Min height vis obstruct (cm)	Percent cover					Dist to edge	Habitat types <180m	Notes
			Forb	Grass	Dead	Bare	Litter			
Start										
1/3										
2/3										
End										

is actually
transcribed I to already in data
10/28/16
12/1/16

not found



Grassland Bird Survey Datasheet

Date: 5/9/14

Observer: JNH

Page 1

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

2414 or Eli Bridge (405) 240-2149

Loc: HACK

Transect: B

GPS unit: 02

Start: LAT 34.29306 LON -98.97556
Time : Cloud 5% Wind 5-10

End: LAT 34.29286 LON -98.96438
Time : 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
7:55	MOGR	2	S	-45	100		F	Flyover	8:36	EAME	1	H	5	60	S		
7:56	KILL	1	H	-30	120				8:37	CASP	1	H	-10	50	S		
7:57	HOLA	1	S	-180	10		H	Landed road	8:38	EAME	1	H	5	10	S		2nd of pair
7:57	8:04	BR	EA	K					8:38	MOPO	1	S	25	60	S	F	Flyover
8:03	RHCO	2	S	90	20		H	Chasing ♀	8:39	DICK	1	H	-60	60	S		
8:04	EAME	1	H	-45	70		H	Chatter	8:40	EAME	1	H	35	200	S		
8:05	CASP	1	H	-10	145	S			8:40	DICK	3?	H	-10	150	S		multiple singing
8:06	MOPO	1	S	-5	60			Flushed	8:40	RWBL	1	H	-5	150	S		
8:07	MOPO	1	S	00	5			Flyover	8:41	EAME	1	H	20	20	S		



Grassland Bird Survey Datasheet

Date: 5/9/14

Observer: JNH

Page 1

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

2414 or Eli Bridge (405) 240-2149

Loc: HACK

Transect: C

GPS unit: 02

Start:

LAT 34.28337

LON -98.96507

End:

LAT 34.26899

LON -98.96511

Time 09:08 Cloud 5%

Wind 5-10 (gusts 15)

Time 10:05 Cloud 5%

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
9:10	BHCO	1	S	5	10		F	Flyover	9:45	9AME	1	H	-90	120	S		
9:11	9AME	1	H	-180	120			chatter/buzz	9:46	GRSP	1	H	-110	75	S		
9:11	9AME	1	H	90	100	S			9:49	GRSP	1	H	-90	50	S		
9:12	9AME	1	S	40	160		L	Landed	9:49	GRSP	1	H	115	120	S		
9:13	GRSP	2	S	-90	70		L	Pair landed	9:50	GRSP	1	H	-5	175	S		
9:13	GRSP	1	H	100	40	S			9:51	SWHA	1	S	10	50		F	
9:14	9AME	2	S	90	65	S	L	♂s ♀ landed vocal	9:51	STFL	3	S	85	120			Mobbed SWHA
9:17	GRSP	1	H	-90	70	S			9:53	MONO	1	A	-90	60		F	



Grassland Bird Survey Datasheet

Entered 6/22 JNH

Date: 2014/06/04

Observer: JNH

Page 1/3

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

Loc: TGPP

Transect: A

GPS unit: 02

2414 or Eli Bridge (405) 240-2149

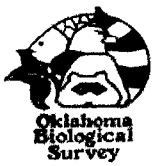
Start: LAT 36.80201 LON 96.42131
Time 6:47 Cloud 60 Wind 10-15

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
6:47	DICK	1	H	-90	35	S	1		7:08	DICK	1	H	-90	50	S		
6:48	AMCR	21	S	+90	150	F	V		7:09	2 AMCR	1	H	25	100			cattle
6:48	CONI	1	H	+90	100	S			7:09	DICK	1	H	-90	10			only note
6:48	2 AMCR	1	H	+90	100	S		rattle	7:09	DICK	2	H	-95	30	S		
6:49	2 AMCR	1	H	90	50	S		♂ song	7:11	2 AMCR	1	S	35	35	P		
6:50	NOBO	1	H	-45	120	S			7:12	FISP	1	H	30	75	S		
6:50	NOBO	1	H	30	150	S			7:12	YBCU	1	H	-65	85	P		
6:51	DICK	1	H	+100	90	S			7:13	YBCU	1	H	-95	10	S		
6:51	DICK	1	S	-5	50	P			7:13	YBCU	1	H	115	75	S		
6:52	DICK	1	H	25	65	S			7:13	BEVE	1	H	5	35	S		
6:53	2 AMCR	1	H	-75	60	S			7:14	NOBO	1	H	-75	75	S		
6:54	DICK	1	S	-40	45	P			7:14	FISP	1	H	5	45	S		
6:54	2 AMCR	1	H	-35	120	S			7:16	DICK	1	H	-45	35	S		
6:55	DICK	1	H	25	40	S			7:18	BEVE	1	H	10	30	S		
6:56	2 AMCR	1	H	-35	100	S			7:18	NOBO	1	H	15	70	S		
6:56	NOBO	1	H	-5	60	S			7:19	DICK	1	H	+90	35	S		
6:59	2 AMCR	2	S	-45	120			Pair	7:19	RWB	1	H	-45	50	S		
6:59	DICK	1	H	45	50	S			7:30	2 ABLE	1	H	90	50	S		
6:59	DICK	1	H	-65	60	S			7:30	RWB	1	S	5	45			
6:58	FISP	1	H	45	150	S			7:30	BEVE	1	H	-5	25	S		
7:00	DICK	1	S	-60	40	T		1 of pair	7:30	AMCR	1	H	25	100			
7:01	DICK	1	S	15	45	P		in habitat	7:30	FISP	1	H	45	120	S		
7:01	DICK	2	S	-15	35	P		Pair, chirping	7:31	2 AMCR	1	H	90	40			cattle
7:02	DICK	1	S	45	45	S			7:32	DICK	1	H	-20	15	S		
7:02	BHCO	1	H	-5	20				7:32	DICK	1	H	25	40	S		
7:03	DICK	1	H	15	35	S			7:34	DICK	1	S	-35	30	F		
7:04	DICK	1	S	-45	25			Pair	7:34	2 AMCR	1	H	-15	20			rattle call
7:04	NOBO	1	H	40	100	S			7:35	NOBO	1	H	25	35	S		
7:04	DICK	2	S	10	15			chase	7:35	RWB	1	H	10	30	S		
7:05	DICK	1	S	50	35	P			7:41	CHSP	1	S	90	25	P		calling
7:06	DICK	1	S	25	50	P			7:41	CHSP	1	S	-90	20	P		
7:06	2 AMCR	1	H	20	100			Rattle	7:48	BEVE	1	H	10	40	S		
7:09	FISP	1	H	-20	75	S			7:50	DICK	1	H	-90	35	S		
7:09	RWB	1	S	10	60	S			7:50	DICK	1	H	90	40	S		
7:08	NOBO	1	H	35	100	S			7:51	TUNW	1	S	90	150	F		

	Camera	Min height vis obstruct (cm)	Percent cover					Dist to edge	Habitat types <180m	Notes
			Forb	Grass	Dead	Bare	Litter			
Start			25	65	5	0	5	30m	Prairie	
1/3			35	50	3	2	10	600m	Savannah/scrubby	
2/3			30	50	0	15	5	1300m	"	
End			10	75	5	0	10	2.0km	Prairie w/ few trees	

found math. considered 10/2/10 ~~exclude~~ ~~anc 10/12~~ ~~not found~~ ✓



Grassland Bird Survey Datasheet

Date: 4/21/14

Observer: Jessica

Page 1 of 2

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

2414 or Eli Bridge (405) 240-2149

Loc: Tall Grass

Transect: I

GPS unit: 03

Start: LAT 36.84414 LON -96.42822
Time : Cloud 5% Wind 0-5

End: LAT 36.84446 LON -96.46616
Time 9:46 Cloud 15% Wind 10-20

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
07:36	BCH	1	H	40	7	u			08:05	GAM	1	H	-60	50	S		
07:36	RBWO	1	H	-90	150				08:12	"	2	S	-90	75			Chasing
07:37	NOBO	1	H	-90	200			1	08:12	HOLA	1	H	90	45			Roughen call
07:37	MODO	1	H	-90	100				08:18	EAME	1	H	-5	70	S		
07:37	TUTI	1	H	90	200				08:19	EAME	1	S	50	45			on fence
07:38	EAME	1	H	-90	150			call	08:20	EAME	1	H	45	5			Calling w/ 8-12 bird
07:39	FTSP	1	H	0	40	S			08:21	EAME	1	S	70	10			Flushed w/ other 2



Entered 6/6 JNH Grassland Bird Survey Datasheet

Date: 6/4/14

Observer: JNH

Page 1

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

Loc: TGPP

Transect: B

GPS unit: 02

2414 or Eli Bridge (405) 240-2149

Start: LAT 36.96946 LON 96.41192
Time : Cloud 45 Wind 5-10

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
9:57	DICK	1	S	-180	20	S			10:24	DICK	1	S	-50	40	S		
9:57	NOMO	1	S	-180	15	S			10:24	DICK	1	S	+90	45	S		
9:57	DICK	1	S	-90	30	S			10:24	DICK	1	S	-45	40	P		
9:58	BOUT	1	H	25	20	S			10:24	DICK	1	S	90	35	S		
9:58	INBU	1	H	5	35	S			10:27	DICK	1	S	-60	30	S		
9:58	INBU	1	H	-45	15	S			10:29	DICK	1	S	-50	45	S		
9:58	STFL	1	H	15	30	S			10:29	DICK	2	S	35	20	P		Pair
9:58	NOM	1	H	5	40	S			10:29	DICK	1	S	+90	35	S		
9:59	TUTE	1	H	90	100	S			10:29	DICK	1	H	45	15	S		
9:59	BOUT	1	H	15	10	S			10:30	DICK	1	H	50	30	S		
9:59	BOUT	1	H	5	40	S			10:31	EAME	1	H	45	75	S		
10:01	BICO	1	S	-80	20			♀ flew in	10:31	DICK	1	H	-80	30	S		
10:01	BICO	1	H	-180	40	S			10:31	DICK	1	S	75	40	S		
10:02	NORA	1	H	-180	60	S			10:37	DICK	1	S	35	25			Pair
10:02	DICK	1	H	-45	50	S			10:37	BOUT	1	H	-45	15	S		
10:04	NORA	1	H	-10	30	S			10:37	NORA	1	S	-90	10	F		missed
10:04	FWFE	1	H	10	70	S			10:35	DICK	1	H	-80	60	S		
10:04	RBWO	1	H	90	40	S			10:35	BWHA	1	S	35	200	F		measure Hawk
10:07	DICK	1	H	-180	20	S			10:39	DICK	1	S	-90	10	P		
10:08	DICK	1	H	90	75	S			10:39	DICK	1	H	-90	25	S		
10:08	DICK	1	H	-45	60	P			10:41	DICK	1	S	-75	50	S		
10:09	NORA	1	H	10	100			♀	10:47	DICK	1	H	+90	30	S		
10:09	NORA	1	H	45	20	S			10:42	DICK	1	H	45	45	S		
10:10	DICK	1	S	25	25	S			10:43	DICK	1	S	20	10	P		
10:10	INBU	1	H	-80	25	S			10:44	EAME	1	H	30	100	S		
10:11	DICK	1	S	-35	30	P			10:46	TUVU	1	S	5	100	T		
10:11	DICK	1	S	70	15			♀ w/ juv	10:47	STFL	1	S	5	10	F		Nest near?
10:12	DICK	1	S	80	20	S			10:47	DICK	1	H	90	60	S		
10:14	DICK	1	S	85	15			Defending	10:48	DICK	1	S	5	20	P		
10:16	DICK	2	S	-35	15			Pair	10:45	DICK	1	H	-90	30	S		
10:18	DICK	4	S	90	15				10:50	DICK	1	S	-10	15	P		
10:21	DICK	1	S	45	25				10:50	DICK	1	H	-80	40	S		
10:22	DICK	1	H	-90	35	S			10:50	DICK	1	H	-80	50	S		
10:23	DICK	1	S	-5	25	S			10:51	DICK	2	S	80	10	P		Pair
10:23	DICK	1	S	-5	30	S			10:52	BICO	8	S	-50	35			Near Bison

	Camera	Min height vis obstruct (cm)	Percent cover					Dist to edge	Habitat types <180m	Notes
			Forb	Grass	Dead	Bare	Litter			
Start			25	5	0	5	0	0	Creek bed	
1/3	10:10		40	30	0	30	0	600m	Prairie	
2/3			60	15	0	75	0	600m	Prairie, recent burn	
End			10	20	20	40	10		Prairie, recent burn	



Grassland Bird Survey Datasheet

Date: 2014 / 06 / 05

Observer: JNH

Page 1

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

2414 or Eli Bridge (405) 240-2149

Loc: TGPP

Transect: D

GPS unit: OR

Start: LAT 36.7411 LON 96.39480
Time 6:55 Cloud 95% Wind 5-10

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
6:56	WBO	1	H	170	35	S			7:10	2AME	1	H	25	90	S		
6:56	WBO	1	H	190	100	S			7:19	2AME	1	H	10	50	S		
6:56	WBO	1	H	130	30	P		2 response call	7:20	2AME	1	H	-40	60	S		
6:54	WBO	1	H	140	45	S			7:21	DICK	1	H	-25	30	S		
6:54	DICK	1	H	150	25	S			7:22	2AME	1	H	70	120	S		
6:59	2AME	1	H	90	100	S			7:22	DICK	1	H	40	95	S		
7:00	2AME	1	S	25	10	F	Y		7:22	DICK	1	H	25	40	S		
7:00	DICK	1	H	90	50	S			7:22	GRSP	1	S	-20	15	F		
7:01	2AME	1	H	20	50	S			: BREAK FOR BAD THUNDER/LIGHTNING								
7:01	GRSP	1	H	90	45	S			:								
7:03	2AME	1	H	45	60	P		Rattle	:								
7:03	WBO	1	H	10	100	S			:								
7:04	2AME	1	H	30	65	S			:								
7:05	WPSA	1	H	-20	85	S		Flapping	:								
7:06	2AME	1	H	20	45	P		Rattle	:								
7:07	2AME	1	S	25	45	P	Y		:								
7:08	WPSA	1	H	-80	50	S			:								
7:09	2AME	1	H	10	65	S			:								
7:10	2AME	1	H	-10	50	S			:								
7:11	WPSA	1	S	10	25	F			:								
7:11	WBO	1	H	90	40	S			:								
7:11	DICK	1	H	-90	40	S			:								
7:12	WPSA	1	H	-20	30	F			:								
7:13	DICK	1	H	90	90	S			:								
7:13	2AME	1	S	-15	25			landed	:								
7:13	WBO	1	H	-35	95	S			:								
7:14	2AME	1	H	-15	40	S			:								
7:15	DICK	1	H	-45	55	S			:								
7:16	DICK	1	H	-80	25	S			:								
7:16	2AME	1	H	90	65	S			:								
7:17	2AME	1	H	45	75	S			:								
7:19	CLSD	1	S	25	20	F			:								
7:18	DICK	1	H	90	90	S			:								
7:18	DICK	1	H	85	50	S			:								

Start	Camera	Min height vis obstruct (cm)	Percent cover					Dist to edge	Habitat types <180m	Notes
			Forb	Grass	Dead	Bare	Litter			
1/3	1509		10	75	0	15	0	400m	Prunus	
2/3										
End										

Incoming thunderstorm on horizon. Low light - exclude - 2014 June 10-16 not found



Grassland Bird Survey Datasheet

Entered 6/21 JNH

Date: 2014/06/07

Observer: JNH

Page 1

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

Loc: GRSG

Transect: C

GPS unit: 02

2414 or Eli Bridge (405) 240-2149

Start: LAT 34.79736 LON -97.48903
Time 09:12 Cloud 20% Wind 6-10End: LAT 34.80804 LON -97.48894
Time 09:55 Cloud 25 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
9:13	GAME	1	H	-90	40	P		cattle H/S	9:34	GAME	1	H	-45	100	S		
9:13	MOBI	1	H	-90	30	P		H/S	9:35	CLSW	2	S	25	30		F	
9:13	GRSP	2	S	-90	25	P			9:35	DICK	1	H	-40	100	S		
9:13	MOBO	1	S	-90	15				9:35	DICK	1	H	-20	100			
9:13	STFL	1	H	-90	80	B			9:35	MOBO	1	H	-90	120	S		
9:14	GRSP	1	H	-180	40	S			9:35	GAME	1	H	-45	100	S		
9:14	MOBO	1	H	90	120	S			9:35	GAME	1	H	10	120	S		
9:16	GAME	1	H	45	150				9:38	GAME	1	H	55	60	B		
9:19	CLSW	2	S	45	96		F		9:38	DICK	1	H	45	95	S		
9:18	BACO	3	S	-90	30		F		9:38	DICK	1	H	55	120	S		
9:18	GAME	1	H	-80	75			cattle	9:40	ROBI	1	S	45	50	S		
9:19	MOBO	2	S	45	65				9:40	ROBI	1	S	35	45			game
9:19	GRSP	2	S	45	100			Large sparrows on nest	9:41	GAME	1	H	-55	120	S		
9:20	GAME	1	H	-90	100				9:41	GAME	1	H	10	65	S		
9:21	GRSP	1	S	40	40		L		9:42	ROBI	2	S	25	60			Large sparrows
9:21	GRSP	1	S	90	30	S			9:45	ROBI	1	H	45	30	S		
9:22	CLSW	1	S	-90	65		F		9:45	GAME	1	H	-10	40			rattle
9:22	GAME	1	S	-90	200		F		9:46	MOBO	1	H	5	50	S		
9:22	GRSP	1	H	-90	20	S			9:46	GRSP	1	H	-90	40			
9:23	CLSW	2	S	90	40		F		9:46	GAME	1	S	45	30		L	
9:24	CLSW	1	S	-45	35		L		9:49	CLSW	1	S	45	40		F	
9:24	MOBO	1	S	-40	45			Perched on nest	9:49	GAME	1	H	-25	95	S		
9:24	GAME	1	H	-45	150	S			9:49	GAME	1	H	15	45	S		
9:24	GRSP	1	H	-90	95	S			9:49	MOBO	1	H	35	100	S		
9:25	CLSW	3	S	-45	150		F		9:49	ROBI	1	S	45	25			offensive ground
9:26	GAME	1	S	-30	80		L		9:49	STFL	2	S	10	20		I	chick
9:26	DICK	1	H	25	15	S			9:50	DICK	1	H	-20	30	S		
9:27	MOBO	1	H	-45	100	S			9:50	DICK	1	H	20	50	S		
9:27	GAME	1	H	80	95	S			9:50	MOBO	1	H	-75	100	B		
9:28	MOBO	6	S	-25	80				9:51	AMRO	1	H	70	50	S		
9:28	GAME	1	H	-35	60			cattle	9:55	DICK	1	H	-90	70	S		
9:28	AMRO	1	H	-80	120	S			:								
9:29	MOBO	1	S	-90	95	S			:								
9:33	GRSP	1	H	90	50	S			:								
9:34	DICK	1	H	-90	50	S			:								

Start	Camera	Min height vis obstruct (cm)	Percent cover					Dist to edge	Habitat types <180m	Notes
			Forb	Grass	Dead	Bare	Litter			
150'			35	45	5	15	0	5	Thicket	chickadees
100'			15	75	0	5	5	200	Pasture	" "