

APPENDIX B

Grassland Assessment Baseline Transects - Data Sheets

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment

Date: 5/17/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time: 0930
End Time:

Transect #: 01 Baseline samples

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	BRHO	60	ERBO	25	CEME	7	—	—	BRMA BRDI	8
1.5m	STPU 10	40	ERBO	30	BRHO	20	—	—	VUMI CEME	10
2.10m	ERBO	50	BRHO	30	CEME	10	HYGL	5	EMSE	5
3.15m	ERBO	80	BRHO	10	CEME	5	EM	5	—	—
4.20m	BRHO	40	ERBO	50	CEME	5	BRDI	3	HYGL	2
5.25m	ERBO	70	EMSE	25	STPU 1	5	—	—	BRHO	<1
6.30m	STPU 11	30	ERBO	30	CEME	10	Lotus	5	BRHO BG	5
7.35m	BRHO	30	SATR	20	STPU 7	20	AVBA	5	HYGL EMSE	10
8.40m	BRHO	60	SATR	25	ERBO	10	BRMA	5	CEME	—
9.45m	BRHO	40	STPU 7	30	SATR	15	BRMA	10	BG	5
10.50m	BRHO	70	ERBO	15	CEME	10	STPU 3	5	BRMA Lotus	—
11.55m	BRHO	55	ERBO	15	SATR	10	STPU 4	15	MEOF CEME	5
12.60m	BRHO	55	ERBO	20	STPU 6	15	CEME	5	EMSE HYGL	5
13.65m	STPU 18	40	ERBO	25	Lotus	5	SATR	5	HYGL BG	—
14.70m	STPU 24	50	ERBO	25	BRHO	15	HYGL	15	BG	5
15.75m	ERBO	40	STPU 17	40	HASQ	10	EN/A	5	LO HYGL	5
16.80m	ERBO	55	BRHO	30	HYGL	10	STPU 2	5	CEME EMSE	—
17.85m	ERBO	40	STPU 8	40	BRHO	10	HYGL	10	BRDI E1 AVBA	5
18.90m	ERBO	65	BRHO	10	EMSE	10	STPU 3	10	HYGL	5
19.95m	STPU 13	40	ERBO	40	BRHO	10	Lotus	5	HYGL	5
20.100m	ERBO	65	EMSE	15	BRDI	5	STPU 3	10	AVBA	5

Notes:

BG - bareground

Lotus - annual lotus

photo start 523
photo end 524
representative transect 525

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/17/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time:
End Time:

Transect #: 01 Baseline Page 2 of 3

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
21.0m	ERB0	65	BRH0	15	STPU 6	10	HYGL	5	BRD1	5
22.5m	ERB0	45	STPU 7	25	EMSE	10	BRH0	15	AVBA	5
23.10m	ERB0	90	EMSE	5	HYGL	5	---	---	---	---
24.15m	BRH0	30	STPU 6	20	ERB0	40	HYGL	5	AVBA	5
25.20m	ERB0	75	BRH0	5	HYGL	15	EMSE	5	---	---
26.25m	ERB0	70	BRH0	10	HYGL	10	STPU 1	5	BRD1 EMSE	5
27.30m	ERB0	70	EMSE	10	BRD1	10	HYGL	5	AVBA	5
28.35m	ERB0	55	BRD1	20	STPU 5	10	HYGL	10	AVBA	5
29.40m	ERB0	60	STPU 7	10	EMSE	10	HYGL	10	AVBA	5
30.45m	ERB0	65	HYGL	20	STPU 6	10	BRD1	5	LOTUS AVBA	5
31.50m	STPU 9	50	BRH0	20	HYGL	15	BRD1	10	LOTUS	5
32.55m	BRD1	45	BRH0	30	ERB0	15	STPU 1	5	BRMA HYGL	5
33.60m	BRD1	50	HOMU	15	STPU 3	10	ERB0	10	BG	15
34.65m	BRH0	50	BRD1	15	HOM	15	ERB0	10	EMSE HYGL BG	10
35.70m	BRH0	75	BRD1	10	HOM	5	ERB0	10	HYGL CEME AVBA	5
36.75m	BRH0	55	HYGL	15	BRD1	10	ERSE	15	AVBA	5
37.80m	HYGL	55	ERB0	20	BRH0	10	BRD1	10	BG	5
38.85m	BRH0	60	HYGL	15	ERB0	15	BRD1	5	BG	5
39.90m	BRH0	70	BRD1	10	STPU 3	10	ERB0	25	---	---
40.95m	BRH0	50	ERB0	30	STPU 2	8	HYGL	10	AVBA	---
41.100 m	ERB0	35	BRH0	55	BRD1	5	HYGL	5	---	---

Notes:

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/17/2012

Biologists: John H. Davis IV Heather Moine Weather Conditions: Start Time: End Time:

Transect #: 01 Baseline pg 3 of 3

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
420m	BRHO	55	ERBO	25	HYGL	10	BRDI	10	—	—
435m	BRDI	55	AVBA	5	BRHO	10	—	—	BA	—
440m	BRHO	50	ERBO	35	AVBA	10	—	—	—	—
4515m	ERBO	45	EMSE	25	HYGL	10	BRHO	5	AVBA	5
4620m	ERBO	35	HYGL	30	EMSE	15	BRHO	15	—	—
4725m	ERBO	35	BRHO	55	HYGL	20	—	—	—	—
4830m	BRDI	30	HYGL	25	ERBO	25	BRHO	35	—	—
4935m	ERBO	20	BRDI	20	HYGL	15	EMSE	15	—	—
40m										
45m										
50m										
55m										
60m										
65m										
70m										
75m										
80m										
85m										
90m										
95m										
100m										

Notes:

SPECIAL
BDCUN11

DUDEK

BASALINE WILD OAT

Project:

7248 - Newport Banning Ranch

Task: Native Grassland Assessment

Date:

5/17/12

Biologists:

John H. Davis IV
Heather Moine

Weather Conditions:

Start Time: 11:41
End Time:

Transect #: 02

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	AVBA	60	LOMU	40	—	—	—	—	—	—
5 m	AVBA	50	LOMU	35	COAR	5	BRD1	5	—	—
10 m	AVBA	30	BRD1	30	LOMU	20	ERS4	10	ACGL	—
15 m	AVBA	35	ACGL	40	ATSE	15	LOMU	10	—	—
20 m	AVBA	30	DRH4	20	LOMU	20	ERDQ	15	ERSET	10
25 m	BRD1	40	ERB4	20	ERS4	20	AVBA	10	—	—
30 m	AVBA	20	BRD1	15	BRH4	40	COAR	20	ERDQ 10 RUN4 x 41	—
35 m	ERD1	10	AVBA	15	ERS4	20	BRH4	10	—	—
40 m	BRD1	25	AVBA	20	ERD1	30	ERS4	25	—	—
45 m	BRD1	20	ERDQ	35	ERS4	20	AVBA	20	—	—
50 m	BRD1	60	ERS4	15	AVBA	20	COAR	5	—	—
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

START 06:00 526
RSP 06:00 527
END 06:00 528

ACGL - deer weed

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/17/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time:
End Time:

Transect #: 03 Baseline *Hordeum & Distichlis*

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	DISP	50	CACH	30	HIIN	15	ERBO	5		
5 m	BRHO	25	HOMU	20	BRMA	10	ERBO	40		
10 m	HOMU	30	DISP	20	ERCI	15	BRHO	10	BRMA	
15 m	DISP	70	HOMU	20	BRHO	5	BRDI	5		
20 m	DISP	45	ERCI	10	HOMU	30	VUMY	10	SIIR	5
25 m	HOMU	50	FRSA	35	LENI	5	VUMY	5		
30 m	DISP	50	HOMU	30	BRDI	5	VUMY	5		
35 m	DISP	40	BRHO	10	ERBO	10	HOMU	5		
40 m	BRHO	35	STPU	35	DISP	20	ERBO	5		
45 m	HOMU	45	DISP	30	ERBO	10	HIIN	5		
50 m	HOMU	40	DISP	40	AVBA	10	HIIN	10		
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

photo start 529
Quad photo 530
photo end 531
LENI

ERCI start 531
photo 531
LENI

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/17/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time:
End Time:

Transect #: 04 Baseline page 1 of 3

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	DISP	45	BRHO	5	ERBO	10	HOMU	20	VUMY BRMA	5
1.5 m	HOMU	10	STPU 2	10	DISP	20	BRHO	30	ERCI	15
2.10 m	DISP	10	STPU 4	15	BRHO	40	ERCI	15	HOMU	5
3.15 m	STPU 16	45	DISP	15	ERCI	15	BRHO	20	BRDI	5
4.20 m	BRHO	30	HOMU	5	STPU 9	35	ERCI	20	BRDI	5
5.25 m	ERCI	30	STPU 8	15	BRHO	50	VUMY	5	—	—
6.30 m	BRHO	30	STPU 10	45	ERCI	10	VUMY	5	—	—
7.35 m	BRHO	30	STPU 12	40	DISP	5	ERCI	5	VUMY	5
8.40 m	STPU 15	50	ERCI	10	DISP	10	BRHO	25	HOMU	5
9.45 m	STPU 9	30	ERCI	20	BRHO	30	HOMU	10	VUMY	5
10.50 m	STPU 12	45	ERCI	25	BRHO	20	VUMY	5	—	—
11.55 m	BRHO	50	HOMU	5	STPU 2	5	ERCI	20	HOMU	5
12.60 m	ERBO	40	HOMU	15	BRHO	10	DISP	15	—	—
13.65 m	STPU 15	50	BRHO	20	DISP	20	HOMU	5	BRDI	5
14.70 m	STPU 12	35	DISP	15	ERBO	10	BRHO	40	—	—
15.75 m	BRDI	20	STPU 9	35	DISP	10	BRHO	35	—	—
16.80 m	STPU 9	35	ERBO	10	BRHO	41	BRDI	5	—	—
17.85 m	STPU 8	40	BRHO	30	ERBO	15	DISP	10	—	—
18.90 m	STPU 8	25	ERBO	30	DISP	25	BRHO	10	—	—
19.95 m	BRHO	40	STPU 10	25	ERBO	10	DISP	5	—	—
20.100 m	BRHO	30	STPU 9	20	ERBO	20	DISP	10	—	—

VUMY 5

BRDI 5

Notes: photo start 532
photo quad 533

DUDEK

Project: 7248 – Newport Banning Ranch Task: Native Grassland Assessment Date: 5/17/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time:
End Time:

Transect #: CA Baseline page 2 of 3

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
21.0m	STPU 8	30	DISP	10	ERBO	15	BRHO	30	BRDI	5
22.0m	STPU 13	25	DISP	10	ERBO	20	BRHO	35	—	—
23.0m	ERBO	30	STPU 4	15	DISP	15	BRHO	30	—	—
24.0m	STPU 4	15	DISP	20	HOMU	15	BRHO	15	—	—
25.0m	HOMU	50	STPU 2	5	DISP	40	BRHO	5	—	—
26.0m	DISP	40	STPU 1	5	ERBO	25	HOMU	15	BRHO	20
27.0m	DISP	45	HOMU	35	BRDI	5	BRHO	20	ERBO	15
28.0m	STPU 3	10	DISP	35	HOMU	30	BRHO	30	ERBO	15
29.0m	STPU 1	5	DISP	25	HOMU	30	BRHO	20	ERBO	10
30.0m	DISP	40	HOMU	25	ERBO	20	BRHO	10	BG	—
31.0m	DISP	30	HOMU	20	BRDI	15	BRHO	15	ERBO	15
32.0m	STPU 2	5	DISP	25	ERBO	20	BRHO	15	—	—
33.0m	DISP	20	ERBO	20	BRHO	10	VUMY	5	—	—
34.0m	DISP	35	STPU 4	10	ERBO	10	PLER	5	BRHO	10
35.0m	STPU 3	10	DISP	25	ERBO	10	PLER	25	RUCR	5
36.0m	STPU 10	30	PLER	20	HASQ	5	ERBO	15	DISP	5
37.0m	DISP	30	STPU 6	10	ERBO	10	BRHO	20	HASQ	5
38.0m	ERBO	20	STPU 1	5	DISP	10	BRHO	10	CEME	5
39.0m	ERBO	25	STPU 1	5	BRHO	20	CEME	5	—	—
40.0m	ERBO	10	STPU 1	5	DISP	5	BRHO	15	BG	—
41.0m	STPU 7	20	DISP	15	BRHO	20	ERBO	15	—	—

Notes: BG = bare ground

DUDEK

Project: 7248 – Newport Banning Ranch Task: Native Grassland Assessment

Date: 5/17/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time:
End Time:

Transect #: 04 Baseline pg 3 of 3

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
420m	STPU 3	5	DIFA	5	BRHO	20	ERBO	15	CEME	5
435m	STPU 6	25	BRHO	20	ERBO	15	CEME	10	DIFA	5
4410m	ERBO	40	STPU 3	5	BRHO	15	CEME	15	—	—
4515m	ERBO	20	BRHO	10	STPU 7	20	CEME	5	HASQ	10
4620m	STPU 4	15	HIIN	10	BRHO	30	CEME	10	—	—
4725m	HASQ	15	EMER	25	ERBO	15	BRHO	10	—	—
4830m	STPU 3	5	HASQ	20	BRHO	20	SEME	15	ERBO	20
4935m	STPU 3	5	HASQ	10	CEME	5	—	—	—	—
5040m	HASQ	40	ERBO	10	CEME	5	—	—	—	—
45 m										
50 m										
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

APPENDIX C

Grassland Assessment Transects - Data Sheets

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment

Date: 5/29/12

Biologists: John H. Davis IV Heather Moine

Weather Conditions: Start Time: 1629 End Time: 1635

Transect #: 01

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	HASQ	15							BG	85
5 m	ALPS	15	VUMI	15	DE	5			BG	70
10 m	VUMI	15	ENCA	5	EMSE	5			BG	75
15 m	VUMI	15	ENCA	10	CEME	5	CACI	30	BG	40
20 m	VUMI	5	CACI	45	ENCA	5			BG	45
25 m	VUMI	5							BG	95
30 m	VUMI	15							BG	85
35 m	CEME	5							BG	95
40 m									BG	100
45 m	OPLI	15							BG	85
50 m	VUMI	5	CEME	5					BG	90
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

photo 642 start quad
photo 643 50m
photo 644 end

UNK B - grass
DE - Delonix sp.
transect within restoration area

CACI - Calandrinia ciliata
VUMI - Vulpia microstachys

DUDEK

Project:

7248 - Newport Banning Ranch

Task: Native Grassland Assessment

Date:

5/29/2012

Biologists:

~~John H. Davis IV~~ *D. H. Cooper*
Heather Moine

Weather Conditions:

Start Time: 1550

End Time: 1610

Transect #: 62

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	AMPS	10	HEGR	10	COFI	15	BRMA	20	BG	45
5 m	COFI	30	BRMA	50	AMPS	10	BRMA	10		
10 m	SASA	10	ENCA	20	HIIN	25	AMPS	15	BRMA	40
15 m	COFI	20	HIIN	10	BRDI	10	BRMA	50	BG	10
20 m	COFI	30	Spergularia	25	DEFA	5	unknowns	5	BG	35
25 m	COFI	45	Spergularia	15					BG	40
30 m	Cortaderia	100								
35 m	ACGL	50	CEME	25	HIIN	5	BRMA	10	BG	10
40 m	CEME	60	BRMA	35	HIIN	5				
45 m	HIIN	90	ACGL	5					BG	5
50 m	HIIN	45	ACGL	55	OPLT	10	BRMA	10		
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

photo 639 start
photo 640 25 m quad
photo 641 end
Erosional Grass
Native dominated by *BRMA* & *BRMA* ^{grasses} _{technique}

DUDEK

Project:

7248 - Newport Banning Ranch

Task: Native Grassland Assessment

Date:

5/29/12

Biologists:

John H. Davis IV
Heather Moine

Dave Campbell

Weather Conditions:

Start Time: 1430

End Time: 1445

Transect #: 03

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	BRMA	70	ERBO	10	CEME	5			BG	15
5 m	HIIN	65	BRMA	50	BRHO	10				
10 m	BRMA	65	HASQ	25	BRHO	10				
15 m	BRNI	85	HIIN	15						
20 m	BRNI	100								
25 m	OPLI	60	BRNI	40						
30 m	BRNI	90	COMA	10						
35 m	OPLI	40	COMA	15	HIIN	45				
40 m	OPLI	5	HIIN	90					BG	5
45 m	HIIN	85	COMA	25						
50 m	HIIN	90	COMA	30						
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

photo 633 start
photo 634 35m quad
photo 635 end

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/29/12

Biologists: John H. Davis IV Dave Compton Weather Conditions: Start Time: 1354 End Time: 1414

Transect #: 04

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	CAED	100								
5 m	CAED	80	HASQ	10	BRMA					
10 m	BRMA	90	FNCA	5	ERBO	15				
15 m	BRMA	70	BRHO	10	CEME	5	ERBO	10		
20 m	BRMA	65	CEME	25	ERBO	10				
25 m	CEME	50	BRMA	45	BRHO	5				
30 m	BRMA	60	CEME	10	HIIN	30				
35 m	BRMA	85	HIIN	10						
40 m	STPUg	15	HIIN	35	BRMA	55				
45 m	BRHO	25	BRMA	75						
50 m	BRHO	80	BRMA	20						
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: photo 630 start More Stipa adjacent (unmapped)
photo 631 45m quad OPLI adjacent
photo 632 begin Transect gun moved slightly west to avoid metal

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/29/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time: 0840
End Time: 0910

Transect #: 05

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	ERBO	45	BRHO	45	CEME	5				
5 m	STPU 3	5	CEME	30	BRHO	20	ERBO	20		
10 m	STPU 2	15	BRHO	30	ERBO	30	CEME	30		
15 m	STPU 3	5	BRHO	30	CEME	45	ERBO	10		
20 m	STPU 2	5	BRHO	35	CEME	45	BRMA	5		
25 m	STPU 6	15	HIIN	15	ACGL	20	BRHO	30	CEME	15
30 m	BRHO	35	CEME	60	BRMA	5	HIIN	5		
35 m	BRHO	45	ERBO	45	ACGL	5				
40 m	STPU 3	10	CEME	30	BRHO	40	ACGL	10		
45 m	STPU 8	15	BRHO	40	HIIN	10	CEME	30	AMPS	15
50 m	BRHO	40	AMPS	30	HIIN	15				
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: photo 610 start
photo 611 quad
photo 612 end

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/29/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time: 0950
End Time: 1005

Transect #: 06

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	BRMA	10	HIIN	65	DIFA	10	CEME	5		
5 m	ENCA	100								
10 m	ENCA	90							BG	10
15 m	ENCA	75	HASQ		10				BG	15
20 m	ENCA	10	BRMA	15	BRN1	35	AVBA	15		
25 m	BRMA	85	CEME	10						
30 m	BRMA	40	RUCR	30					BG	30
35 m	AVBA	40	ENCA	10	ATSE	15	CEME	10	BRMA	10
40 m	BRMA	10	DIFA	15	CEME	15	ERBO	15	MECR	40
45 m	BRMA	5	MECR	65					BG	30
50 m	CEME	10	BRMA	5	MECR	25			BG	60
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: photo 615 start
photo 616 end
photo 617 quad
Transect is in ENCA scrub
ATSE Atiplex semibacata
ME - ice plant

DUDEK

Project: 7248 – Newport Banning Ranch Task: Native Grassland Assessment Date: 5/23/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time:
End Time:

Transect #: 07

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	HASQ	15	—	—	—	—	—	—	BG photos	—
5 m	—	—	—	—	—	—	—	—	BG	100
10 m	—	—	—	—	—	—	—	—	BG	100
15 m	CEME	40	HASQ	10	ERBO	25	BRHO	30	—	—
20 m	CEME	55	ERBO	25	BRHO	20	—	—	photo	—
25 m	CEME	100	ERBO	25	BRMA	30	BRHO	10	—	—
30 m	CEME	40	ENCA	15	BRMA	10	ERBO	10	—	—
35 m	HIIN	70	CEME	50	—	—	—	—	—	—
40 m	HIIN	25	ENCA	5	—	—	—	—	—	—
45 m	ENCA	100	—	—	—	—	—	—	—	—
50 m	ENCA	30	HASQ	50	CEME	5	—	—	—	—
55 m	—	—	—	—	—	—	—	—	—	—
60 m	—	—	—	—	—	—	—	—	—	—
65 m	—	—	—	—	—	—	—	—	—	—
70 m	—	—	—	—	—	—	—	—	—	—
75 m	—	—	—	—	—	—	—	—	—	—
80 m	—	—	—	—	—	—	—	—	—	—
85 m	—	—	—	—	—	—	—	—	—	—
90 m	—	—	—	—	—	—	—	—	—	—
95 m	—	—	—	—	—	—	—	—	—	—
100 m	—	—	—	—	—	—	—	—	—	—

Notes:

photo 583 start
photo 584 end
photo 585 quad

OPLI and Jovier

DUDEK

Project: 7248 - Newport Banning Ranch

Task: Native Grassland Assessment

Date: 5/23/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time:
End Time:

Transect #: 08

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	STPU (7)	25	ERBO	20	BRHO	20	BRDI	10		
5 m	BRHO	40	AVBA	35	STPU (2)	5	CEME	5		
10 m	STPU (12)	50	AVBA	30	BRHO	10	HIIN	5		
15 m	STPU (13)	60	AVBA	15	GRCA	5	BRHO	10		
20 m	BRHO	30	STPU (10)	30	AVBA	25	ERBO	10		
25 m	STPU (3)	5	BRHO	55	SATR	15	ERBO	30		
30 m	STPU (9)	25	BRHO	45	ERBO	30	—	—		
35 m	STPU (11)	70	GRCA	10	AVBA	15	BRHO	5		
40 m	BRHO	20	CEME	20	AVBA	20	ERBO	15		
45 m	AVBA	80	BRHO	15	BRMA	5	—	—		
50 m	BRHO	50	AVBA	25	ERBO	20	CEME	5		
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: photo 556 start

photo 557 location of original transect 08.

photo 558 quad

photo 559 end

moved transect 08 out of steep CSS/riparian habitat

SATR - russian thistle

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/29/2012

Biologists: John H. Davis IV Heather Moine Weather Conditions: Start Time: 0915 End Time: 0940

Transect #: 09

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	BRNI	75	ENCA	25						
5 m	BRNI	100								
10 m	BRNI	90	HIN	10						
15 m	HIN	60	BRNI	40						
20 m	BRNI	75	ENCA	25						
25 m	ENCA	90	Bromes	10						
30 m	ENCA	65							BG	35
35 m	ENCA	80							BG	20
40 m	ENCA	100								
45 m	ENCA	50	BRHO	10	BRNA	5	DIFA	5		
50 m	BRMA	30	BRBO	40	HASQ	5	HIN	5	BRHO	10
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

photo 613 start
photo 614 end

transect through head high BRNI and ENCA scrub. End point is in grassland area dominated by Bromes, ERBO, DIFA, HIN, FASA, ENCA, HASQ

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/29/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time: 0800
End Time: 0835

Transect #: 10

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	STPU 4	5	BRHO	50	BRMA	25	ERBO	15		
5 m	STPU 10	15	BRHO	25						
10 m	STPU 6	15	BRHO	25	AMPS	15	ERBO	20		
15 m	STPU 21	50	BRHO	30	BRMA	5	FRBO	10		
20 m	STPU 2	10	BRHO	55	CEME	15	BRMA	5		
25 m	BRHO	30	AMPS	45	ERBO	20				
30 m	ERBO	30	BRHO	40	CEME	5	AMPS	5		
35 m	STPU 2	10	BRHO	50	ERBO	20	BRMA	5		
40 m	STPU 1	5	BRHO	55	ANAR	10	BRMA	10		
45 m	STPU 7	50	BRHO	30	BRMA	10				
50 m	STPU 1	5	BRHO	50	AMPS	25	ERBO	10		
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: photo start 607
photo quad 608
photo end 609
transect within a STPU population
adj HUN, DIFA
AMPS - western ragweed

Project:

7248 - Newport Banning Ranch

Task: Native Grassland Assessment

Date:

MAY 23, 2012

Biologists:

John H. Davis IV
Heather Moine

Weather Conditions:

WINDY, CLOUDY
SUNNY, 60-70°F, 50-60% HUMIDITY
SLIGHT TO MOD BREEZE

Start Time:

9:40 AM

End Time:

Transect #: 11

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	BRHB	45	ERBO	35	AVBA	15	HYGL	10		
5 m	BRHB	55	ERBO	25	AVBA	20	HYGL	15		
10 m	BRHB	50	ERBO	35	AVBA	30	BRDI	5		
15 m	BRHB	55	ERBO	30	AVBA	20	HYGL	55	STIPA PUCHERA CLUB MOT	
20 m	BRHB	40	AVBA	25	ERBO	30	BRDI	10	GRANDORIELLA Adj	
25 m	BRHB	65	ERBO	20	AVBA	5	BRDI	20	GRIND INELOT, PRETTY CAT+PICAR	
30 m	BRHB	55	ERBO	25	AVBA	10	HYGL	20		
35 m	BRHB	45	ERBO	30	AVBA	20	HYGL	15		
40 m	STPU	30	ERBO	50	BRHB	10	HYGL	10		
45 m	STPU	35	ERBO	40	BRHB	10	HYGL	5		
50 m	STPU	5	ERBO	35	BRHB	20	ERSE	20		
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: PHOTO 551 (HAMMER'S CAMERA): START POINT

PHOTO 552 - 554 CAT+PICAR

END POINT

ADJUSTED TRANSECT TO WEST APPROX. 6 METERS. ROAD WAS AT ORIGINAL START POINT

MAPPED ALL AREAS WITH MOD ADT TO TRANSECT CONTAINING STIPA

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/23/2012

Biologists: John H. Davis IV Heather Moine Weather Conditions: S66 TRANSECT X Start Time: 10:40 AM End Time: 11:08 AM

Transect #: 12

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	DISP	35	BERMAR	25	ERBGO	25	HIIN	20	CAME	10
5 m	DISP	20	BERMAR	40	BRHO	20	ERBO	15	CAME	10
10 m	DISP	20	STPA	20(7)	ERBO	40	BRHO	20		
15 m	DISP	30	ERBO	65	BRHO	10	CAME	10		
20 m	DISP	10	ERBO	40	CAME	20	BROMES	35	CAME	10
25 m	BROME	70	ERBO	30						
30 m	DISP	25	ERBO	60	BROMES	20				
35 m	DISP	15	HIIN	45	BROMES	40	CARV	10		
40 m	STPA	15(7)	ERBO	60	HYGL	20	BRHO	20		
45 m	DISP	5	ERBO	60	BROMES	30	PERSET	10		
50 m	BRDI	40	ERBO	30	BRHO	30	HYGL	10		
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: photo 560 start 561 END POINT GUNN 562 END-TRANSECT 59 Cephala Snake

NEAR GUNN. STIPA PULCHRA ABUNDANT IN AREA, DISTICHLIS SPARNA TOO. HATFIELD MAPPED STIPA WHILE I WORKED THE TRANSECT

Bromes = BRHO/BROMA/BRDI

DUDEK

Project: 7248 - Newport Banning Ranch

Task: Native Grassland Assessment

Date: 5/23/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time:
End Time:

Transect #: 13

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	ERBO	85	DISP	10	—	—	—	—	—	—
5 m	DISP	50	ERBO	30	CEME	5	Brome	10	—	—
10 m	ERBO	30	DISP	30	—	—	—	—	—	—
15 m	STPU (1)	5	DISP	10	ENCA	30	Brome	15	—	—
20 m	AVBA	50	DISP	5	ENCA	25	Brome	10	—	—
25 m	ENCA	100	—	—	—	—	—	—	—	—
30 m	DISP	50	BRMA	20	BRHO	20	ERBO	10	—	—
35 m	DISP	40	BRMA	15	BRHO	30	ERBO	25	—	—
40 m	ENCA	90	BRHO	10	ERBO	5	—	—	—	—
45 m	CAPY	35	BRNI	25	AVBA	15	Brome	30	—	—
50 m	BRHO	100	HIIN	10	CAPY	10	—	—	—	—
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: photo 573 start
photo 574 quad
photo 575 end

Opuntia & GRCA adjacent

DUDEK

Project: 7248 – Newport Banning Ranch Task: Native Grassland Assessment Date: 5/23/2012

Biologists: John H. Davis IV Heather Moine Weather Conditions: Start Time: End Time:

Transect #: 14

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m										
5 m										
10 m										
15 m										
20 m										
25 m										
30 m										
35 m										
40 m										
45 m										
50 m										
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

photo 576 photo point
ENCA dominated habitat ~70% + OPLI, ISAR
not grassland habitat

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/23/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time: 11:15
End Time: 11:20

Transect #: 15

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m										
5 m										
10 m										
15 m										
20 m										
25 m										
30 m										
35 m										
40 m										
45 m										
50 m										
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: PS63 START POINT

PS64 END POINT

& NOT SURVEYED. POINTS REMAINING MAINTAINED/MONITORED - OTHER AREAS RECENTLY DISCARD
NATIVE GRASSES

AUFA/FERNA SPANNING/OCCUPIES THIS DISTURBED AREA. CARP GULLS COMMON NEAR
NOT A "GRASSLAND"

PS65 STOP/DISP ON SLOPE

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/23/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time:
End Time:

Transect #: 16

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	ERBO	15	BRHO	50	BRMA	10	HINN	5		
5 m	CEME	20	ERBO	25	BRHO	50				
10 m	STPU (4)	10	RUCR	10	BRMA	55	BRHO	10		
15 m	STPU (10)	40	ERBO	20	BRHO	10	CEME	5		
20 m	STPU (5)	10	ERBO	40	BRHO	30	CEME	10		
25 m	STPU 19	25	DISP	20	ERBO	30	BRHO	20		
30 m	STPU 3	5	DISP	30	ERBO	20	BRHO	35		
35 m	STPU 4	15	DISP	30	BRHO	50	ERBO	10		
40 m	STPU 11	40	ERBO	20	DISP	15	BRHO	25		
45 m	STPU 1	5	ERBO	35	DISP	20	BRHO	35	CEME	5
50 m	DISP	45	BRMA	20	ERBO	5	BRHO	25		
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

photo 577 start
photo 578 quad
photo 579 end

transect through STPU grassland

DUDEK

Project:

7248 - Newport Banning Ranch

Task: Native Grassland Assessment

Date:

5/23/2012

Biologists:

John H. Davis IV
Heather Moine

Weather Conditions:

Start Time:
End Time:

Transect #: 17

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	CAED	50	Bromes	20						
5 m	BRHO	15	BRMA	15	HOMU	5	ERBO	25		
10 m	HIIN	70	BRMA	30	BRHO	15	DISP	5	LENI	5
15 m	HOMU	70	BRHO	20						
20 m	HOMU	55	BRHO	20	LENI	5				
25 m	MECR	35	LENI	15	BRHO	15	HOMU	10		
30 m	HOMU	30	BEDI	30	ME	15	LENI	10		
35 m	BROI	25	HOMU	10	HIIN	10	ERGO	25		
40 m	HOMU	30	BRHO	20	BRMA	15	HASQ	10		
45 m	HASQ	60	HIIN	20	BRMA	15	FEMU	5		
50 m	HOMU	40	AVBA	15	ERBO	10	BRHO	15		
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

photo 570 start
photo 571 quad
photo 572 end

ENCA adjacent
CAED - Carobrotus edulis
RUCR - Rumex crispus
area is ruderal

MECR - Mesembryanthemum
LENI - Crystallinum
Lopidium nitidum
Swallows foraging

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/23/2012

Biologists: John H. Davis IV Heather Moine Weather Conditions: Start Time: End Time:

Transect #: 18

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m										
5 m										
10 m										
15 m										
20 m										
25 m										
30 m										
35 m										
40 m										
45 m										
50 m										
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: Transect in mixed area. CACH, ENCA, HIIN, Bromes, ACGL

photo 568 start
photo 569 end

non-grassland

CACH patch to the west

00-70% vegetated

Project: 7248 – Newport Banning Ranch Task: Native Grassland Assessment Date: 5/23/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time:
End Time:

Transect #: 19

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	DISP	20	BRHO	30	BRMA	70	CENF	40		
5 m	BRHO	30	ENCA	15	CENF	15	ERBO	20	thatch	
10 m	ENCA	15	CENF	10	ERBO	10	BRHO	10	BG	
15 m	CENF	70	BRMA	30	ERBO	5				
20 m	HIIN	10	BRMA	10	ERBO	25	CENF	10	thatch	
25 m	CENF	40	ERBO	20	BRHO	15			thatch	
30 m	ENCA	30	ERBO	10					thatch	
35 m	ENCA	20	ERBO	10					BG	
40 m	DIFA	45	ERBO	30					BG	
45 m	DIFA	35	CENF	20	ERBO	15			thatch	
50 m	DIFA	35	DISP	15	ERBO	15	HASQ	5		
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

photo 580 start
photo 581 end
photo 582 quad

DUDEK

Project: 7248 – Newport Banning Ranch Task: Native Grassland Assessment

Date: 5/23/12

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time:
End Time:

Transect #: 20

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m										
5 m										
10 m										
15 m										
20 m										
25 m										
30 m										
35 m										
40 m										
45 m										
50 m										
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: Transect is mixed area. Dominated by CEM, DIFA, HIN, bareground
photo 566 start
photo 567 end

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment

Date: 5/24/12

Biologists: John H. Davis IV Dave Compton Weather Conditions:
Heather Moine

Start Time: 1501
End Time: 1520

Transect #: 21

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	ATSU	20	BRMA	50	BRDI	10	HTIN	15	BG	5
5 m	ATSU	15	BRMA	50	ERBO	5			BG	30
10 m	BRMA	65		5	HTIN	5	ERBO	20	BG	5
15 m	ATSU	10	BRMA	35	HTIN	5	ERBO	20	BG	30
20 m	BRMA	55	HTIN	5	ERBO	15			BG	25
25 m	ERBO	30	BRMA	45	HTIN	5	MENO	10	BG	10
30 m	ATSU	10	FRSA	15	ERBO	35	BRMA	35	HTIN	5
35 m	ATSU	40	BRMA	40	HTIN	5	ERBO	10	BG	5
40 m	HTIN	15	BRMA	60	ATSU	5	ERBO	10	BG	10
45 m	HOMU	5	ATSU	5	BRMA	70	BRDI	10	BG	10
50 m	ERBO	30	BRMA	55	HOMU	5	BRDI	10		
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: photo 636 start photo 637 15m quad photo 638 end photo 639
MENO - crystalline iceplant
ATSU - Atriplex suberecta

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/29/2012

Biologists: John H. Davis IV - Dave Compton Weather Conditions: Start Time: 1318
Heather Moine End Time: 1344

Transect #: 22

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	AMP3	75	BRH0	20	POMO	5	BRMA	10		
5 m	ERB0	35	AMP3	10	HIN	5	BRMA	15		
10 m	ERB0	60	DEFA	5	BRMA	15	CEME	10		
15 m	ERSA	20	CEME	30	BRMA	30	ERB0	35		
20 m	ERB0	55	BRH0	5	HIN	10	CEME	5	BRMA	30
25 m	ERB0	40	BRMA	20	HIN	5	CEME	5		
30 m	ERB0	55	BRMA	30	CEME	5	BRH0	10		
35 m	ERB0	40	BRH0	10	BRMA	15			BG	35
40 m	ERB0	40	HIN	20	Spergularia	15	BRMA	15	BRH0	15
45 m	ERB0	45	DISP	5	Spekulavia	10	BRMA	10	BRH0	10
50 m	ERB0	40	BRMA	15	HIN	5			BG	40
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

photo 627 start
photo 628 40m quad
photo 629 end

Highly disturbed area.
Adjacent dominant spp. are
BRomes, HIN, UNK A
H4SQ,

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/29/2012

Biologists: John H. Davis IV Heather Moine Weather Conditions: Start Time: 1020 End Time: 1040

Transect #: 23

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	HIIN	75	AMPS	35	BRMA	10				
5 m	HIIN	95	HECU	10	POMO	5	AMPS	5		
10 m	HIIN	50	HECU	20	DIFA	20	CEME	5		
15 m	HIIN	55	CEME	15	DIFA	25	FRSA	5		
20 m	HIIN	90	FRSA	20						
25 m	HIIN	100								
30 m	OPLI	75	HIIN	10	MAVU	15				
35 m	RICO	50	HIIN	35	BRMA	5			BG	10
40 m	HIIN	95							BG	5
45 m	HIIN	55	AMPS	5	ERBO	5			BG	35
50 m	HIIN	85	GNCA	10	AMPS	5				
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

photo 618 start
photo 619 quad
photo 620 end
POMO Polygon monspeliensis
FRSA Frankino salina
OPLI Opuntia littoralis
MAVU Marr vulgaris
GNCA Gnaphalium poliflorum
adj areas dom by HIIN, AMP, ACGL, BAFU
RICO - Ricinus communis
HECU - Heliotropium curassavicum

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/29/2012

Biologists: John H. Davis-Welch
Heather Moine

Weather Conditions:

Start Time: 1055
End Time: 1115

Transect #: 24

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	HIIN	45	BRMA	5	CEME	5	DIFA	5		
5 m	HIIN	60	ENCA	35	BRMA	5				
10 m	BRHO	35	BRMA	10	CEME	5	DIFA	5	EG	45
15 m	BRHO	25	CEME	30	BRMA	10	ERBG	15		
20 m	BRMA	50	BRHO	10	CEME	45				
25 m	BRMA	45	CEME	45	DIFA	10				
30 m	CHCO	50	BRMA	15	BRHO	10	AMPS	10		
35 m	CHCO	45	MEIN	20	BRHO	10	AVBA	5		
40 m	DIFA	30	MECR	15	AMPS	20	BRMA	10		
45 m	CHCO	35	DIFA	25	HIIN	15	AMPS	5		
50 m	BRMA	30	HECU	35	CHCO	10				
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

photo 621 start
photo 622 quad
photo 623 end

ME - isopland
highly disturbed - HIIN, DIFA, CHCO, AMP, CEME, BRMA
CHCO - Chrysanthemum coronarium

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 5/29/2012

Biologists: John H. Davis IV
Heather Moine

Weather Conditions:

Start Time: 1120
End Time: 1135

Transect #: 25

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	HIIN	45	CAPY	20	BRMA	30				
5 m	BRMA	30	BRHO	30	EMSE	5				
10 m	STPU	5	ERBO	55	BRHO	35	ACGL	5		
15 m	STPU	35	ACGL	15	ERBO	30	BRHO	25		
20 m	ERBO	35	STPU	5	BRHO	45			BG	15
25 m	STPU	5	BRHO	80	BRMA	5	ENCA	5	ERBO	5
30 m	ENCA	50	BRMA	20	ERBO	10				
35 m	BRMA	80	AVBA	5	CEME	5	HIIN	5	DEFA	5
40 m	HIIN	50	DEFA	10	MASA	10	BRMA	35		
45 m	BRMA	30	HIIN	15	ACGL	10	BRHO	35		
50 m	BRMA	60	CEME	25	HIIN	10	BRHO	10		
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

photo 624 start
photo 625 quad
photo 626 end
MASA - Malacothrix saxatilis
CAPY - Carduus pycnocephalus

DUDEK

Project:

7248 - Newport Banning Ranch

Task: Native Grassland Assessment

Date:

6-12-20

Biologists:

John H. Davis
Heather Moine

Weather Conditions:

Start Time: 1440
End Time: 1452

Transect #:

28

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	HIIN	15	bromes	80	DEFA					
5 m	BRHO	70	HIIN	15	HIIN	40	bromes	15	ERCA	10
10 m	BASA	15	DEFA	5						
15 m	SODO	35	CAPV	20	AMPS	40	ISMIE	5		
20 m	bromes	10	HIIN	5	bromes					
25 m	ISMIE	10	RICO	20						
30 m	ISMIE	10	bromes	5						
35 m	HIIN	5								
40 m	CEME	15	DEFA	5	bromes	15			BG	95
45 m	CEME	5	bromes	10	ERBU	15			BG	60
50 m	DEFA	5	CEME	5	bromes	15			BG	70
55 m										75
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

Photos
Start 798
quad 799
end 800

0-30 not maintained
35-50 obvious maintenance
ERCA = Erigeron canadensis

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment

Date: 6-20-12

Biologists: John H. Davis IV Dave Compton Weather Conditions: Heather Moine

Start Time: 1356
End Time: 1407

Transect #: 29

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	HECU	35	BASA	20	CEME	5				
5 m	HTIN	40	brmes	45	CEME	10				
10 m	DEFA	50	HTIN	30	brmes	25	PSLU	5		
15 m	DEFA	55	HTIN	30	ISME	10	brmes	20	CEME	10
20 m	HECU	20	MECR	5	brmes	15			BG & litter	60
25 m	DEFA	40	ISME	10	brmes	35	POMO	10		
30 m	DEFA	10							ISC (rock)	90
35 m	DEFA	50	CEME	10	PSLU	5	brmes	15		
40 m	CEME	30	HTIN	35	brmes	25				
45 m	brmes	15	CEME	15	HTIN	5	DEFA	10	litter	55
50 m	DEFA	40	brmes	15	CEME	5			litter & BG	40
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

Photos Start 795
quad 796
end 797
Highly disturbed; some grass
probably mowed

PSLU = Pseudogynopodium luteo-album

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 6-20-12

Biologists: John H. Davis IV Dave Compton Weather Conditions: Start Time: 1334
Heather Moine End Time: 1346

Transect #: 30

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	STPU-3	10	ERBO	50	bromes	35	AMPS	5		
5 m	BRHO	45	HTIH	10	AMPS	10	ERBO	35		
10 m	AMPS	60	AVBA	5	bromes	30				
15 m	AMPS	10	HTIH	5	ERBO	10	bromes	15		
20 m	AMPS	5	bromes	50	AVBA	15	ERBO	15		
25 m	AMPS	35	AVBA	10	bromes	40	ERBO	10		
30 m	unk A	15	AMPS	10	bromes	35	HTIH	5	ERBO	30
35 m	unk A	35	bromes	35	HECU	25	RUCR	5		
40 m	HTIH	35	unk A	30	HECU	35	DEFA	5		
45 m	unk A	35	DEFA	15	AMPS	5	bromes	15		
50 m	HTIH	30	DEFA	35	MECR	10	RICO	40		
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: Photos Start 792 End 794 quad 793
Maintained (mowed); highly disturbed
Unknown A = Chrysanthemum coronarium CHCO

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 6-20-12

Biologists: ~~John H. Davis IV~~ Dave Crompton Weather Conditions: Start Time: 1450
Heather Moine End Time: 1501

Transect #: 32

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	TSME	10	HTIN	15	ERBO	20	brmes	20		
5 m	CEME	15	HTIN	10	brmes	35	ERBO	20		
10 m	TSME	20	CEME	10	brmes	30	ERBO	20		
15 m	DEFA	5	ERBO	55	CEME	15	TSME	5		
20 m	ERBO	25	CEME	5	brmes	20			BC	50
25 m	CEME	20	TSME	20	brmes	40	ERBO	10		
30 m	HTIN	65	ENCA	25	CEME	15	brmes	10		
35 m	HTIN	45	brmes	35	CEME	15				
40 m	CEME	20	ERBO	20	brmes	30				
45 m	CEME	15	brmes	15	ENCA	15	DEFA	5	BC	50
50 m	CEME	35	ENCA	15	brmes	30	ERBO	10		
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: Photos Start 801
quad 802
end 803

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 6-20-12

Biologists: John H. Davis & Dave Compton
Heather Moine

Start Time: 1312
End Time: 1325

Transect #: 33

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	HIIN	85	BRMA	10						
5 m	HIIN	40	ERBO	35	BRMA	40	BRHO	5		
10 m	HIIN	35	HEGR	5	CEME	10	BRHO	20	BG	30
15 m	HIIN	40	ERBO	35	CEME	10	DEFA	5		
20 m	ERBO	30	CRSE	5	BRHO	30			high % litter	
25 m	ERBO	50	BRMA	25						
30 m	HIIN	15	ERBO	40	CEME	15	branes	30		
35 m	CEME	20	ERBO	40	HIIN	10	branes	30		
40 m	ERBO	55	CEME	5	branes	35				
45 m	CEME	20	ERBO	35	branes	45				
50 m	ERBO	50	branes	40	CEME	10				
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: Photos Start 789
End 791
Grid 790
Mowed area (possibly w/in 100 ft buffer around perimeter)

DUDEK

Project:

7248 - Newport Banning Ranch

Task: Native Grassland Assessment

Date:

6-20-12

Biologists:

John H. Davis IV
Heather Moine

Weather Conditions:

Start Time: 1245
End Time: 1300

Transect #: 35

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	ERGO	30	CEME	10	BRHO	30	DEFA	10	ABG	10
5 m	DEFA	20	CEME	10	BRHO	20	STPU-1	5	ABG	45
10 m	CEME	15	DEFA	10	BRHO	20	ERBO	50		
15 m	CEME	5	DEFA	5	ENCA	5	BRHO	20	ABG	65
20 m	STPU-1	5	CEME	5	DEFA	10	ERBO	40	BRMA	35
25 m	DEFA	10	ERGO	50	CEME	10	BRMA	25		
30 m	FRSA	35	DEFA	20	CEME	5	BRMA	30		
35 m	ENCA	35	CEME	5	BRMA	25	DEFA	5	HTIN	5
40 m	ENCA	20	CEME	35	HTIN	15	BRMA	25	STPU-1	5
45 m	ENCA	25	HTIN	10	BRMA	50	CEME	5		
50 m	ENCA	50	HTIN	10	BRMA	30				
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

Photos
start
end
quad
786
788
787

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 6-12-12

Biologists: John H. Davis IV Dave Crompton Weather Conditions: Start Time: 1339 End Time: 1659
Heather Moine

Transect #: 37

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	STPU-17	65	CEME	5	ERBO	20	ANAR	5	MAVU	5
5 m	STPU-12	40	ACGL	5	ERBO	40	CEME	10	BRHO	5
10 m	CEME	30	RUCK	10	STPU-3	10	BRNT	10	BRMA	15
15 m	CEME	40	BRNT	5	BRMA	10	BRHO	10	BRDI	5
20 m	ERBO	25	CEME	10	BRHO	25	HOMU	10	BRMA	20
25 m	DEFA	5	CEME	20	ERBO	15	brmes	45	HOMU	10
30 m	CEME	15	BRHO	15	VUMP	15	BRMA	25		
35 m	CEME	25	BRHO	20	BRMA	5			BRG	50
40 m	ENCA	35	DISP	25	HOMU	10	BRMA	10	AVBA	20
45 m	STPU-2	5	DISP	10	CEME	15	brmes	40	ERBO	30
50 m	MAVU	10	ACGL	5	brmes	50	DISP	30	HIN	5
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

Photos Start - 673
representative - 674
end - 675

Project:

7248 - Newport Banning Ranch

Task: Native Grassland Assessment

Date:

6-20-12

Biologists:

John H. Davis IV
Heather Moine

Dee Campbell

Weather Conditions:

Start Time: 1515

End Time: 1528

Transect #:

38

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	AVBA	20	CRSE	20	brmes	30	ERBO	10	STPU-7	20
5 m	ATSE	15	AVBA	20	STPU-1	5	brmes	40	ERBO	20
10 m	AVBA	45	CRSE	15	CEME	5	brmes	30		
15 m	AVBA	50	brmes	25	ERBO	10				
20 m	AVBA	30	STPU-9	30	brmes	25	CRSE	10		
25 m	AVBA	40	ERBO	15	brmes	25	ANAR	15		
30 m	AVBA	25	ERBO	40	CRSE	10	brmes	20		
35 m	AVBA	65	ERBO	15	brmes	20				
40 m	AVBA	20	ERBO	20	brmes	55				
45 m	AVBA	35	ERBO	45	brmes	20				
50 m	AVBA	35	HTIN	15	ERBO	30	brmes	10	CRSE	20
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes:

Photos
start
quad
end

804
805
806

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 6-12-12

Biologists: John H. Davis IV Dave Gough Weather Conditions: Start Time: 1307 End Time: 1324

Transect #: 39

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	ENCA	75								
5 m	ENCA	85	BRMA	5	RUCL	5				
10 m	CEME	20	ENCA	10	DISP	25	BRMA	10	FOVU	5
15 m	DEFA	5	BRMA	5	BRNT	10			BG	80
20 m	CEMR	10	BRMA	20	BRNT	10	FOVU	10	BG	50
25 m	ERBO	60	STPU-2	5	DEFA	5	CEME	10	DISP	10
30 m	ENCA	15	STPU-1	5	BRHO	10	DISP	25	DEFA	5
35 m	ERBO	65	DISP	5	STPU-3	10	BRHO	5		
40 m	ANAR	10	STPU-2	5	DISP	40	CEME	30	BRHO	10
45 m	STPU-1	15	DISP	60	ERBO	25	BRDI	5		
50 m	CEME	15	ERBO	35	BRHO	15	BRMA	5		
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: photos start 670 rep restorative 671 end 672

DUDEK

Project: 7248 - Newport Banning Ranch Task: Native Grassland Assessment Date: 6-12-12

Biologists: John H. Davis IV Dave Conner Weather Conditions: Start Time: 1237 End Time: 1257

Transect #: 40

Quad #	Species #1	%	Species #2	%	Species #3	%	Species #4	%	Additional Species	%
0 m	FRSA	70	AVBA	5	BRDI	5	BRHO	5	HOMU	5
5 m	FRSA	45	MECR	5	AVBA	5	BRHO	20	HOMU	20
10 m	HOMU	75	MENO	5	LENT	5	AVBA	5	BRHO	5
15 m	MECR	20	MENO	20	HOMU	45	BRHO	15		
20 m	MENO	45	HOMU	45	BRHO	10				
25 m	RUCR	10	AVBA	45	HOMU	40	BRHO	5		
30 m	MECR	15	HOMU	35	BRHO	35			BRG	15
35 m	RUCR	20	HOMU	20	BRHO	40	DTSP	5	AVBA	10
40 m	DTSP	10	RUCR	20	BRDI	35	HOMU	10	BRHO	15
45 m	RUCR	10	MECR	10	GRDI	25	BRHO	15	HOMU	10
50 m	HOMU	60	BRHO	20	BRDI	10	DTSP	5	AVBA	5
55 m										
60 m										
65 m										
70 m										
75 m										
80 m										
85 m										
90 m										
95 m										
100 m										

Notes: photos start - 667 reg quad - 668 end - 669

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