

Plot:	d_011-herb-01 d_<5-202> <strip_type> <strip#>				Date	20220628 YYYYMMDD			
Block:	ie which strip 1				Observer(s)	Adam			
subplots	1	2	3	4	5	6	7	8	
coords	x 0 y 1	x 0 y -2	x 3 y -1	x 4 y -2	x y	x y	x y	x y	
lit	96	-	95	-	13	-	90	-	
Species	cover	height	cover	height	cover	height	cover	height	
bare	4	-	5	-	87	-	10	-	
Species	cover	height	cover	height	cover	height	cover	height	
CAR	T	1	6	6	6	9			
SATR	T	12	1	18	3	8	2		
Species	cover	height	cover	height	cover	height	cover	height	
BONU	60	27			3	27			
Species	cover	height	cover	height	cover	height	cover	height	
SPORO?		2	41		cover	height	cover	height	
Species		height	cover	height	cover	height	cover	height	
UPC4		4	2		cover	height	cover	height	
Species		height	cover	height	cover	height	cover	height	
BRTE		7	14		30		cover	height	
Species		height	cover	height	cover	height	cover	height	
KOSC					cover	height	cover	height	
NAVI					cover	height	cover	height	
Species					cover	height	cover	height	
SIAL					cover	height	cover	height	
Species					cover	height	cover	height	
					cover	height	cover	height	
Species					cover	height	cover	height	

Notes: Other species encountered

Plot:	d_012-herb-1 d_<5-202>_<strip_type>_<strip#>	Date	20220628 YYYYMMDD
Block:	ie which strip	Observer(s)	Adam

subplots	1	2	3	4	5	6	7	8
coords	x 0 y 6	x 4 y 0	x 4 y 1	x 4 y 2	x y	x y	x y	x y
Species lit	80	height	100	-	100	-	100	-
Species bare	20	-	-	-	-	-	-	-
Species BRYTE	4	19	4	19	6	20	13	29
Species SATR	2	8	1	8	3	-	-	-
Species COAR	13	7	15	14	4	6	3	21
Species KOSC	7	7	9	5	4	3	2	7
Species Sparo?	-	-	-	-	-	T	74	-
Species MESA	-	-	-	-	-	-	-	-
Species UPF_12	-	-	-	-	-	-	-	-
Species SIAL	-	-	-	-	-	-	-	-
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height

Notes:	UPF_12 - linear, alternate lvs, 1-2 mm wide stout but not woody stems that die back ala MESA caespitose, not rhizomatous

Notes:

Plot:	d_<5-202>_<strip_type>_<strip#>								Date	YYYYMMDD											
Block:	ie which strip								Observer(s)												
subplots	1		2		3		4		5		6		7		8						
coords	x	y	x	y	x	y	x	y	x	y	x	y	x	y	x	y					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height					
Notes:	Other species encountered																				

Plot:	d_<5-202>_<strip_type>_<strip#>						Date	YYYYMMDD												
Block:	ie which strip						Observer(s)													
subplots	1	2	3	4	5	6	7	8												
coords	x	y	x	y	x	y	x	y	x	y	x	y	x	y	x	y	x	y	x	y
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Notes:	Other species encountered																			

Plot:	d_<5-202>_<strip_type>_<strip#>	Date	YYYYMMDD										
Block:	ie which strip	Observer(s)											

subplots	1	2	3	4	5	6	7	8					
coords	x 0 y 1	x 1 y 1	x 3 y 2	x 4 y 0	x y	x y	x y	x y					
lit	100 -	100 -	95 -	98 -	cover height								
bare	- -	- -	5 -	2 -	cover height								
BRTE	7 25	10 20	1 12	T 15	cover height								
KOSC	1 20	3 29	1 9	T 6	cover height								
SATR	T 20	19	1 9	1 10	cover height								
ELRE	10 44	← cover height	12 32	2 24	cover height								
ATCA	40 135	70 152	T 95	—	cover height								
MESA	—	—	—	T 31	cover height								
POLA	—	—	—	—	cover height								
SECE	—	—	—	—	cover height								
SIAL	—	—	—	—	cover height								
Species	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height
Species	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height
Species	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height

Notes: Other species encountered

Plot:	d-200.Shru-12 d_<5-202>_<strip_type>_<strip#>					Date	20220628 YYYYMMDD				
Block:	ie which strip 12					Observer(s)	Adam				
subplots	1	2	3	4	5	6	7	8			
coords	x 0	y 0	x 1	y -1	x 2	y -2	x 2	y 2	x	y	x
Species	lit	98	height	cover	100	height	cover	96	height	cover	height
Species	bare	2	—	cover	—	height	cover	4	—	cover	height
Species	BRTE	8	20	11	32	8	21	8	34	cover	height
Species	KOSC	2	10	14	11	7	17	3	22	cover	height
Species	SATR	10	9	3	4	2	19	3	15	cover	height
Species	ELRE	—	height	cover	3	21	1	25	5	17	cover
Species	ATCA	—	height	cover	45	121	30	130	—	height	cover
Species	DESO	—	height	cover	height	cover	height	cover	height	cover	height
Species	SIAL	—	height	cover	height	cover	height	cover	height	cover	height
Species	SECE	—	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height

Notes: Other species encountered

Plot:	d-201-Shrub-12					Date	20220628 YYYYMMDD					
Block:	ie which strip 12					Observer(s)	Selena					
subplots	1	2	3	4	5	6	7	8				
coords	0	2	10	x2	y1	x4	y0	x	y	x	y	x
Species	lit	85	75	95	75	25	85	75	cover	height	cover	height
Species	bare	15	5	5	75	15	15	15	cover	height	cover	height
Species	KOSC	3	10	1	9	3	20	1	12	cover	height	cover
Species	SATR	16	7	3	7	6	11	7	9	cover	height	cover
Species	ELRE	5	19	8	30	—	3	16	cover	height	cover	height
Species	BRTE	—	21	36	T	20	3	26	cover	height	cover	height
Species	MESA	—	—	—	3	37	—	—	cover	height	cover	height
Species	ATLA	—	—	—	—	—	—	—	cover	height	cover	height
Species	DESO	—	—	—	—	—	—	—	cover	height	cover	height
Species	BOCU	—	—	—	—	—	—	—	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover

Notes: Other species encountered

Plot:	d175_herb_11 d_<5-202>_<strip_type>_<strip#>	Date	20220628 YYYYMMDD
Block:	ie which strip 11	Observer(s)	Adam

subplots	1	2	3	4	5	6	7	8
coords	x 0 y -2	x 1 y -2	x 2 y -2	x 3 y -2	x 4 y -2	x 5 y -2	x 6 y -2	x 7 y -2
Species	1+	100	—	100	—	100	—	100
cover	height	cover	height	cover	height	cover	height	cover
bare	cover	height	cover	height	cover	height	cover	height
BRT	7	23	9	15	4	17	9	21
cover	height	cover	height	cover	height	cover	height	cover
KOSC	3	13	8	2	10	9	3	0
cover	height	cover	height	cover	height	cover	height	cover
SATR	T	5	5	—	6	—	H	—
cover	height	cover	height	cover	height	cover	height	cover
ELRE	1	71	—	—	1	20	—	—
cover	height	cover	height	cover	height	cover	height	cover
C	—	—	34	—	—	—	—	—
cover	height	cover	height	cover	height	cover	height	cover
SIA	—	—	24	—	—	—	—	—
cover	height	cover	height	cover	height	cover	height	cover
BOG	—	—	—	3	—	—	—	—
cover	height	cover	height	cover	height	cover	height	cover
M A	—	—	—	—	—	—	—	—
cover	height	cover	height	cover	height	cover	height	cover
UP	—	—	—	—	—	—	—	—
cover	height	cover	height	cover	height	cover	height	cover
VOU	—	—	—	—	—	—	—	—
cover	height	cover	height	cover	height	cover	height	cover
DESO	—	—	—	—	—	—	—	—
cover	height	cover	height	cover	height	cover	height	cover
COAR	—	—	—	—	—	—	—	—
cover	height	cover	height	cover	height	cover	height	cover

Notes: Other species encountered

Plot:	d-174-herb-11 d_<5-202>_<strip_type>_<strip#>				Date	20220628 YYYYMMDD											
Block:	ie which strip 11				Observer(s)	Adam											
subplots	1	2	3	4	5	6	7	8									
coords	x 0 y -1	x 2 y 2	x 3 y 2	x 3 y 0	x y	x y	x y	x y									
Species	lit	106	—	92	—	85	—	80	cover	height	cover	height	cover	height	cover	height	
Species	bare	—	height	—	8	height	cover	15	height	cover	height	cover	height	cover	height	cover	height
Species	BRT	2	15	—	—	2	10	4	21	cover	height	cover	height	cover	height	cover	height
Species	KOSC	4	17	2	12	11	12	3	9	cover	height	cover	height	cover	height	cover	height
Species	SA R	2	4	4	2	height	cover	5	height	cover	height	cover	height	cover	height	cover	height
Species	E	T	37	—	—	cover	height	—	cover	height	cover	height	cover	height	cover	height	cover
Species	—	—	—	3	26	3	30	4	19	cover	height	cover	height	cover	height	cover	height
Species	BOG	—	height	cover	height	cover	height	—	cover	height	cover	height	cover	height	cover	height	cover
Species	BO u	—	height	cover	height	cover	height	—	cover	height	cover	height	cover	height	cover	height	cover
Species	NAVI	—	height	cover	height	cover	height	—	cover	height	cover	height	cover	height	cover	height	cover
Species	ML A	—	height	cover	height	cover	height	—	cover	height	cover	height	cover	height	cover	height	cover
Species	—	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	—	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Notes:	Other species encountered																

Notes: COAR Other species encountered

Not in plot gutierrezia & sorothrone
(by power lines)

Plot:	d-172-herb-11 d_<5-202>_<strip_type>_<strip#>	Date	20220628 YYYYMMDD
Block:	ie which strip	11	Observer(s) Adam

subplots	1	2	3	4	5	6	7	8
coords	0 -1	1 y-2	x 1 y 2	x 3 y -2	x	y	x	y
Species	lit	98	height	94	height	40	height	100
Species	bare	2	height	6	height	60	height	1
Species	SATR	1	height	6	height	2	height	7
Species	BOGU	17	32	14	29	2	5	12
Species	BRTT	—	—	1	22	2	18	6
Species	KOSC	—	—	—	8	height	—	—
Species	MESA	—	—	—	—	7	height	—
Species	ELRE	—	—	—	—	1	24	—
Species	NAVI	—	—	—	—	—	—	—
Species	SIAL	—	—	—	—	—	—	—
Species	BRIN	—	—	—	—	—	—	—
Species	SPORO?	—	—	—	—	—	—	—
Species	—	height	cover	height	cover	height	cover	height
Species	—	height	cover	height	cover	height	cover	height

Notes: Other species mentioned

Plot:	d_176-herb-11 d_<5-202>_<strip_type>_<strip#>	Date	20220627 YYYYMMDD
Block:	ie which strip (11)	Observer(s)	Aelman

Notes: Other species encountered

Plot:	d-177- b erb-11 d_<5-202>_<strip_type>_<strip#>				Date	20220627 YYYYMMDD			
Block:	ie which strip 11				Observer(s)	Adam			
subplots	1	2	3	4	5	6	7	8	
coords	x y	x y z	x y z	x y z	x y z	x y z	x y z	x y z	
Species	85	height	93	—	100	—	98	—	
Species	5	height	7	—	—	—	2	height	
Species	3	height	4	2	5	20	1	21	
Species	8	20	12	20	—	1	20	—	
Species	16	82	1	85	7	83	7	49	
Species	T	8	—	—	—	—	—	—	
Species	—	height	1	2	3	53	13	—	
Species	ELRE	—	—	—	4	7	T	1	
Species	BR	cover	height	cover	height	cover	height	cover	
Species	NA	—	—	—	—	—	—	—	
Species	U64	cover	height	cover	height	cover	height	cover	
Species	—	—	—	—	—	—	—	—	
Species	—	—	—	—	—	—	—	—	
Notes:	Other species encountered								

Plot:	d-178-herb-11 d_<5-202>_<strip_type>_<strip#>	Date	20220627 YYYYMMDD
Block:	ie which strip	W	Observer(s)

subplots	1	2	3	4	5	6	7	8
coords	x 2	y 2	z 2	x -1	y 4	z 2	x 4	y -2
L+	100	—	85	96	60	—	cover	height
bare	—	height	cover	15	4	—	cover	height
BRTE	4	22	8	24	4	24	—	25
E RE	14	35	—	3	34	7	22	—
KOSC	4	11	9	20	4	9	2	17
ATR	3	—	2	7	1	6	—	—
MESA	6	58	—	—	—	—	—	—
BOC	—	height	cover	height	cover	height	cover	height
SECE	—	height	cover	height	cover	height	cover	height
BRIN	—	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height

Notes:	Other species encountered

Plot:	d-179-herb-11 d_<5-202>_<strip_type>_<strip#>					Date	20220627 YYYYMMDD				
Block:	ie which strip 11					Observer(s)	Adam				
subplots	1	2	3	4	5	6	7	8	9	10	11
coords	x 0 y -1	x 0 y -2	x 0 y 0	x 2 y -1	x 0 y 0	x 2 y -1	x 0 y 0	x 2 y -1	x 0 y 0	x 2 y -1	x 0 y 0
Spesies	lit	95	height	25	height	99	height	85	height	cover	height
Spesies	bare	5	height	75	height	1	height	15	height	cover	height
Spesies	BRTE	7	20	height	cover	height	11	19	cover	height	cover
Spesies	SATR	3	13	4	11	T 9	57	10	cover	height	cover
Spesies	BOCU	20	38	cover	height	cover	height	cover	height	cover	height
Spesies	MESA	cover	height	cover	height	2	12	cover	height	cover	height
Spesies	SECE	cover	height	cover	height	cover	height	cover	height	cover	height
Spesies	ERNA	cover	height	cover	height	cover	height	cover	height	cover	height
Spesies	ELRE	cover	height	4	41	24	38	cover	height	cover	height
Spesies	KOSC	cover	height	T 7	6	cover	height	T 9	cover	height	cover
Spesies	SIAL	cover	height	cover	height	cover	height	cover	height	cover	height
Spesies	SPG4	cover	height	cover	height	cover	height	cover	height	cover	height
Spesies	NAVI	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	height

Plot:	d-163-shru-10 d_<5-202>_<strip_type>_<strip#>	Date	20220627 YYYYMMDD
Block:	ie which strip 10	Observer(s)	Adam

subplots	1	2	3	4	5	6	7	8
coords	x 0 y 0	x 1 y -2	x 3 y 1	x 4 y 0	x 5 y 0	x 6 y 0	x 7 y 0	x 8 y 0
list	50	height	cover	height	cover	height	cover	height
bare	50	height	cover	height	—	height	cover	height
R	5	18	10	20	16	24	19	height
k	2	14	5	2	12	7	7	height
SATR	5	12	5	2	10	7	9	height
BR	—	3	37	1	23	6	17	height
ROCU	cover	height	cover	height	—	cover	height	height
ECL	cover	height	cover	height	—	cover	height	height
ATCA	cover	height	cover	height	—	cover	height	height
MESA	cover	height	cover	height	—	cover	height	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height

Notes: Other species encountered

Plot:	d-164-Shrn-10 d_<5-202>_<strip_type>_<strip#>	Date YYYYMMDD
Block:	ie which strip 10	Observer(s) Adam

subplots	1	2	3	4	5	6	7	8
coords	x 0 y 1	x 1 y 2	x 2 y 3	x 3 y 1	x 4 y 1	x 5 y 1	x 6 y 1	x 7 y 1
Sp1	90 cover	45 height	95 cover	50 height	cover	height	cover	height
Sp2	10 cover	55 height	15 cover	5 height	cover	height	cover	height
Sp3	530 cover	35 height	12 cover	28 height	3 cover	11 height	cover	height
Sp4	27 cover	5 height	5 cover	5 height	4 cover	height	cover	height
Sp5	9 cover	6 height	3 cover	10 height	6 cover	7 height	cover	height
Sp6	13 cover	142 height	cover	height	cover	height	cover	height
Sp7	T cover	35 height	cover	height	cover	height	cover	height
Sp8	IA cover	height	cover	height	cover	height	cover	height
Sp9	DESO cover	height	cover	height	cover	height	cover	height
Sp10	HBE cover	height	cover	height	cover	height	cover	height
Sp11	cover	height	cover	height	cover	height	cover	height
Sp12	cover	height	cover	height	cover	height	cover	height
Sp13	cover	height	cover	height	cover	height	cover	height
Sp14	cover	height	cover	height	cover	height	cover	height

Notes:

Plot:	d-165-Shru-10 d_<5-202>_<strip_type>_<strip#>	Date	20220627 YYYYMMDD
Block:	ie which strip	10	Observer(s) Selam

subplots	1	2	3	4	5	6	7	8
coords	x 0 y -1	x 1 y -2	x 4 y 0	x 4 y -1	x y	x y	x y	x y
Species	lit	35	10	80	75			
Species	bare	65	—	90	20	25	—	
Species	ELRE	4	17	1	14	9	17	21
Species	SATR	6	17	3	15	7	8	2
Species	kosc	3	19	4	11	8	3	12
Species	A	—	T	125	—	—	—	—
Species	M SA	—	—	—	—	—	—	—
Species	BR	—	—	—	—	—	—	—
Species	CE	—	—	—	—	—	—	—
Species	SO	—	—	—	—	—	—	—
Species	SPORO?	—	—	—	—	—	—	—
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover

Notes:	Other species encountered

Plot:	d_166-Shru-10 d_<5-202>_<strip_type>_<strip#>	Date YYYYMMDD
Block:	ie which strip	Observer(s)

subplots	1	2	3	4	5	6	7	8
coords	x 2 y -1	x 2 y 1	x 3 y 1	x 4 y 2	x	x	x	y
Species	fit	95	-	65	-	70	-	100
Species	bare	3	-	35	-	30	-	-
Species	ELRE	30	34	8	31	-	621	-
Species	SATR	-	12	5	11	7	8	-
Species	SELE	-	20	-	1	13	-	-
Species	DESO	-	-	-	-	-	-	-
Species	LESC	1	7	3	15	5	10	10
Species	MESA	-	-	-	-	6	23	-
Species	BRTA	-	-	-	-	-	-	-
Species	ATLA	-	-	-	-	-	-	-
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover

Notes: Other species encountered

Plot:	d-167-Shru-10 d_<5-202>_<strip_type>_<strip#>				Date	20220627 YYYYMMDD			
Block:	ie which strip 10				Observer(s)	Adam			
subplots	1	2	3	4	5	6	7	8	
coords	x 2 y -2	x 3 2	x 4 0	x 4 y 2	x y	x y	x y	x y	
Species	11	93	100	65	98	-	-	-	
Species	cover	height	cover	height	cover	height	cover	height	
Species	bare	7	—	32	2	—	—	—	
Species	ELRE	3	21	19	25	3	33	—	
Species	SATR	7	4	8	7	T	4	—	
Species	KOSC	13	7	5	6	2	10	8	
Species	DPSO	—	—	—	—	—	—	—	
Species	MESA	—	—	165	—	20	—	—	
Species	MOSS	—	—	—	3	—	—	—	
Species	SIAL	—	—	—	—	—	—	—	
Species	BRT-E	—	—	—	—	—	—	—	
Species	—	—	—	—	—	—	—	—	
Species	—	—	—	—	—	—	—	—	
Species	—	—	—	—	—	—	—	—	
Species	—	—	—	—	—	—	—	—	

Notes: Other species encountered

Plot:	d-168-shru-16 d_<5-202>_<strip_type>_<strip#>				Date	20220627 YYYYMMDD			
Block:	ie which strip 10				Observer(s)	Adam			
subplots	1	2	3	4	5	6	7	8	
coords	x	y	x	y	x	y	x	y	
lit	95	-	95	height	98	height	100	-	
bare	5	-	5	height	2	height	-	height	
ELRE	7	31	2	height	16	3	38	height	
KROSC	10	5	cover	height	11	height	7	height	
SATR	3	7	2	height	12	1	9	height	
AT A	cover	height	cover	height	120	height	cover	height	
M SA	cover	height	cover	height	15	height	3	65	
IAL	cover	height	cover	height	cover	height	cover	height	
D SO	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	

Notes: Other species encountered

Plot:	J-169_shrub-10 d_<5-202>_<strip_type>_<strip#>					Date	20220627 YYYYMMDD								
Block:	ie which strip 16					Observer(s)	Aelamur								
subplots	1	2	3	4	5	6	7	8							
coords	x 0 y -2	x 1 y -1	x 2 y 2	x 3 y 4	x 4 y 1				y	x	y	x	y		
Species	lit	80	-	80	-	100	-	85	-	cover	height	cover	height	cover	height
Species	bare	20	-	20	-	-	-	15	-	cover	height	cover	height	cover	height
Species	SATR	7	3	7	6	17	17	9	6	cover	height	cover	height	cover	height
Species	KOSC	9	9	9	9	-	-	1	9	cover	height	cover	height	cover	height
Species	MESA	cover	height	cover	height	cover	height	cover	T	36	cover	height	cover	height	
Species	FLRE	cover	height	cover	height	cover	height	cover	5	36	cover	height	cover	height	
Species	SECE	cover	height	cover	height	cover	height	cover	T	44	cover	height	cover	height	
Species		cover	height	cover	height	cover	height	cover			cover	height	cover	height	
Species		cover	height	cover	height	cover	height	cover			cover	height	cover	height	
Species		cover	height	cover	height	cover	height	cover			cover	height	cover	height	
Species		cover	height	cover	height	cover	height	cover			cover	height	cover	height	
Species		cover	height	cover	height	cover	height	cover			cover	height	cover	height	
Species		cover	height	cover	height	cover	height	cover			cover	height	cover	height	
Species		cover	height	cover	height	cover	height	cover			cover	height	cover	height	
Species		cover	height	cover	height	cover	height	cover			cover	height	cover	height	

Notes: Other species encountered

Plot:	d-170-shru-10 d_<5-202>_<strip_type>_<strip#>				Date	20220627 YYYYMMDD											
Block:	ie which strip 10				Observer(s)	Adam											
subplots	1	2	3	4	5	6	7	8									
coords	x 1	y -1	x 2	y -1	x 3	y 1	x 3	y -1	x		x	y	x	y	x		
Species	lit	96	-	95	-	93	-	100	-	cover	height	cover	height	cover	height	cover	height
Species	bare	7	-	5	-	7	-	-	-	cover	height	cover	height	cover	height	cover	height
Species	BRTE	T	21	T	42	7	-	4	28	cover	height	cover	height	cover	height	cover	height
Species	SATR	9	17	3	11	1	14	7	cover	height	cover	height	cover	height	cover	height	
Species	ELRE	4	33	10	31	18	53	1	22	cover	height	cover	height	cover	height	cover	height
Species	KOSC	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	SECE	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	ATCA	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	CHRE	cover	height	cover	height	over	height	cover	height								
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Notes:	Other species encountered																

Plot:	d_138-herb_9 d_<5-202>_<strip_type>_<strip#>	Date	20220627 YYYYMMDD
Block:	ie which strip	9	Observer(s) Adam

Notes: Other species encountered

Plot:	d-139-herb-9 d_<5-202>_<strip_type>_<strip#>	Date	20220627 YYYYMMDD
Block:	ie which strip	Observer(s)	Adam

subplots	1	2	3	4	5	6	7	8
coords	x 0 y 2	x 1 y -2	x 1 y -1	x 4 y 0				
Species	lit	cover 100 height	cover 75 height	cover 100 height	cover 95 height	cover height	height cover	height cover
Species	bare	cover height	cover 25 height	cover height	cover 5 height	cover height	height cover	height cover
Species	BRT	cover 4 height	cover 28 height	cover 20 height	cover 19 height	cover 5 height	height cover	height cover
Species	SATR	cover 2 height	cover 5 height	cover 17 height	cover 3 height	cover 14 height	cover 5 height	cover 12 height
Species	KOSC	cover 1 height	cover 3 height	cover 7 height	cover 17 height	cover 4 height	cover 3 height	cover 14 height
Species	BOCU	cover 32 height	cover 51 height	cover height	cover height	cover height	cover height	cover height
Species	ELRE	cover height	cover 1 height	cover 26 height	cover height	cover height	cover height	cover height
Species	SFCE	cover height	cover height	cover 4 height	cover 60 height	cover height	cover height	cover height
Species	NAVI	cover height	cover height	cover height	cover height	cover height	cover height	cover height
Species		cover height	cover height	cover height	cover height	cover height	height cover	height cover
Species		cover height	cover height	cover height	cover height	cover height	height cover	height cover
Species		cover height	cover height	cover height	cover height	cover height	height cover	height cover
Species		cover height	cover height	cover height	cover height	cover height	height cover	height cover
Species		cover height	cover height	cover height	cover height	cover height	height cover	height cover

Notes: Other species encountered

Notes:

Plot:	d-141-hab-9 d_<5-202>_<strip_type>_<strip#>				Date	20220627 YYYYMMDD												
Block:	ie which strip 9				Observer(s)	Adam												
subplots	1	2	3	4	5	6	7	8										
coords	x 0 y 2	x 1 y -2	2 2	2 3	1	x	y	x	y	x	y	x	y	x	y	x	y	
Species	lit	30	height	80	—	10	—	100	—	cover	height	cover	height	cover	height	cover	height	
Species	bare	70	height	20	—	90	—	—	—	cover	height	cover	height	cover	height	cover	height	
Species	BRTE	7	15	—	1	23	4	15	—	cover	height	cover	height	cover	height	cover	height	
Species	SATR	3	12	2	17	2	6	2	16	cover	height	cover	height	cover	height	cover	height	
Species	KOSC	4	13	13	3	20	—	—	—	cover	height	cover	height	cover	height	cover	height	
Species	ELRE	6	21	2	14	1	22	—	—	cover	height	cover	height	cover	height	cover	height	
Species	UPG4	3	23	40	25	—	—	65	20	cover	height	cover	height	cover	height	cover	height	
Species	Bocu	—	—	—	—	1	25	—	—	cover	height	cover	height	cover	height	cover	height	
Species	UPFR	—	—	—	—	—	—	T	32	cover	height	cover	height	cover	height	cover	height	
Species	HEVI	—	—	—	—	—	—	—	—	cover	height	cover	height	cover	height	cover	height	
Species	SHIN	—	—	—	—	—	—	—	—	cover	height	cover	height	cover	height	cover	height	
Species	—	—	—	—	—	—	—	—	—	cover	height	cover	height	cover	height	cover	height	
Species	—	—	—	—	—	—	—	—	—	cover	height	cover	height	cover	height	cover	height	
Species	—	—	—	—	—	—	—	—	—	cover	height	cover	height	cover	height	cover	height	

Notes:

WFR Rhizomatous perennial forb

Fls: 5-merous, drooping

5-sepals fused halfway up floral - green @ time of view
5-stamens
but underdeveloped still

6-angled stem

leaves: ovaate, dark green, alternate, leafy stipules
acute, margins entire wavy

Plot:	d-142-herb-9 d_<5-202>_<strip_type>_<strip#>				Date	20220627 YYYYMMDD			
Block:	ie which strip 9				Observer(s)	Adam			
subplots	1	2	3	4	5	6	7	8	
coords	x 1 y -1	x 3 y -2	x 3 y -1	x 4 y 0	x y	x y	x y	x y	
Species	lit	80	-	95	-	95	-	100	
Species	bare	20	-	5	-	5	-	1	
Species	BRTE	2	25	-	cover	height	1	17	
Species	SATR	8	19	2	23	1	15	2	
Species	KOSC	1	8	1	20	1	11	2	
Species	BOLU	8	41	-	38	21	7	23	
Species	ELRE	5	32	13	37	1	40	-	
Species	SPORO?	-	-	-	-	12	70	-	
Species	NAVI	cover	height	cover	height	cover	height	cover	
Species	SIAL	cover	height	cover	height	cover	height	cover	
Species	UPG4	cover	height	cover	height	cover	height	cover	
Species	MESA	cover	height	cover	height	cover	height	cover	
Species		cover	height	cover	height	cover	height	cover	
Species		cover	height	cover	height	cover	height	height	

Notes:

Helianthus annuus

Notes: Other species encountered

Plot:	d-144-herb-9 d_<5-202> <strip_type> <strip#>				Date	20220627 YYYYMMDD									
Block:	ie which strip 9				Observer(s)	Adam									
subplots	1	2	3	4	5	6	7	8							
coords	x 1 7 1 y 1 3 0 3 2								x	y	x	y	x	y	
Species	lit	100	-	100	-	80	-	100	-	cover	height	cover	height	cover	height
Species	bare	cover	height	cover	height	20	height	cover	height	cover	height	cover	height	cover	height
Species	BOCU	90	25	—	—	19	23	2	29	cover	height	cover	height	cover	height
Species	MESA	—	—	23	41	—	—	—	—	cover	height	cover	height	cover	height
Species	SATR	—	—	4	30	3	17	1	7	cover	height	cover	height	cover	height
Species	ELRE	—	—	5	17	—	—	—	—	cover	height	cover	height	cover	height
Species	BRTE	—	—	2	18	2	8	—	—	cover	height	cover	height	cover	height
Species	KOSC	—	—	—	—	T	4	—	5	cover	height	cover	height	cover	height
Species	BRSE	—	—	—	—	1	10	—	—	cover	height	cover	height	cover	height
Species	STPA	—	—	—	—	—	—	—	23	cover	height	cover	height	cover	height
Species	SPORO	—	—	—	—	—	—	—	—	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height

Notes: Bromus secalinus = BRSE
Other species encountered
 Heterotheca villosa

Plot:	d_145=herb_9 d_<5-2023>_<strip_type>_<strip#>	Date	20220627 YYYYMMDD
Block:	ie which strip 1	Observer(s)	Adam

subplots	1	2	3	4	5	6	7	8
coords	2 0	3 -2	3 -1	3 y 0	x	y	x	y
Species	lit	100	height	cover	height	100	height	100
bare	cover	height	cover	height	cover	height	cover	height
BRTE	8 40	8 21	9 9	9 9	6 39	cover	height	cover
KOSC	3 9	3 21	14 1	3 9	3 13	cover	height	cover
MES	1 15	cover	height	cover	height	13 25	cover	height
SPR 0 u	cover	height	cover	height	T 13	T 1	cover	height
STR	cover	height	cover	height	6	2 9	cover	height
NA	cover	height	cover	height	7	7 27	cover	height
SP 0 0	cover	height	cover	height	cover	height	cover	height
PG4	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height

Notes: Other species encountered

Plot:	d112-herb-7 d_<5-202>_<strip_type>_<strip#>	Date	20220627 YYYYMMDD				
Block:	ie which strip	7	Observer(s)	Adam			

subplots	1	2	3	4	5	6	7	8
coords	x 2	y 1	x 3	y 2	x 4	y 2	x 4	y -1
Lit	100	-	100	-	60	-	100	-
bare	cover	- height	cover	- height	cover	- height	cover	- height
BLTE	24	27	12	42	3	21	8	46
SATR	cover	height	cover	height	cover	height	cover	height
KOSC	—	—	1	13	cover	—	cover	—
MESA	T 46	—	cover	— height	cover	— height	cover	— height
SECE	T 33	—	cover	— height	cover	— height	cover	— height
ELRE	—	—	1	11	cover	— height	cover	— height
Species	7	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height

Notes: Other species encountered

BOGR
SPOROT

Plot:	d-129 -Shm-8 d-2021- strip_type - strip#	Date YYYYMMDD 20220627
Block:	ie which strip 8	Observer(s) Adam

Notes: Other species encountered

Plot:	d-131-shru-8 d_<5-202>_<strip_type>_<strip#>	Date	20220627 YYYYMMDD
Block:	ie which strip 8	Observer(s)	Adam

subplots	1	2	3	4	5	6	7	8									
coords	0 y -2 0 y 1 x 2 y -2 x 3 1 x																
species	lit	99	—	95	—	95	—	70	—	cover	height	cover	height	cover	height	cover	height
Species	bare	—	—	5	—	5	—	30	—	cover	height	cover	height	cover	height	cover	height
Species	KOSC	17	8	4	7	20	7	11	9	cover	height	cover	height	cover	height	cover	height
Species	ELRE	9	28	16	22	—	2	13	—	cover	height	cover	height	cover	height	cover	height
Species	AT A	2	106	—	—	—	—	—	—	cover	height	cover	height	cover	height	cover	height
Species	MESA	—	—	—	—	—	—	—	—	cover	height	cover	height	cover	height	cover	height
Species	SATR	7	6	2	7	2	6	9	—	cover	height	cover	height	cover	height	cover	height
Species	MOSS	—	—	—	—	—	—	—	—	cover	height	cover	height	cover	height	cover	height
Species	BRT	—	—	—	—	—	—	—	—	cover	height	cover	height	cover	height	cover	height
Species	—	—	—	—	—	—	—	—	—	cover	height	cover	height	cover	height	cover	height
Species	—	—	—	—	—	—	—	—	—	cover	height	cover	height	cover	height	cover	height
Species	—	—	—	—	—	—	—	—	—	cover	height	cover	height	cover	height	cover	height
Species	—	—	—	—	—	—	—	—	—	cover	height	cover	height	cover	height	cover	height

Notes: Other species encountered

Notes: Other species encountered

DESO

A handwritten signature consisting of several dark, slanted strokes.

Notes:

~~branch points~~ often two leaf axils close together w/ tufts of hair @ node

SIAL

CHBE

Plot:	d-134L-Shm. 8 d_<5-202>_<strip_type>_<strip#>	Date	20220627 YYYYMMDD
Block:	ie which strip 8	Observer(s)	Adam

subplots	1	2	3	4	5	6	7	8
coords	1	y 0	x 1	y 2	3	-2	x 4	y -2
LIT	100	—	100	—	95	—	70	—
bare	—	—	cover	—	height	cover	30	—
BRT	2	20	12	19	3	28	2	24
SATR	4	11	18	7	6	14	5	25
KOSC	2	28	1	15	6	21	2	24
MESA	20	28	—	—	cover	height	cover	height
ELRE	3	18	—	4	23	3	33	—
SECE	—	height	cover	height	cover	height	61	—
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height

Notes:

DESO
Other species encountered

CHBE

Plot:	d-135-Shru-8 d_<5-202> <strip_type> <strip#>	Date	20220627 YYYYMMDD
Block:	ie which strip 8	Observer(s)	Adam

subplots	1	2	3	4	5	6	7	8
coords	x 0 y -1	x y 1	x y 2	x y 2	x y 2	x y 2	x y 2	x y 2
Species	lit	100	-	100	-	100	-	100
Species	bare	-	-	-	-	-	-	-
Species	SATR	3	17	3	25	5	18	8
Species	ELKE	10	26	-	-	3	12	-
Species	SELE	22	43	15	120	4	74	1
Species	KOSC	-	3	57	-	-	11	-
Species	MESA	-	-	23	51	-	-	-
Species	SIAL	-	-	-	1	12	-	-
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover

Notes:

Helianthus annuum
Other species uncounted

~~BOER~~ UPG-2

ATCA

Notes: Other species often hunted.

Helianthus annuus

SIAZ

UPG2

BRTF

Notes:

BRTS ERNA other species encountered

~~SECRET~~

CHBE

SIAL

Plot:	d-089_Shrub-6 d_<5-202>_<strip_type>_<strip#>	Date	20220624 YYYYMMDD
Block:	ie which strip 6	Observer(s)	J&A

subplots	1	2	3	4	5	6	7	8
coords	0	1	0	y 0	x 3	y -2	x 4	y -2
Species	lit	80	—	90	height	5	height	5
Species	bare	20	—	10	height	95	—	95
Species	SATR	5	9	12	11	10	6	12
Species	KOSC	4	10	11	10	2	9	4
Species	ELRE	+	18	1	12	T 13	1	14
Species	UPGZ	1	33	2	10	cover	height	cover
Species	ATCA	cover	height	cover	height	cover	height	cover
Species	SIAL	cover	height	cover	height	cover	height	cover
Species	COAR	cover	height	cover	height	20	6	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover

Notes:

DIESO
Chabe

MESA
SECE

Melilotus officianale

Plot:	d-090-shrub-6 d_<5-202>_<strip_type>_<strip#>	Date	20220624 YYYYMMDD
Block:	ie which strip 6	Observer(s)	J&A

subplots	1	2	3	4	5	6	7	8
coords	0 y -2 y	2 y -1 x	2 y -2 x	4 y 1 x	y	x	y	x
Species	1 + cover	65 height cover	70 height cover	95 height cover	98 height cover	cover	height	cover
Species	bare cover	35 height cover	30 height cover	5 height cover	2 height cover	cover	height	cover
Species	SATR cover	1 9 cover	2 10 height	9 height cover	12 height cover	3 13 height	cover	height
Species	KO cover	7 7 height	8 height cover	1 height cover	2 height cover	3 height cover	height	cover
Species	SLA cover	1 21 height	21 height cover	height cover	height cover	cover	height	cover
Species	ELRE cover	1 23 height	9 26 cover	1 height cover	7 23 height	cover	height	cover
Species	R cover	— height cover	2 8 height	cover	height cover	cover	height	cover
Species	SA cover	— height cover	height cover	T 7 height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height

Notes:

HEAN (*Helianthus annuus*)
UPGZ

Notes:

~~Other species encountered~~

MESA

ATCA

BRUN

WPC 7

STB
S101

STAR

COAR

Notes: ~~Other species~~ has been encountered.

~~CHBE~~
~~UPGZ~~
~~EBNA~~
~~ATLA~~

Plot:	d-093-Shru-6 d_<5-202>_<strip_type>_<strip#>	Date	20220624 YYYYMMDD
Block:	ie which strip 6	Observer(s)	58A

subplots	1	2	3	4	5	6	7	8
coords	1 v	1 2	0 x	2 z	3 0	x	y	v
Species	lit cover	90 height	85 cover	— height	100 cover	— height	95 cover	— height
Species	bare cover	10 height	15 cover	— height	— cover	— height	5 cover	— height
Species	BRT	3 cover	10 height	7 cover	18 height	9 cover	24 height	8 cover
Species	SATR	2 cover	12 height	2 cover	11 height	3 cover	12 height	1 cover
Species	KOSC	3 cover	15 height	— cover	— height	— cover	— height	— cover
Species	SECE	2 cover	25 height	— cover	— height	6 cover	63 height	— cover
Species	ELRE	— cover	— height	1 cover	13 height	— cover	— height	— cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover

Notes:

At 6A species encountered

DESO

Plot:	d-071-herb-5 d_<5-202>_<strip_type>_<strip#>	Date	20220624 YYYYMMDD
Block:	ie which strip 5	Observer(s)	J&A

subplots	1	2	3	4	5	6	7	8
coords	x 0 y 1	x 3 y -2	x 4 y 1	x 4 y 2	x y	x y	x y	x y
lit	100	-	100	-	100	-	100	-
Bare	cover	height	cover	height	cover	height	cover	height
BRTE	1 24	35	32	22	25	35	27	
NAVI	17	45	cover	height	cover	height	cover	height
UPG-2	60	26	—	—	T	13	cover	height
SPORO?	—	—	T	46	—	1	45	cover
SATR	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height

Notes: ERNA TAOF

UPG4

JK

Plot:	d_078-herb-5 d_<5-202>_<strip_type>_<strip#>	Date	20220624 YYYYMMDD
Block:	ie which strip	Observer(s)	A&J

subplots	1	2	3	4	5	6	7	8
coords	x 0 y 2	x 0 y 1	x 2 y 0	x 4 y -2	x	x	y	y
lit	60 -	100 -	100 -	80 -				
Spp	cover height							
bare	20 -	-	-	20 -				
Spp	cover height							
BRTE	20 25	51 17	19 30	17 19				
SATR	1 15	1 6	1 8	1 7	1 8			
KOSC	1 15	1 7	1 26	1 13				
SPEC	cover height	3 44	cover height					
SPORD?	cover height	30 26	cover height					
ELRE	cover height	cover height	cover height	1 13				
Species	cover height							
Species	cover height							
Species	cover height							
Species	cover height							
Species	cover height							
Species	cover height							

Notes:

Other species encountered

MESA
UPG2
NAVI

Plot:	d-079-herb-5 d_<5-202>_<strip_type>_<strip#>	Date	20220624 YYYYMMDD
Block:	ie which strip 5	Observer(s)	AJ

subplots	1	2	3	4	5	6	7	8
coords	x 3 y 2	x 3 y -2	x 3 y 1	x 4 y -2	x y	x y	x y	x y
strip	95	-	60	-	100	-	60	-
bare	5	-	40	-	-	-	40	-
BRTE	2	16	1	4	1	18	2	14
KOSC	11	11	209	7	13	8	14	
ELRE	3	12	-	height	1	16	cover	height
CIAR	2	12	1	6	1	11	2	13
SATR	1	6	T	3	T	10	1	4
SECE	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height

Notes:

~~SECE~~ encountered

DESO SPOR?

COAR

SNAL

Plot:	d_070 - herb - 5 d_<5-202>_<strip_type>_<strip#>								Date	20220624 YYYYMMDD											
Block:	ie which strip 5								Observer(s)												
subplots	1	2	3	4	5	6	7	8													
coords	x 1 y 1	x 2 y 0	x 3 y 1	x 4 y 2	x 5 y 3	x 6 y 4	x 7 y 5	x 8 y 6	x 9 y 7	x 10 y 8	x 11 y 9	x 12 y 10	x 13 y 11	x 14 y 12	x 15 y 13	x 16 y 14	x 17 y 15	x 18 y 16	x 19 y 17	x 20 y 18	
bare	—	—	10	—	—	98	—	—	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
lit	100	—	90	—	100	—	2	—	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
BRTK	11	32	7	10	35	17	8	15	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
SATR	3	9	—	1	8	1	4	—	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
KOSC	3	10	17	9	7	18	6	17	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
ELRE	1	29	—	1	15	50	12	—	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	

Notes:

D ESO
No species encountered

UPG4
CONB
NAVJ

Plot:	d_081-herb-5 d_<5-202>_<strip_type>_<strip#>				Date	2022 06 24 YYYYMMDD								
Block:	ie which strip 5				Observer(s)	J&A								
subplots	1	2	3	4	5	6	7	8						
coords	x 0 y 2	x 0 y 0	x 0 y 1	x 4 y 2	x 0 y 0	x 0 y 0	x 0 y 0	x 0 y 0	x 0 y 0	x 0 y 0	x 0 y 0	x 0 y 0	x 0 y 0	x 0 y 0
Species	lit	80 -	99 -	90 -	80 -	height	cover	height	cover	height	cover	height	cover	height
Species	bare	20 -	1 -	10 -	20 -	height	cover	height	cover	height	cover	height	cover	height
Species	BRTE	6 19	10 2	12 4	22	height	cover	height	cover	height	cover	height	cover	height
Species	SATR	2 16	1 7	2 9	16	height	cover	height	cover	height	cover	height	cover	height
Species	KOSC	1 18	5 10	15	13	height	cover	height	cover	height	cover	height	cover	height
Species	ELRE	26 20	65 27	6 31	23	height	cover	height	cover	height	cover	height	cover	height
Species	COAR	4 9	—	—	—	height	cover	height	cover	height	cover	height	cover	height
Species	UPG4	—	10 10	1 15	—	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	height

Notes:

NAVI
other species encountered

UPG2

MESA

Asteraceae sp? cf Aster genus
(same as on 6/23)

Plot:	d-082-herb-5 d_<5-202>_<strip_type>_<strip#>								Date	2022 06 24 YYYYMMDD							
Block:	ie which strip 5								Observer(s)	J&A							
subplots	1	2	3	4	5	6	7	8									
coords	x y	-2 2	2 -1	4 0	x 4 y 1	x y	x y	x y	x y	x y	x y	x y	x y	x y	x y	x y	
Species	Kit	90	-	100	-	95	-	100	-	cover	height	cover	height	cover	height	cover	height
Species	bare	10	-	cover	-	5	-	cover	-	height	cover	height	cover	height	cover	height	height
Species	BKTE	9	21	31	22	26	18	41	30	cover	height	cover	height	cover	height	cover	height
Species	SATR	2	9	1	18	3	13	1	17	cover	height	cover	height	cover	height	cover	height
Species	KOSC	1	8	3	25	4	13	14	25	cover	height	cover	height	cover	height	cover	height
Species	ELKE	4	29	—	—	—	6	23	—	cover	height	cover	height	cover	height	cover	height
Species	UPG4	—	—	—	—	1	16	—	—	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height

Notes:

Other species encountered

ERIANTHUM ARVENSE

UPG2 MESA

SPORO? ~~wheat~~ other plots w/ "wheat" are SELE

NAVI Secale cereale

SAL

Plot:	d-083-herb-5				Date	20220624								
Block:	ie which strip 5				Observer(s)	J&A								
subplots	1	2	3	4	5	6	7	8						
coords	x 0	y 0	x 1	y 1	x 3	y 0	x 4	y 1	x	y	x	y	x	y
lit	30	-	95	-	30	-	50	-	cover	height	cover	height	cover	height
bare	70	-	5	-	70	-	50	-	cover	height	cover	height	cover	height
KOSC	21	10	10	12	8	13	18	11	cover	height	cover	height	cover	height
BRTE	1	15	1	11	T	6	—	—	cover	height	cover	height	cover	height
SATR	2	15	3	6	5	11	2	4	—	—	—	—	—	—
UPG2	T	39	—	—	—	—	—	—	cover	height	cover	height	cover	height
MESA	—	—	1	48	—	—	—	—	cover	height	cover	height	cover	height
ELRE	—	—	—	—	1	13	1	20	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Notes:	D650 species encountered													

D650 species encountered

UPG4

NAVI

ELYELY

Plot:	d-08-1-herb-5 d_<5-202>_<strip_type>_<strip#>						Date	20220624 YYYYMMDD						
Block:	ie which strip 5						Observer(s)	ALJ						
subplots	1	2	3	4	5	6	7	8						
coords	x 0 y 0	x 1 y 1	x 3 y 1	x 4 y 1										
lit	99	-	98	-	98	-	90							
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
bare	1	-	2	-	2	-	10	-	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
BRT	11	22	14	18	9	19	9	23						
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
KOSC	8	10	15	9	10	12	3	10						
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
SATR	T	7	T	4	1	7	6	7						
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
NAVI	T	38												
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
COAR	T	6	1	11	-	4	7							
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Notes:	ELRE Wheat SIAL MESA													

not in plot
Stephanomeria paniciflora

Plot:	d-114-hrb-7				Date	2022 06 24									
Block:	ie which strip 7				Observer(s)	58A									
subplots	1	2	3	4	5	6	7	8							
coords	x 0 y 1	x 1 y 0	x 2 y 1	x 2 y 2	x y	x y	x y	x y							
Species	lit	30	-	80	-	100	-	100	-	cover	height	cover	height	cover	height
Species	bare	30	-	20	-	-	-	-	-	cover	height	cover	height	cover	height
Species	SRTE	10	15	4	11	5	16	5	16	cover	height	cover	height	cover	height
Species	SATR	5	8	10	7	5	7	8	6	cover	height	cover	height	cover	height
Species	KOSC	1	7	2	7	13	7	7	4	cover	height	cover	height	cover	height
Species	MESA	2	6	-	-	3	-	16	-	cover	height	cover	height	cover	height
Species	ELRE	-	-	2	19	-	-	-	-	cover	height	cover	height	cover	height
Species	SIAL	-	-	13	-	-	-	-	-	cover	height	cover	height	cover	height
Species	NAVI	-	-	-	-	31	-	-	-	cover	height	cover	height	cover	height
Species	BOGU	-	-	-	-	18	-	-	-	cover	height	cover	height	cover	height
Species	UPG4	-	-	-	-	12	-	-	-	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height

Notes:

Other species encountered

BOGR

Plot:	d-115-herb-7 d_<5-202>_<strip_type>_<strip#>	Date	20220624 YYYYMMDD
Block:	ie which strip 7	Observer(s)	J&A

subplots	1	2	3	4	5	6	7	8
coords	x 0 y 0	x 1 0	x 1 y -1	x 2 y -1	x y	x y	x y	x y
Lit	100 -	97 -	100 -	100 -	-	-	-	-
Bare	- -	3 -	- -	- -	-	-	-	-
BRTE	4 12	10 18	3 12	6 16	-	-	-	-
SATR	3 16	1 9	-	10	-	-	-	-
KOSC	3 12	14 9	26 8	17 7	-	-	-	-
MESA	5 13	-	-	-	-	-	-	-
SECE	1 26	1 38	1 49	1 17	-	-	-	-
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height

Notes:

Other species encountered

BOGR
NAVI

BOCU

Notes:

POLY interspecifics encountered

Plot:	d-117-herb-7 d_<5-202>_<strip_type>_<strip#>	Date	20220624 YYYYMMDD
Block:	ie which strip 7	Observer(s)	JLA

Notes:

MESA

Plot:	d118-herb-7 d_<5-202>_<strip_type>_<strip#>	Date	20220624 YYYYMMDD
Block:	ie which strip 7	Observer(s)	J&A

subplots	1	2	3	4	5	6	7	8
coords	x 0 y 1 x 2 y -2 x 3 y 2 x 4 y -2 x 5 y 1 x 6 y 2 x 7 y 1 x 8 y 0							
Lit	98	-	85	-	(00)	-	100	-
Sites	cover	height	cover	height	cover	height	cover	height
Bare	2	-	15	-	1	-	1	-
Sites	cover	height	cover	height	cover	height	cover	height
BRTE	T 8	1	19	T 6	1	20		
SATR	2 14	T 9	2 18	T 6				
GOAR	3 9	1	5 17	3 6				
NAVI	32 52							
KOSC	—	—	T 4	1	9	T 6		
MESA	—	—	25 27	23 31	11	28		
ELRE	—	—	—	26	—			
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height

Notes: SPOR? species encountered

BOLU

SECE

UPG-Y

BOGR

Plot:	d_119 - herb - 7 d_<5-202>_<strip_type>_<strip#>	Date	20220624 YYYYMMDD				
Block:	ie which strip 7		Observer(s)				

subplots	1	2	3	4	5	6	7	8
coords	x 2 y -2	x 2 y -1	x 3 y 0	x 4 y -1	x y	x y	x y	x y
Species	99	-	60	-	99	-	98	-
bare	cover	height	cover	height	cover	height	cover	height
SRTE	2	24	3	36	2	21	1	
SATR	3	14	3	20	over	height	10	
KOSR	7	6	4	20	cover	height	cover	height
UPG2	28	30	3	34	cover	height	cover	height
SPORO?	—	5	5	—	cover	height	cover	height
NAVI	cover	height	cover	height	cover	height	cover	height
Species	75	33	62	50	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height

Notes: Other species encountered

UPG2 = *Bouteloua curtipendula*
 ANSA
 BRIN
 ELRE

TRDU

UPG4

Notes:

~~ATCA~~ SIAL

Plot:	d-059-Shrub-9 d_<5-202>_<strip_type>_<strip#>	Date	20220623 YYYYMMDD
Block:	ie which strip 4	Observer(s)	J&A

subplots	1	2	3	4	5	6	7	8
coords	x y -1	x y -2	x y 0	x y 2	x y	x y	x y	x y
Litter	90 -	100 -	100 -	100 -				
bare	10 -	-	-	-				
SATR	10 16	1 21	1 19	1 9				
BRTE	6 25	2 19	2 19	2 12				
ELRE	T 15	15 26						
ATCA	— height	50 114	2 114	— height				
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height

Notes:

MESA SIAL

Notes:

NAVI

BRIN

SPBRO?

Plot:	d_044-herb-3 d_<5-202>_<strip_type>_<strip#>					Date	20220623 YYYYMMDD				
Block:	ie which strip 3					Observer(s)	J&A				
subplots	1	2	3	4	5	6	7	8			
coords	x 0 y 2	x 1 y 1	x 2 y 1	x 3 -2	x	x	y	x	y	x	v
litter	99	-	99	-	100	-	90	-	cover	height	height
bare	1	-	1	-	10	-	cover	height	cover	height	cover
KOSC	1	11	5	-	2	-	cover	height	cover	height	cover
BRTE	50	23	20	23	35	23	1	16	cover	height	cover
SATR	3	14	T	12	T	10	1	16	cover	height	cover
COAR	6	9	1	7	4	8	2	8	cover	height	cover
DESD	-	4	44	-	cover	height	cover	height	cover	height	cover
SPORO?	-	30	17	-	cover	height	cover	height	cover	height	cover
ELRE	-	height	cover	height	cover	height	19	30	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	height

Notes:

MESA
only one encountered

POLA
NAVI

Not in the plot
Agropyron cristatum
Elymus elymoides
Eriogonum canescens
Eriogonum nudum

Plot:	d-045_4x6b-3 d_<5-202>_<strip_type>_<strip#>				Date	20220623 YYYYMMDD										
Block:	ie which strip 3				Observer(s)	J&A										
subplots	1	2	3	4	5	6	7	8								
coords	0	-1	2	2	3	1	3	2	x	y	x	y	x	y	x	y
Species	100	-	80	-	60	-	100	-	cover	height	cover	height	cover	height	cover	height
Species	-	-	20	-	20	-	-	-	cover	height	cover	height	cover	height	cover	height
Species	15	10	5	12	6	9	-	-	cover	height	cover	height	cover	height	cover	height
Species	10	19	1	7	5	23	30	30	cover	height	cover	height	cover	height	cover	height
Species	5	19	-	-	-	-	-	-	cover	height	cover	height	cover	height	cover	height
Species	-	-	5	49	-	-	-	-	cover	height	cover	height	cover	height	cover	height
Species	-	-	2	6	T	10	2	12	cover	height	cover	height	cover	height	cover	height
Species	-	-	T	35	-	-	-	-	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height

Notes: Co.AR = *Convolvulus arvensis*

MESA SPRO?

UPG-4

TAOF

DRIN

Plot:	d-046-herb-3 d_<5-202>_<strip_type>_<strip#>					Date	20220623 YYYYMMDD								
Block:	ie which strip 3					Observer(s)	J&A								
subplots	1	2	3	4	5	6	7	8							
coords	x 0 v 1 x 1 y -1 x 2 v 1 x 3 y 1 x 4 y -1 x 5 y 1 x 6 y -1 x 7 y 1 x 8 y -1														
litter	100	—	100	—	100	—	100	—	cover	height	cover	height	cover	height	cover
bare	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
KOSE	10	17	17	10	4	9	10	17	cover	height	cover	height	cover	height	cover
BKTE	7	19	10	16	62	15	7	21	cover	height	cover	height	cover	height	cover
SAR	1	8	—	cover	height	cover	height	cover	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover

Notes:

DESO Sporo?

MESA upg2

Helianthus annuus

ELRE

NAVI

Plot:	el <5_20> _strip_type_ <strip#>	Date YYYYMMDD
Block:	ie which strip 3	Observer(s) E J & A

Notes:

CREP? - cf Crepis sp.

MESA
EL RE

NAVI

Plot:	d-047-herb-3 d_<5-202>_<strip_type>_<strip#>				Date	20220623 YYYYMMDD												
Block:	ie which strip 3				Observer(s)	JSA												
subplots	1	2	3	4	5	6	7	8										
coords	x 1	y 1	x 1	y 1	x 3	y 1	x 4	y 1	x	y	x	y	x	y	x	y	x	y
litter	100	-	97	-	95	-	100	-										
bare	-	-	3	-	5	-	-	-										
KOSC	12	10	8	11	7	9	11	10										
ELRE	12	20	—	—	—	—	3	25										
UPGZ	—	—	17	—	—	—	—	—										
BLTE	—	—	6	14	35	25	6	35										
UPG4	—	T	14	—	—	—	—	—										
SATR	—	T	—	T	T	8	T	7										
NAVI	—	—	—	—	—	—	T	65										
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height

Notes:

Other species encountered

MESA
TAOF

(Antennaria sp. not in the plot) Artemisia arbuscula and pordium
Prickly poppy

Plot:	d048-herb-3 d_<5-202>_<strip_type>_<strip#>				Date	20220623 YYYYMMDD			
Block:	ie which strip 3				Observer(s)	J&A			
subplots	1	2	3	4	5	6	7	8	
coords	x 0 y 2	x 2 y 2	x 2 y -1	x 4 y 0	x y	x y	x y	x y	
litter	89	85	-	90 +	99 =				
bare	10 -	15 -	10 -	1 -					
Koski	3 14	2 5	T 6	T 8					
SATR	2 9	10 14	7 14	6 14					
ELRE	4 29	-	T 13	5 25					
BRTE	T 14	1 17	1 21	7 19					
POLA	5 16	-	-	-					
MOSSTURD	1 10	-	-	-					
NAVI	-	3 34	-	-					
BRIN	cover height	cover height	cover height	cover height					
	6 25	-	-	-					
Species	cover height	cover height	cover height	cover height					
Species	cover height	cover height	cover height	cover height					
Species	cover height	cover height	cover height	cover height					
Species	cover height	cover height	cover height	cover height					

Notes: Other species encountered

crepis? is ~~Seczeneria~~ PodoSpermum
lociniata

BRIN = Bromus inermis UPG2

MESA TAOF

DESO

Plot:	d_049_herb-3 d_<5-202>_<strip_type>_<strip#>				Date	20220623 YYYYMMDD			
Block:	ie which strip 3				Observer(s)	J&A			
subplots	1	2	3	4	5	6	7	8	
coords	x 2 y -2	x 3 y 1	x 3 y 2	x 0 -1	x y	x y	x y	x y	
Litter	99	-	95	-	95	-	90	-	
Bare	1	-	5	-	5	-	10	-	
KOSC	20	3	2	8	7	8	7	7	
BRTE	7	35	5	19	9	15	2	13	
MESA	1	15	—	—	—	—	—	—	
NAVI	—	height	32	54	—	height	—	height	
SATR	—	height	15	11	T	5	—	height	
ELRE	—	height	—	—	8	19	—	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	

Notes: Other species encountered

DESO
NAVI
UPG4
UPG2
SATL

SPORO?

Plot:	d-024-Shru-2 d_<5-202>_<strip_type>_<strip#>				Date	20220623 YYYYMMDD			
Block:	ie which strip 2				Observer(s)	JSA			
subplots	1	2	3	4	5	6	7	8	
coords	x 1 y 2	x 1 y -1	x 1 y 1	x 2 y -1	x 3 y -2	x 3 y -1	x 4 y -2	x 4 y 1	
Litter	100 -	95 -	99 -	100 -	99 -	90 -	90 -	95 -	
Bare	—	5 -	1 -	—	1 -	10 -	10 -	5 -	
SATR	T 10	T 6	—	T 9	4 12	3 11	5 13	1 8	
BRTE	10 31	7 15	—	10 21	10 3	17 1	13 10	19	
ELRE	8 29	10 18	—	3 17	2 16	3 16	1 25	10	
ATCA	60 160	—	95 160	15 150	—	—	—	—	
KOOG	—	T 2	—	—	T 2	2 12	—	—	
SIAL	—	—	—	—	T 9	2 17	T 4	—	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	

Notes:

MESA
Other species encountered

BOGR VPG-2

SPORO?

Plot:	J-022-Shru-2 d_<5-202>_<strip_type>_<strip#>								Date	20220623 YYYYMMDD							
Block:	ie which strip Z								Observer(s)	J&A							
subplots	1	2	3	4	5	6	7	8									
coords	x 1 y 2	x 1 y 2	x 1 y 0	x 2 y 2	x 4 y 1	x 4 y 2	x 4 y 1	x 4 y 0									
Litter	90	-	40	-	70	-	5	-	10	-	85	-	99	-	1	-	
Sites	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height	
bare	10	-	60	-	30	-	95	-	90	-	15	-	1	-	99	-	
SATR	T 6	10	8	4	11	3	7	30	14	45	9	50	7	11	8		
ELRE	30	30	T	28	3	19	—	—	—	15	—	3	17	—	—	height	
BAGR	cover height	5	25	—	—	—	—	—	—	—	—	—	—	—	—	height	
SIAL	cover height	2	10	—	—	3	6	—	—	T	1	—	2	25	—	height	
KOSC	cover height	1	6	1	12	6	12	2	10	T	3	T	5	—	—	height	
CHBE	cover height	—	—	—	—	T	1	—	—	—	—	—	—	—	—	height	
BRTE	cover height	—	—	—	—	—	—	—	—	—	—	T	34	—	—	height	
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	

Notes:

Other species encountered

~~Bouteloua sp.~~

Bouteloua gracile

Lactuca serriola

MESA

ATLA

Plot:	d-023-Shrub-2 8<5-202><strip_type><strip#>				Date	20220623 YYYYMMDD								
Block:	ie which strip				Observer(s)	JSA								
subplots	1	2	3	4	5	6	7	8						
coords	x 0 y -1	x 1 y 1	x 1 y -1	x 2 y 1	x 2 y -1	x 3 y -2	x 3 y 1	x 4 y -1						
Lit	90	-	60	-	90	-	85	-	98	-	90	-	98	-
Bare	10	-	20	-	10	-	15	-	2	-	10	-	2	-
SATR	6	14	8	8	14	10	17	15	17	6	15	20	27	24
BRTE	3	17	3	13	1	5	1	4	1	2	—	1	10	—
KOSC	T	6	—	—	cover	height	cover	height	cover	height	cover	height	cover	height
BOGR	18	12	—	2	24	—	cover	height	cover	height	—	—	cover	height
MESA	—	—	T	3	—	—	—	—	—	—	—	—	—	—
SIAL	—	—	T	6	—	—	2	22	—	—	6	8	—	2
SPORO?	—	—	—	4	34	—	—	—	—	—	T	10	10	28
CHBE	—	—	—	—	T	2	—	—	—	—	—	—	—	—
ELRE	—	—	—	—	—	—	3	20	10	25	—	—	—	—
TRDU	—	—	—	—	—	—	—	—	—	—	—	—	3	13
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height

Notes:

TRDU / UFG4 | *Tribulus terrestris*

Sporobolus heterolepis = SPORO?

Asteraceae Sp - perennial, small heads
(cf Aster genus)

Plot:	d-021-shru-2 d <5-202> <strip_type> <strip#>	Date	20220623 YYYYMMDD
Block:	ie which strip	2	Observer(s)
subplots	1	2	3
coords	x 0 y -1	x 1 y -2	x 2 y -2
Litter	100 - 80 - 80 - 70 - 100 - 20 - 60 - 99 -	height	height cover height
Bare	— 20 - 20 - 30 - —	height cover height	78 - 40 - 1 -
ATCA	90 105 —	height cover height	—
SATR	T 6 6 11 7 10 8 11 8 8 9 6 5 14	height cover height	height cover height
MESA	3 32 —	height cover height	25 32 —
BRTE	2 27 —	height cover height	—
ELRE	3 37 3 18 3 24 10 10 2 14 5 20 1 16 4 15	height cover height	height cover height
KOSC	— 2 12 7 10 2 11 1 16 T 5 T 7 3 T	height cover height	height cover height
MOSSTURD	cover —	height cover height	—
DESO	cover —	height cover height	—
Species	cover height	cover height	cover height
Species	cover height	cover height	cover height
Species	cover height	cover height	cover height
Species	cover height	cover height	cover height

Notes:

Other species present

UPG5
Sisymbrium altissimum
 glabrous annual like ELRE
 but very rolled leaf
 bunchgrass form instead of rhizomatous
 softer, whispyer form

maybe it is just ELRE

Plot:	d-020-Shru-2 d_<5-202>_<strip_type>_<strip#>	Date YYYYMMDD	20220623	
Block:	ie which strip Z	Observer(s)	A & J	

subplots	1	2	3	4	5	6	7	8
coords	0 -2 0 -1 0 1 0 2 1 0 3 0 4 0 4 -2	x y x y x y x y x y x y x y x y						
Litter	100 — 100 — 99 100 — 100 — 100 — 95 — 99 — 100 —	cover height						
SATR	3 12 4 6 3 10 3 12 1 9 1 5 3 6 2 9	cover height						
KOSC	5 14 1 8 8 21 10 14 9 10 1 8 2 11 5 12	cover height						
BRTE	87 19 10 21 5 14 10 14 8 12 3 19 8 19 30 20	cover height						
MESA	3 21 — 2 18 — — — — — — — — — —	cover height						
ELRE	T 19 1 15 1 17 — T 15 10 29 5 20 2 15	cover height						
ATLA	18 105 — — — — — — — — — — — — — —	cover height						
BARE	— — — — — — — — — — — — — — — —	cover height						
Species	cover height							
Species	cover height							
Species	cover height							
Species	cover height							
Species	cover height							

Notes:

Other species encountered

Plot:	d019 d019-Strip-2 d_<5-202>_<strip_type>_<strip#>	Date	20220823 YYYYMMDD
Block:	ie which strip 2	Observer(s)	J&A Diamond 17

Notes: Other species encountered

Plot:	d-018-shrub-2 d_<5-202>_<strip_type>_<strip#>	Date	20220623 YYYYMMDD
Block:	ie which strip	Shrub	Observer(s) A&J

Notes: Other species encountered

Plot:	d_053_shru-4 d_<5-202>_<strip_type>_<strip#>				Date	20220623 YYYYMMDD			
Block:	ie which strip 4				Observer(s)	A&J			
subplots	1	2	3	4	5	6	7	8	
coords	3 1	x 4	2 x 4 v -2	x 4 y 0	x	y	x	y	
Soi Lit	75	-	30	-	90	-	95	-	
Sp Bone	25	-	70	-	10	-	5	-	
SATR	3 6	1 5	3 6	T 7					
KOSC	10 14	3 15	4 12	3 9					
BLTE	T 17	5 17	3 17	7 13					
ELRE	4 20	1 15	—	6 29					
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	

Notes: ATCA Other species encountered

SIAL
DESO

LASE (*Lactuca serriola*)

MESA

Plot:	d-54-Shm-4 d_<5-202>_<strip_type>_<strip#>	Date	20220623 YYYYMMDD	
Block:	ie which strip	4	Observer(s)	A&J

Notes: ~~Other species~~ encountered

~~MESA
ATLA
BRT~~

Plot:	d-055-Strd-4 d <5-202> <strip_type> <strip#>				Date	20220623 YYYYMMDD									
Block:	ie which strip 4				Observer(s)	Adam & Jacob									
subplots	1	2	3	4	5	6	7	8							
coords	x 1 y 0	x 3 y 2	x 4 y 2	x 4 y 2	x	x	y	x	x	y	x	y	x	y	x
Lit	90	-	60	-	30	-	30	-	cover	height	cover	height	cover	height	cover
Bare	10	-	40	-	70	-	70	-	cover	height	cover	height	cover	height	cover
SATR	18	11	4	8	2	11	6	15	cover	height	cover	height	cover	height	cover
KOSC	+	4	4	16	8	13	9	18	cover	height	cover	height	cover	height	cover
ELRE	4	12	6	14	5	19	3	23	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover

Notes:

Organisms encountered

DESO

MEDA

ATCA

BRTE

CHBE

SPORO?

Plot:	d-056-shru-4 d <5-202> <strip_type> <strip#>				Date	20220623 YYYYMMDD								
Block:	ie which strip				Observer(s)	J&A								
subplots	1	2	3	4	5	6	7	8						
coords	1 y 2 x 2 0 z v -2 z 2 y 1 x													
Species	bit	90	-	99	-	98	-	95	-	cover	height	cover	height	cover
Species	bare	10	-	1	-	—	-	5	-	cover	height	cover	height	cover
Species	BRT	22	21	26	23	29	19	—	—	cover	height	cover	height	cover
Species	SATR	5	12	1	10	3	12	1	10	cover	height	cover	height	cover
Species	KOSC	5	23	5	17	2	15	4	15	cover	height	cover	height	cover
Species	ELRE	—	—	5	7	—	10	21	—	cover	height	cover	height	cover
Species	MOSSTURD	—	—	—	—	2	—	—	—	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species		cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover

Notes:

CHBE
Other species encountered

MESA

SIAL

DESO

(Sphaerulcia not in plot)

Plot:	d_008_h-1 d_<5-202>_<strip_type>_<strip#>	Date	20220622 YYYYMMDD											
Block:	ie which strip	1	Observer(s)	AJ										
subplots	1	2	3	4	5	6	7	8						
coords	0 0 1 3 1 4 1 5 0 3 2 3 3 4 5													
Litter	99 - 95 - 90 - 95 - 100 - 100 - 100 - 100	cover height	cover height	cover height	cover height	cover height	cover height	cover height						
Bare	1 - 5 - 10 - 5 - 10 - 10 - 10 - 10	cover height	cover height	cover height	cover height	cover height	cover height	cover height						
ELRE	3 31 3 34 4 26 2 10 5 30 10 32	cover height	cover height	cover height	cover height	cover height	cover height	cover height						
TACF	40 8 - - - 1 7 - - -	cover height	cover height	cover height	cover height	cover height	cover height	cover height						
SATR	# 29 5 14 15 18 2 11 10 27 6 17 3 10 3 12	cover height	cover height	cover height	cover height	cover height	cover height	cover height						
KOSC	T 7 20 25 T 10 - - -	cover height	cover height	cover height	cover height	cover height	cover height	cover height						
BRTE	1 13 2 21 8 29 4 22 6 21 3 23 7 39	cover height	cover height	cover height	cover height	cover height	cover height	cover height						
UAFI	- - - - T 6 - - - -	cover height	cover height	cover height	cover height	cover height	cover height	cover height						
NANI	- - - - - - - - - -	cover height	cover height	cover height	cover height	cover height	cover height	cover height						
CLAR	- - - - - - - - - -	cover height	cover height	cover height	cover height	cover height	cover height	cover height						
Species	cover height cover height cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height						
Species	cover height cover height cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height						
Species	cover height cover height cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height						
Species	cover height cover height cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height						

Notes:

Other species encountered

ELRE = Elymus repens i.e. UPG3

Unknown forb - lobed leaves (pinnate)

oak-like, almost

white petals, thick distinctive hairs

& Solanum triflorum

Plot:	d_014_herb_1 d_<5-202> <strip_type> <strip#>				Date	20220622 YYYYMMDD			
Block:	ie which strip				Observer(s)	A&J			
subplots	1	2	3	4	5	6	7	8	
coords	x 0 0	y 0	x 1	y 0	x 2	05	x 3	03	
Litter	100	-	92	-	90	-	95	-	
UPG4	65	21	33	24	—	—	—	—	
BKTE	3	17	7	16	4	25	54	27	
SATR	2	15	2	9	3	14	24	3	
ROSE	—	—	15	9	10	12	24	T 8	
Mossy rd	—	—	15	—	—	—	—	—	
Bare	—	—	3	—	10	5	—	—	
SPORO?	—	—	—	—	1	25	—	—	
UPG2	—	—	—	—	—	7	14	25	
SIAL	—	—	—	—	—	—	T 9	—	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	
Species	cover	height	cover	height	cover	height	cover	height	

Notes:

MESA
Other species encountered

Plot:	d-057-shru-4 d_<5-202>_<strip_type>_<strip#>				Date	20200623												
Block:	ie which strip 4				Observer(s)	J&A												
subplots	1	2	3	4	5	6	7	8										
coords	x 0, y 0	x 1, y -1	x 1, y 2	x 4, y -1	x	x	y	x	x	y	x	y	x	y	x	y	x	y
lit	95	-	5	-	1	-	95	-	cover	height								
bare	5	-	95	-	99	-	5	-	cover	height								
ELRE	55	26	5	16	2	19	6	22	cover	height								
SATR	T	2	1	1	T	2	T	1	cover	height								
COAR	1	19	3	16	4	10	T	8	cover	height								
KOSC	T	1	1	1	1	—	cover	height										
SIAL	—	—	—	—	T	10	—	—	cover	height								
BRTE	cover	height	cover	height	T	5	—	—	cover	height								
MESA	cover	height	cover	height	cover	height	24	32	cover	height								
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height

Notes: *Heterotheca villosa*

DESO

TAOF

not in plot: *Melilotus officinalis*

Plot:	d-051- herb- 1 d_<5-202>_<strip_type>_<strip#>	Date	20220622 YYYYMMDD
Block:	ie which strip	Observer(s)	AJ

subplots	1	2	3	4	5	6	7	8
coords	x y 5 x 1 y 4 x 1 y 1 x 1 y 2 x 2 y 5 x 3 y 3 x 4 y 1 x 4 y 4							
Litter	100 - 100 - 95 - 100 - 99 - 99 - 95 - 90 -	height						
BRTE	13 1 45 1 38 2 25 T 12 T 10 44 6	cover	height	cover	height	cover	height	cover
NAVI	16 45 T 90 5 40 3 40	cover	height	cover	height	cover	height	cover
UPG 3	7 27 1 26 6 33 35 33 30 38	cover	height	cover	height	cover	height	cover
Bare	5 - 1 - 1 - 5 - 10 -	cover	height	cover	height	cover	height	cover
SATR	1 7 3 10 T 8 T 5 6 11 1 8	cover	height	cover	height	cover	height	cover
UPG 2	40 22 40 22 10 44	cover	height	cover	height	cover	height	cover
MESA	5 - 1 16 - 16 -	cover	height	cover	height	cover	height	cover
UPG 1	20 31	cover	height	cover	height	cover	height	cover
Species	cover height							
Species	cover height							
Species	cover height							
Species	cover height							
Species	cover height							
Species	cover height							

Notes:

TRDU / UPG 3 is Elymus repens

Plot:	d-006-herb-1 d_<5-202>_<strip_type>_<strip#>	Date	20720623 YYYYMMDD
Block:	ie which strip 1	Observer(s)	AJS

subplots	1	2	3	4	5	6	7	8
coords	x 0 y 2	x 1 y 1	x 1 y 5	x 2 y 4	x 2 y 1	x 3 y 5	x 4 y 4	x 4 y 2
BRT	7 24	6 23	1 30	2 8	5 20	5 40	2 30	4 35
SATR	4 20	3 10	8 24	12 11	9 28	8 22	6 15	3 24
KOSC	—	—	1 10	15 27	23 27	1 11	7 30	—
MESA	3 26	—	—	—	—	—	3 31	—
UPG2	5 28	—	—	—	—	—	23 33	—
UPG3	—	4 30	2 37	3 23	1 23	—	—	—
SIAL	—	—	—	1 21	—	—	—	—
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height
L	100	1	85	1	50	97	—	97
R	—	—	—	—	—	—	—	96
B	—	2	15	50	3	—	3	4

Notes: Other species encountered

UPG3 might be rhizomatous

UPG4

NAVI

Cirsium arvense

Plot:	d-013-herb-1 d_<5-202>_<strip_type>_<strip#>				Date	20220622 YYYYMMDD							
Block:	ie which strip				Observer(s)	A&J							
subplots	1	2	3	4	5	6	7	8					
coords	x 1 y 3	x 2 y 1	x 2 y 2	x 3 y 1	x 3 y 4	x 3 y 2	x 4 y 1	x 4 y 4					
SATR	1 12	—	5 13	4 11	—	1 9	1 12	6 14	J 8				
BRTE	T 10	4 18	3 16	4 19	T 10	5 18	3 14	1 17					
KOSC	T 7	1 8	—	—	4 10	1 8	3 24	1 9					
SPRO?	20 27	—	—	—	—	—	—	—	2 7				
UPG3	5 28	—	—	—	15 29	—	—	—					
UPG4	2 14	7 19	—	—	13 29	—	—	—					
UPG1	—	—	4 18	T 23	—	3 27	—	—					
UPG2	—	—	—	—	—	30 27	T 9	25 21					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover
Rock	—	—	—	—	—	—	—	—	—	—	—	—	—
L	100	—	100	—	100	97	100	100	50	—	100	—	—
B	—	—	—	—	3	—	—	—	50	—	—	—	—

Notes:

Bromus tenuis / cutleaf Vipergrass - *Podospermum laciniatum*

UPG3: Like UPG1 w/ bare panicles
but leaf ~~more~~ more flat
less stiff & coarse

UPG4: lvs so flattened like an iris
no hair at throat or on ligule

Helianthus annuus
Cirsium arvense

Sisymbrium altissimum

Plot:	d-016-herb-1 d_<5-202>_<strip_type>_<strip#>				Date	20220622 YYYYMMDD								
Block:	ie which strip 1				Observer(s)	AD&JA								
subplots	1	2	3	4	5	6	7	8						
coords	4 5 y	5 5 x	2 2 y	1 3 x	3 3 y	4 3 x	3 2 y	2 3 x						
TAOF	15 2 cover height	cover height	cover height	cover height	cover height	cover height	cover height	cover height						
SATR	1 10 cover height	7 23 cover height	—	6 14 cover height	1 15.5 cover height	1 11 cover height	1 14 cover height	4 17 cover height						
BRTE	7 47 cover height	3 13 cover height	1 19 cover height	2 15 cover height	7 22 cover height	7 17 cover height	1 14 cover height	20 18 cover height						
KOSC	1 1 cover height	—	T 6 cover height	7 19 cover height	4 23 cover height	1 7 cover height	1 13 cover height	—						
UPG2	— cover height	20 12 cover height	— cover height	7 18 cover height	6 18 cover height	25 29 cover height	75 28 cover height	— cover height						
UPG1	— cover height	— cover height	5 30 cover height	— cover height	— cover height	— cover height	— cover height	— cover height						
SPORO?	— cover height	— cover height	13 27 cover height	— cover height	— cover height	— cover height	— cover height	— cover height						
CHALCHRE	— cover height	— cover height	— cover height	— cover height	— cover height	— cover height	— cover height	— cover height	T 1 cover height					
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Species	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height	cover	height
Rock	— cover height	— cover height	— cover height	— cover height	— cover height	— cover height	— cover height	— cover height	— cover height	— cover height	— cover height	— cover height	— cover height	— cover height
Litter	100 — cover height	95 — cover height	99 — cover height	95 — cover height	99 — cover height	100 — cover height	95 — cover height	98 — cover height						
bare	— cover height	5 — cover height	1 — cover height	5 — cover height	1 — cover height	— cover height	5 — cover height	2 — cover height						

181 on POF ML
Notes:

Other species encountered

SPORO? cf Sporopolius sp. (sand dune sed.)
Wider leaf blades than UPG2
Folded instead of rolled Ivs
hairy ligule that goes up the blade a bit

cf. Sisymbrium irio

CHRE - cf. Chenopodium berlandieri

MESA

cf. Helianthus sp (annuum)

T = trace

Plot:	d-005-herb-1 d_<5-202>_<strip_type>_<strip#>	Date	20220622 YYYYMMDD
Block:	ie which strip	1	Observer(s) Adam & Jacob

subplots	1	2	3	4	5	6	7	8
coords	5 y 1 x 2 z 2	1 1 x 5 y 5	x 3 y 3	x 4 y 4	x 3 y 4	x 5 y 4		
BRTE	7 25 20 20 10 20 8 20 5 19 40 18 27 24 8 20	cover height						
KOSC	10 22 7 15 15 9 8 11 12 16 8 22 2 15 1 9	cover height						
SATR	3 17 3 7 - - 5 15 1 16 4 10 4 16 3 15	cover height						
UPG1	cover height cover height cover height 1 20 cover height cover height cover height cover height cover height cover height							
UPG2	cover height cover height cover height cover height 12 15 10 cover height cover height cover height cover height cover height							
MESA	cover height cover height cover height cover height 18 30 cover height cover height cover height cover height cover height							
DESO	cover height							
NAVI	cover height							
Species	cover height							
Species	cover height							
Species	cover height							
Rock	cover height							
Litter	100 height 100 height 100 height 99 height 100 height 100 height 100 height 100 height							
Soil	cover height							

Notes: (179 on Avernor) Other species entered

MESA-Medicago Sativa

Descurainia sophia

Tragopogon dubius

UPG1 → unknown perennial grass
non-hairy ligule, little auricles
rolled leaves w/ waves
Coarse form, sharp 45° angle off stem
Starchy look

UPG2: perennial grass
hairy ligule & leaf margins
soft form, leaves bendy, thick bunches

Convolvulus arvensis

Cirsium arvensis (canada thistle)

NAVI-Nassella viridula