

Phase 3 Peyote post-harvest regrowth – Second reharvest of regrowth after 2 years

nd – No data available.

– Missing data.

Two years following the initial harvesting the survivors of our harvest group had been divided into two parts and all new growth was then reharvested from half of them. Now, two years later at the four year point, we again divided the survivors showing regrowth into two groups and reharvested half of those. Both sets conveniently had four dead/missing plants.

Weights listed are for the original plant crown weight and the weights for the total of the reharvested crowns.

Images of the regrowth on the actual plants in our study can be viewed using the links in the column headed "Regrowth as number of pups".

Images of the reharvested group and the new controls can be found in a separate downloadable file labeled as such.



Lophophora williamsii showing a cut and oxidizing surface

Plant No. [Tag IMG]	Number of ribs	Diameter (cm)	Weight (gm)	Regrowth as number of pups	Regrowth as diameter of pups (cm)	Comments, reharvests & new controls
2008 2009 2010 2011 2012				11 Nov. 2008 7 Mar. 2009 6 Mar. 2010 15 Mar. 2011 13 Mar. 2012	11 Nov. 2008 7 Mar. 2009 6 Mar. 2010 15 Mar. 2011 13 Mar. 2012	
101	13 - 8, 7, 6, 7 <i>nd</i> <i>nd</i>	6.2	65 0	$\frac{4}{\underline{0}}$	1.3, 2.5, 2.4, 1.2 2.0, 2.7, 2.5, 1.3 2.5, 3.1, 3.1, 20 nd nd	Reharvested 8 March 2010 Dead remains found in 2011. Reharvest set 13 March 2012
103	5 - 7,7 6,6 5,5	2.0	3	$\begin{array}{c} 3\\ \underline{2}\\ \underline{2}\\ \underline{0}\\ \underline{2} \end{array}$	0.5, 0.8, 0.9 1.2, 1.3 1.4, 1.5 <i>nd</i> 2.6, 2.0	New control 13 March 2012
108	8 5, 7, 7 7, 7, 5* 7, unclear, 8	5.0	31	$\frac{\frac{3}{3}}{\frac{3}{3}}$	<i>nd</i> 2.1, 1.8, 2.1 2.1, 1.6, 2.4 2.1, 1.3, 1.3 3.2, 2.1, 1.2	Tag not found, plant not found. <u>Reharvested 8 March</u> 2010 *Chewed on by herbivores. <u>Reharvested 13 March</u> 2012

109	9 - 7, 8, 7 8, 7, 7 8, 8, 8	5.8	43	$\frac{3}{3}$	nd nd 2.9, 3.8, 3.4 3.1, 3.0, 3.1 4.3, 4.0, 3.8	Tag not found, plant not found. Tag not found, plant not found. <u>New control 13 March</u> 2012
110	8 - 7,7 nd nd	4.1	23 0	$\frac{-}{2}$ $\frac{0}{0}$	nd nd 2.5, 2.1 nd nd	Reharvested 8 March 2010 Dead. Carcass found. Reharvest set 13 March 2012
111	8 - 8,5 6 nd	2.7	6	$\frac{-}{2}$ $\frac{1}{0}$	nd nd 2.0, 0.6 1.0 nd	Tag not found, plant not found. Tag not found, plant not found. <u>New control set 13</u> <u>March 2012</u>
112	13 - 8. 7. 8. 8 7, 8, 6, 6 6, 5, 6, 6	4.8	20 14	$\frac{-\frac{4}{4}}{\frac{4}{4}}$	nd 2.1, 2.0, 1.7, 1.6 2.6, 1.3, 2.7, 2.4 1.3, 1.5, 1.3, 1.3 2.2, 2.0, 1.8, 1.3	
114	8 - 7, 8 8, 5 nd	4.1	17	$\begin{array}{c} 2\\ \underline{2}\\ \underline{2}\\ \underline{2}\\ \underline{0} \end{array}$	1.7, 1.9 1.7, 1.7 2.1, 2.2 2.3, 1.0 <i>nd</i>	Reharvested 8 March 2010 1 head looks older than the other. Reharvest set 13 March 2012
116	8 - 8, 5, 6 5*, 8, 6 <i>nd</i>	4.4	23	3 $\frac{3}{3}$ $\frac{3}{2}$ $\underline{0}$	1.7, 1.0, 1.4 1.7, 0.9, 1.6 2.5, 0.7, 1.8 2.5, 2.5, 0.7 <i>nd</i>	*Chewed on by herbivores. <u>New control set 13</u> <u>March 2012</u>
117	8 - 11, 6, 6 8, 7, 12 nd	5.4	28	$\begin{array}{c} 3\\ \underline{3}\\ \underline{3}\\ \underline{3}\\ \underline{0} \end{array}$	1.3, 2.8, 1.8 1.8, 3.0, 2.1 1.7, 3.6, 2.2 2.6, 2.5, 4.5 <i>nd</i>	New control set 13 March 2012
118	8	5.3	34	5 <u>5</u>	1.0, 1.3, 1.0, 1.2, 1.4	

	87766			5	10 10 12	Dehomiacted & March
	8,7,7,6,6			$\frac{5}{3}$	1.0, 1.9, 1.3, 1.7, 2.0	Reharvested 8 March 2010
	7,7,6 7,7,7		10.8	$\frac{3}{2}$	1.7, 2.0	2010
	1,1,1		10.8	<u>3</u>		Dahamuastad 12 Marah
					1.0, 1.5	Reharvested 13 March
					1.7, 1.8, 1.8	2012
					2.3, 2.3, 2.1	
	12	5.4	48	4	1.9, 0.8, 1.5,	
	13	5.4	40	4	1.6	
119				$\frac{4}{4}$	2.2, 0.9, 1.3,	
	8, 5, 8, 8			$\frac{\frac{4}{4}}{\frac{4}{4}}$	1.9	
	6,7,7,6 7,5,7,5			$\frac{4}{4}$	2.4, 0.9, 1.6, 1.6 2.4, 2.8, 2.8, 2.8	New control 15 March
	1, 5, 1, 5			<u>+</u>	4.0, 2.5, 3.1, 3.2	2012
					4.0, 2.3, 5.1, 5.2	T
						Tag not found, plant not found.
						Tag not found, plant
	8	5.6	28	-	nd	not found.
120				-	nd	Reharvested 8 March
140	7,8			<u>2</u>	1.8, 2.1	2010
	7,6			$\frac{\frac{2}{2}}{\frac{2}{2}}$	2.0, 1.5	One crown was
	6,6		5.5	<u>2</u>	2.2, 1.8	stepped on.
						Reharvested 13 March
						2012
1						
	13	6.3	71	2	1.9, 2.5	
121	-			<u>2</u>	2.4, 2.6	
1#1	8,7			<u>2</u>	2.4, 2.7	
	7,7			$\frac{\frac{2}{2}}{\frac{2}{2}}$	3.6, 3.4	New control 13 March
	8,7			<u>2</u>	4.0, 4.2	2012
	-					
		• •				Tag not found, plant
	5	2.9	6	1	2.2	not found.
122				-	nd	Reharvested 8 March
	7			<u>1</u> <u>1</u> 1	2.1	2010
	6		0.0	<u> </u>	1.7	
	8		2.8	<u>1</u>	2.1	Reharvested 13 March
						2012
						Tag not found, plant
						not found.
	8	5.0	31	_	nd	Tag not found, plant
100				_	nd	not found.
123	6,5			<u>2</u>	2.1, 1.6	
	7,6			$\frac{\frac{2}{2}}{\frac{2}{2}}$	2.5, 2.9	*Regrowth after
	8,7			<u>2</u>	3.2, 3.0	herbivore damage.
						New control 13 March
						2012
	8	4.1	17	2	1.9, 2.1	
124	-			<u>2</u>	1.8, 2.0	Reharvested 8 March
144	7,6			<u>2</u>	1.8, 1.8	2010
	5,5			$\frac{\frac{2}{2}}{\frac{2}{2}}$	0.8, 2.0	
	8,7		7.3	<u>2</u>	2.5, 2.0	Reharvested 13 March
						2012
125	8	4.4	14	2	1.6, 1.5	
1	1		1		1	1

$\begin{array}{c c c c c c c c c c c c c c c c c c c $	1			1	-		1
Image: constraint of the second se		-			<u>2</u>	2.0, 1.6	
Image: constraint of the second se		5,6			<u>2</u>	1.4, 1.4	
Image: constraint of the second se		6,7			2	2.5, 2.5	
Image: constraint of the second se					$\frac{1}{2}$		New control 13 March
126 $13 \\ -, 7, 7, 7, 8, 6, 7, 6$ 5.0 5.4 $ nd \\ nd \\ nd$ Tag not found, plant not found. 127 $8 \\ -, 6, 7, 7, 8, 6, 7, 6$ 19.8 4 $2.4, 2.5, 2.4, 42010$ $8.6 harvested 8 March 2012$ 127 $8 \\ -, 8 \\ -, 8 \\ -, 8 \\ -, 6, 7, 7 \\ -, 7 \\ -, 8 \\ -, 6, 7, 7 \\ -, 7 \\ -, 6, 7, 7 \\ -, 7 $,,,,			=	2.9, 2.9	
126 13 - 7, 7, 7, 7, 8, 8, 7, 7, 7, 8, 8, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,							
126 13 - 6,7,7 8,6,7,6 5.0 - 7,6,8,7 8,6,7,6 5.4 - 9,8 10 - 10 4 nd 2.4,2,5,2.4 4 Tag not found, plant Reharvested 8 March 2010 127 8 - 8 8 4.3 28 8 1 1.8 2.0 2.1,2.3,2.5 2.1,2.3,2.5 127 8 - 8 8 4.3 28 8 1 1.8 2.0 1.8 2.0 1.9 2.0 1.0 2.0 New control 13 March 2012 128 13 - 6,8,8 6,7,6,7 13.6 4 2.1 1.6,24,2.0 3 Reharvested 8 March 2012 128 13 - 6,7,7,7 5.3 34 4 2.2,2.1,9,2.1,20 Reharvested 8 March 2012 129 10 - 6,7,7,7 5.3 34 4 2.2,2.1,2,2.1,20 New control 13 March 2012 130 8 - 6,7,7,7 5.3 23 2 4 2.2,2.0,3.3 2.8,2.8,2.8 New control 13 March 2012 130 8 - 7,7,7 5.3 23 2 2 1.1,3.1 2 1.1,3.1 2 New control 13 March 2012 131 8 - 7,7,7 4.8 2.6 3 2 1.4,12,1.1 2.0 New control 13 March 2012 133 8 - 7,7,7,7 4.3 2.0 1.4 1.2,1.1 2.0 New control 13 M							
126 $\overline{0}, 7, 7$ $\overline{10}, 8, 8, 7, 8, 6, 7, 6$ $\overline{19,8}$ $\overline{10}, 8, 19, 20, 18, 19, 10, 13, 18, 19, 20, 18, 19, 10, 18, 18, 19, 20, 18, 19, 10, 18, 18, 19, 20, 18, 19, 10, 13, 18, 19, 15, 11, 18, 19, 15, 11, 18, 19, 15, 11, 18, 19, 15, 11, 18, 19, 15, 11, 18, 19, 15, 11, 18, 19, 15, 11, 18, 19, 15, 11, 18, 19, 15, 14, 15, 14, 15, 14, 15, 14, 15, 14, 15, 14, 15, 14, 15, 14, 15, 14,$							
120 6, 7, 7 2, 6, 8, 7 3 2.4, 2.5, 2.4 Reharvested 8 March 18, 19, 20, 14 2010 2.6, 2.1, 2.3, 25 Reharvested 13 March 127 8 4.3 28 1 1.8 2.6, 2.1, 2.3, 25 Reharvested 13 March 127 8 4.3 28 1 1.8 2.6, 2.1, 2.3, 25 Reharvested 13 March 128 $\frac{-}{8}$ 4.3 28 1 1.8 2.0 1.4 2012 128 $\frac{-}{6, 8, 8}$ 4.9 34 3 1.6, 2.4, 20 Reharvested 8 March 2012 128 $\frac{-}{6, 7, 6, 7}$ 13.6 4 2.2, 1.9, 2.1, 20 Reharvested 8 March 129 $\frac{-}{6, 7, 6, 7}$ 5.3 34 4 2.2, 2.0, 2.1, 20 Reharvested 8 March 129 $\frac{-}{6, 7, 7, 7}$ 5.3 34 4 2.2, 2.0, 2.3 Reharvested 13 March 130 $\frac{-}{8, 7, 7}$ 5.3 23 2 1.1, 3.7 2.3 New control 13 March 131 $\frac{-}{7, 7, 7}$ 5.3 23 2 2 1.1, 3.7 3.9,		13	5.0	54	-	nd	Tag not found, plant
3 $24, 3, 24$ Kentrested 8 March 2010 127 8 4.3 28 1 $18, 19, 20, 12, 3, 25$ Kentrested 13 March 2012 127 8 4.3 28 1 1.8 2012 127 $\frac{8}{8}$ 4.3 28 1 1.8 2012 127 $\frac{8}{8}$ 4.3 28 1 1.8 2012 128 $\frac{13}{-}$ 4.9 34 3 $16, 24, 20$ 8 8 1 5.3 12 8 128 $\frac{1}{-}$ $6, 7, 6, 7$ 13.6 4 $22, 19, 2.1, 20$ 8 8 2012 129 $\frac{6}{-7, 7, 7}$ 13.6 4 $22, 20, 10, 2.1$ $22, 19, 2.1, 20$ 8 $88, 7, 7$ $8, 8, 7, 7$ $8, 8, 7, 7$ 34 4 $22, 20, 10, 2.1$ 8 88 85.3 23 $21, 33, 14$ 2012 84 2012 129 $\frac{6}{-7, 7, 7}$ $8, 8, 8, 7, 7$ 23 $21, 33, 14$ $22, 20, 2.3$ 84	100	_			_	nd	not found.
Image: Non-State index in the image in the ima	120	6.7.7			3	2.4.2.5.2.4	Reharvested 8 March
Image: Non-State index in the image in the ima					$\frac{1}{4}$		
Image: Non-State index in the image in the ima				19.8	$\frac{1}{4}$		
127 8 4.3 28 1 1.8 2012 127 8 4.3 28 1 1.8 2.3 3.0 New control 13 March 2012 128 13 4.9 34 3 1.6, 2.4, 2.0 Reharvested 3 March 2012 128 13 6, 8, 8 6, 7, 6, 7 13.6 4 2.2, 1.9, 2.1, 20 Reharvested 3 March 2010 129 10 5.3 34 4 2.2, 1.9, 2.1, 20 Reharvested 13 March 2012 129 10 5.3 34 4 2.2, 1.9, 2.1, 20 Reharvested 13 March 2012 130 - 5.3 34 4 2.2, 2.2, 1.7, 2.3 New control 13 March 2012 130 - 5.3 23 2 1.1, 3.1 New control 13 March 2012 131 8 5.3 23 2 1.1, 3.1 New control 13 March 2012 133 - - 2 2.2, 2.0, 2.3 New control 13 March 2012 133 - 2.3 2.4		0,0,7,0		17.0	<u> </u>	2.0, 2.1, 2.3, 2.3	
127							
127 $\frac{-}{8}$ 8 1 2.0 New control 13 March 2012 128 $\frac{1}{0}$ $\frac{1}{0}$ $\frac{3}{0}$ $\frac{3}{0}$ $\frac{1}{1}$ $\frac{2.0}{2.3}$ New control 13 March 2012 128 $\frac{1}{0}$ $\frac{5}{0.8}$ $\frac{4.9}{0}$ $\frac{3}{4}$ $\frac{3}{3}$ $\frac{16, 24, 2.0}{1.7, 28, 2.0}$ Reharvested 8 March 2012 128 $\frac{1}{0}$ $\frac{5}{0, 7, 7}$ $\frac{13.6}{13.6}$ $\frac{4}{4}$ $2.2, 19, 2.1, 2.0$ Reharvested 13 March 2012 129 $\frac{1}{0}$ $\frac{5.3}{5.3}$ $\frac{34}{4}$ $\frac{2.0, 2.0, 10, 2.2, 2.0, 2.3}{2.2, 2.2, 2.2, 2.2, 2.2, 2.2, 2.2, 2.2,$	1						2012
127 $\frac{-}{8}$ 4.9 34 3 16, 24, 20 New control 13 March 2012 128 $\frac{1}{6}$ $\frac{1}{6}$ $\frac{1}{3}$ $\frac{3}{2}$ $\frac{1}{1}$ $\frac{2}{2}$ Reharvested 8 March 2012 128 $\frac{1}{6}$ $\frac{1}{6}$ $\frac{1}{6}$ $\frac{3}{2}$ $\frac{1}{1}$ $\frac{2}{2}$ $\frac{1}{1}$ $\frac{2}{2}$ $\frac{1}{1}$ $\frac{2}{2}$ $\frac{1}{1}$ $\frac{2}{2}$ $\frac{1}{1}$ $\frac{2}{2}$ $\frac{1}{1}$ $\frac{2}{2}$ $\frac{1}{2}$		8	43	28	1	1.8	
127 8 8 1 2.3 New control 13 March 2012 128 13 4.9 34 3 16, 24, 20 Reharvested 8 March 2012 128 $\frac{7}{6}, 8, 8$ 6, 7, 6, 7 13.6 4 2.2, 19, 2.1, 20 Reharvested 8 March 2010 129 $\frac{7}{6}, 7, 7, 7$ 13.6 4 2.2, 2.0, 1.0, 2.1 Reharvested 13 March 2012 129 $\frac{7}{6}, 7, 7, 7$ 34 4 2.2, 2.2, 1.7, 2.3 Reharvested 13 March 2012 130 $\frac{7}{6}, 7, 7, 7$ 13.6 2 2.1, 1.3.1 New control 13 March 2012 130 $\frac{7}{6}, 7, 7, 7$ 34 2 2.2, 2.0, 2.3 New control 13 March 2012 130 $\frac{7}{7}, 7, 7, 7$ 34 2 2 1.3.1 1.3.1 New control 13 March 2012 131 $\frac{8}{7}, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7, 7,$			т.5				
128 13 -6,8,8 6,7,6,7 6,7,7,7 4.9 34 34 3 3 3 16,2.4,2.0 1,7,2.8,2.0 4 Reharvested 8 March 2010 129 10 -6,7,7,7 5.3 34 1.5,1.7,1.6,1.5 20,2.0,1.0, 4 2.2 10.5 129 10 -6,7,7,7 5.3 34 4 4 2.2,2.2,2.1,7, 2.3 20,2.0,1.0, 2.2 2.2 New control 13 March 2012 130 - - 8 5.3 23 4 2 2 1,3.1 2 New control 13 March 2012 130 - - 8 5.3 23 2 2 1.1,3.1 2 Reharvested 8 March 2012 131 8 5.3 23 2 2 2 1,3.4 2 Reharvested 8 March 2012 131 8 5.3 23 2 2 2 1,3.3 1,3.7 Reharvested 8 March 2012 131 8 4.8 26 3 3 14,12,1.1, 1,9,15,1.4 10,17,1.6 2.0 nd Reharvested 8 March 2012 133 8 4.2 20 0 nd New control 13 March 2012	127						
128 13 -6,8,8 6,7,6,7 6,7,7,7 4.9 34 34 3 3 3 16,2.4,2.0 1,7,2.8,2.0 4 Reharvested 8 March 2010 129 10 -6,7,7,7 5.3 34 1.5,1.7,1.6,1.5 20,2.0,1.0, 4 2.2 10.5 129 10 -6,7,7,7 5.3 34 4 4 2.2,2.2,2.1,7, 2.3 20,2.0,1.0, 2.2 2.2 New control 13 March 2012 130 - - 8 5.3 23 4 2 2 1,3.1 2 New control 13 March 2012 130 - - 8 5.3 23 2 2 1.1,3.1 2 Reharvested 8 March 2012 131 8 5.3 23 2 2 2 1,3.4 2 Reharvested 8 March 2012 131 8 5.3 23 2 2 2 1,3.3 1,3.7 Reharvested 8 March 2012 131 8 4.8 26 3 3 14,12,1.1, 1,9,15,1.4 10,17,1.6 2.0 nd Reharvested 8 March 2012 133 8 4.2 20 0 nd New control 13 March 2012					$\frac{1}{1}$		
128 13 -6,8,8 6,7,6,7 6,7,7,7 4.9 34 34 3 3 3 16,2.4,2.0 1,7,2.8,2.0 4 Reharvested 8 March 2010 129 10 -6,7,7,7 5.3 34 1.5,1.7,1.6,1.5 20,2.0,1.0, 4 2.2 10.5 129 10 -6,7,7,7 5.3 34 4 4 2.2,2.2,2.1,7, 2.3 20,2.0,1.0, 2.2 2.2 New control 13 March 2012 130 - - 8 5.3 23 4 2 2 1,3.1 2 New control 13 March 2012 130 - - 8 5.3 23 2 2 1.1,3.1 2 Reharvested 8 March 2012 131 8 5.3 23 2 2 2 1,3.4 2 Reharvested 8 March 2012 131 8 5.3 23 2 2 2 1,3.3 1,3.7 Reharvested 8 March 2012 131 8 4.8 26 3 3 14,12,1.1, 1,9,15,1.4 10,17,1.6 2.0 nd Reharvested 8 March 2012 133 8 4.2 20 0 nd New control 13 March 2012					$\frac{1}{1}$		New control 13 March
128 13 - 6,8,8 6,7,6,7 6,7,7,7 4.9 34 3 - 6,8,8 6,7,6,7 6,7,7,7 34 13.6 3 3 4 4 1.6,2,4,20 1.7,2,8,2.1 1.5,17,16,15 2.2,19,21,20 Reharvested 8 March 2012 129 10 - 6,7,7 8,8,7,7 8,8,7,7 8,8,8,7+ 5.3 2.8,2,2,1,7 3.4 34 4 4 2.2,2,2,17, 2.3,2,2,0,2.3 2.8,2,8,2,8,2,8,28,28,2012 New control 13 March 2012 130 $\frac{-}{8,7}$ 13,8 - 4.8 26 3 3 2 1,1,3,7 2 2,3,9,1,4 2 14,1,2,1.1 1,3,7,2,3 Reharvested 8 March 2012 131 $\frac{8}{7,7,7,7}$ 6,6,7,7,7 4.8 26 3 3 2 1,1,3,7,1,3,1 14,1,2,1.1 2,0,1,4 Reharvested 8 March 2012 131 $\frac{8}{7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,7,$		8			<u>1</u>	5.3	
128 $-6, 8, 8$ $-6, 7, 6, 7$ 33 $1.7, 2.8, 2.0$ Reharvested 8 March 2010 136 4 $2.2, 1.9, 2.1, 2.0$ Reharvested 13 March 2010 129 10 5.3 34 4 $2.2, 2.1.9, 2.1, 2.0$ Reharvested 13 March 2012 129 10 5.3 34 4 $2.2, 2.2, 1.7, 2.3$ Rew control 13 March 2012 129 $\frac{7}{6,7,7}$ $8, 8, 7.7$ 4 $2.2, 2.2, 1.7, 2.3$ New control 13 March 2012 130 $\frac{7}{6,7,7}$ $8, 8, 7.7$ 4 $2.2, 2.2, 0, 2.3$ New control 13 March 2012 130 $\frac{7}{8, 7, 7}$ 23 23 2 $1.1, 3.7$ New control 13 March 2012 131 $\frac{8}{7, 7}$ 4.8 26 3 $1.4, 1.2, 1.1$ Reharvested 8 March 2012 131 $\frac{8}{7, 7, 7, 7}$ 6 0 0 0 0 0 0 0 131 $\frac{8}{7, 7, 7, 7}$ 6 0 0 0 0 0 0 0 133 $\frac{8}{-6}$ 4.2 20	1			1			
128 $-6, 8, 8$ $-6, 7, 6, 7$ 33 $1.7, 2.8, 2.0$ Reharvested 8 March 2010 136 4 $2.2, 1.9, 2.1, 2.0$ Reharvested 13 March 2010 129 10 5.3 34 4 $2.2, 2.1.9, 2.1, 2.0$ Reharvested 13 March 2012 129 10 5.3 34 4 $2.2, 2.2, 1.7, 2.3$ Rew control 13 March 2012 129 $\frac{7}{6,7,7}$ $8, 8, 7.7$ 4 $2.2, 2.2, 1.7, 2.3$ New control 13 March 2012 130 $\frac{7}{6,7,7}$ $8, 8, 7.7$ 4 $2.2, 2.2, 0, 2.3$ New control 13 March 2012 130 $\frac{7}{8, 7, 7}$ 23 23 2 $1.1, 3.7$ New control 13 March 2012 131 $\frac{8}{7, 7}$ 4.8 26 3 $1.4, 1.2, 1.1$ Reharvested 8 March 2012 131 $\frac{8}{7, 7, 7, 7}$ 6 0 0 0 0 0 0 0 131 $\frac{8}{7, 7, 7, 7}$ 6 0 0 0 0 0 0 0 133 $\frac{8}{-6}$ 4.2 20		10	4.0	24	2	160400	
129 10 5.3 34 4 2012 129 $\frac{1}{6,7,7}$ 5.3 34 4 2.2, 2.2, 1.7, $2.2, 2.2, 2.3, 2.3, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8$		13	4.9	34	3		
129 10 5.3 34 4 2012 129 $\frac{1}{6,7,7}$ 5.3 34 4 2.2, 2.2, 1.7, $2.2, 2.2, 2.3, 2.3, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8$	128	-			<u>3</u>		
129 10 5.3 34 4 2012 129 $\frac{1}{6,7,7}$ 5.3 34 4 2.2, 2.2, 1.7, $2.2, 2.2, 2.3, 2.3, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8$	120	6, 8, 8			<u>3</u>	1.8, 2.8, 2.1	2010
129 10 5.3 34 4 2012 129 $\frac{1}{6,7,7}$ 5.3 34 4 2.2, 2.2, 1.7, $2.2, 2.2, 2.3, 2.3, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8$		6,7,6,7			4	1.5, 1.7, 1.6, 1.5	
129 10 5.3 34 4 2012 129 $\frac{1}{6,7,7}$ 5.3 34 4 2.2, 2.2, 1.7, $2.2, 2.2, 2.3, 2.3, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8$		6,7,7,7		13.6	4	2.2, 1.9, 2.1, 2.0	Reharvested 13 March
129 10 5.3 34 4 $2.0, 2.0, 1.0, 2.2$ $2.2, 2.2, 2.17, 2.3$ New control 13 March $38, 8, 7, 7$ $8, 8, 7, 7$ $8, 8, 7, 7$ $8, 8, 7, 7$ 44 $2.2, 2.0, 2.3, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8$					_		
129 10 5.3 34 4 2.2 $2.2, 2.2, 1.7, 2.3$ New control 13 March 2012 130 $\frac{-}{8, 8, 7, 7}$ $8, 8, 7, 7$ $8, 8, 7, 7$ $8, 8, 8, 7, 7$ 4 $2.2, 2.0, 2.3, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8, 2.8$						202010	
129 $-6,7,7$ $8,8,7,7$ $8,8,8,7+$ -4 $2.2,2.2,1.7,2.3$ $2.3,2.2,2.0,2.3$ $2.8,2.8,2.8,2.8,2.8,2.8,2.8,2.8,2.8,2.8,$		10	5.2	24	1		
129 6,7,7 8,8,7,7 8,8,7,7 8,8,8,7,7 3 2.3 2.2,2,0,2.3 2.8,2,8,2.8,2.8,2.8,2.8 2.9,0,3,0,3,0,3,0,3,0 New control 13 March 2012 130 8 5.3 23 2 1.1,3,1 2 New control 13 March 2012 130 8 5.3 23 2 1.1,3,1 3,0,3,0,3,0,3,0,3,0 New control 13 March 2012 130 8 5.3 23 2 1.1,3,1 3,0,3,0,3,0,3,0 New control 13 March 2012 131 8 5.3 23 2 1.1,3,1 1,1,3,7 3,9,1,4 New control 13 March 2012 131 8 5.3 23 2 1.1,3,1 1,1,3,7 3,9,1,4 Reharvested 8 March 2010 131 8 4.8 26 3 14,1,2,1,1 1,9,1,5,1,4 Reharvested 8 March 2010 133 8 4.2 20 0 nd 0 <th></th> <th>10</th> <th>5.5</th> <th>54</th> <th></th> <th></th> <th></th>		10	5.5	54			
Image: second secon	129	_			$\frac{4}{2}$		
Image: second secon					<u>3</u>		
Image: second secon					<u>4</u>		New control 13 March
130 8 5.3 23 2 1.1, 3.1 1.1, 3.7 2 3.9, 1.4 1.1, 3.7 1.1, 3.1 <th></th> <th>8, 8, 8, 7+</th> <th></th> <th></th> <th><u>4</u></th> <th>2.8, 2.8, 2.8, 2.8</th> <th></th>		8, 8, 8, 7+			<u>4</u>	2.8, 2.8, 2.8, 2.8	
130 $ 2$ $1.1, 3.7$ $3.9, 1.4$ $13, 8$ $ 2$ $3.9, 1.4$ $4.7, 2.3$ $-$ 131 $ 4.8$ 26 3 $1.4, 1.2, 1.1$ Reharvested 8 March 2010 131 $ -$ 131 $ -$ 131 $ -$ 131 $ -$ <th></th> <th></th> <th></th> <th></th> <th></th> <th>3.0, 3.0, 3.0, 3.0</th> <th>2012</th>						3.0, 3.0, 3.0, 3.0	2012
130 $ 2$ $1.1, 3.7$ $3.9, 1.4$ $13, 8$ $ 2$ $3.9, 1.4$ $4.7, 2.3$ $-$ 131 $ 4.8$ 26 3 $1.4, 1.2, 1.1$ Reharvested 8 March 2010 131 $ -$ 131 $ -$ 131 $ -$ 131 $ -$ <th></th> <th>8</th> <th>5.3</th> <th>23</th> <th>2</th> <th></th> <th></th>		8	5.3	23	2		
13, 8 2 4.7, 2.3 - missed - 131 $\frac{8}{-7}$ 4.8 26 3 1.4, 1.2, 1.1 Reharvested 8 March 2010 131 $\frac{7}{7, 7, 7}$ $\frac{4.8}{-7}$ 26 $\frac{3}{2}$ $\frac{1.4, 1.2, 1.1}{1.9, 1.5, 1.4}$ Reharvested 8 March 2010 131 $\frac{7}{6}$ $\frac{1}{0}$ $\frac{0}{0}$ $\frac{1.4, 1.2, 1.1}{1.9, 1.5, 1.4}$ Reharvested 8 March 2010 133 $\frac{8}{-7}$ $\frac{4.2}{-7}$ 20 0 $\frac{1}{0}$ $\frac{1.3}{2.0}$ $\frac{1}{1}$ $\frac{1.3}{2.0}$ 133 $\frac{8}{-6}$ $\frac{4.2}{-7}$ 20 0 $\frac{1}{1}$ $\frac{1.3}{2.0}$ $\frac{1}{2012}$							
13, 8 2 4.7, 2.3 - missed - 131 $\frac{8}{-7}$ 4.8 26 3 1.4, 1.2, 1.1 Reharvested 8 March 2010 131 $\frac{7}{7, 7, 7}$ $\frac{4.8}{-7}$ 26 $\frac{3}{2}$ $\frac{1.4, 1.2, 1.1}{1.9, 1.5, 1.4}$ Reharvested 8 March 2010 131 $\frac{7}{6}$ $\frac{1}{0}$ $\frac{0}{0}$ $\frac{1.4, 1.2, 1.1}{1.9, 1.5, 1.4}$ Reharvested 8 March 2010 133 $\frac{8}{-7}$ $\frac{4.2}{-7}$ 20 0 $\frac{1}{0}$ $\frac{1.3}{2.0}$ $\frac{1}{1}$ $\frac{1.3}{2.0}$ 133 $\frac{8}{-6}$ $\frac{4.2}{-7}$ 20 0 $\frac{1}{1}$ $\frac{1.3}{2.0}$ $\frac{1}{2012}$	130	87			$\frac{2}{2}$		
- missed - 131 $\frac{8}{-}$ 4.8 26 3 1.4, 1.2, 1.1 Reharvested 8 March 2010 131 $\frac{-}{7,7,7}$ 4.8 26 3 1.4, 1.2, 1.1 Reharvested 8 March 2010 131 $\frac{-}{7,7,7}$ 6 0 $\frac{3}{0}$ 1.4, 1.2, 1.1 Reharvested 8 March 2010 133 $\frac{8}{nd}$ 4.2 20 0 nd New control 13 March 2012 133 $\frac{8}{6}$ 4.2 20 0 nd New control 13 March 2012					$\frac{2}{2}$		
131 $\begin{bmatrix} 8 \\ -7, 7, 7 \\ 6 \\ nd \end{bmatrix}$ 4.8 26 $\begin{bmatrix} 3 \\ \frac{3}{2} \\ \frac{19, 1.5, 1.4}{1.9, 1.5, 1.4} \\ 1.0, 1.7, 1.6 \\ \frac{2010}{200} \\ Lopsided; herbivores at one side. Reharvested 8 March 2010 \\ Lopsided; herbivores at one side. Reharvested set 13 \\ March 2012 \\ March 2012 \\ March 2012 \\ \hline 133$ 133 $\begin{bmatrix} 8 \\ -6 \\ 6 \\ 5 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$		13,0				4.7, 2.3	
131 $-7, 7, 7$ 3 $1.9, 1.5, 1.4$ $10, 1.7, 1.6$ 2010 2012 2012 2012 <					missea	-	
131 $-7, 7, 7$ 3 $1.9, 1.5, 1.4$ $10, 1.7, 1.6$ 2010 2012 2012 2012 <							
131 $-7, 7, 7$ 3 $1.9, 1.5, 1.4$ $10, 1.7, 1.6$ 2010 2012 2012 2012 <		8	18	26	3	141211	
133 8 4.2 20 0 nd New control 13 March 2012 133 -6 -6 1 0.8 1.3 0.8 1.3 6 -6 1 1.3 0.8 1.3 0.8 1.4 -6 -6 -6 1 1.3 0.8 1.4 0.2012		0	т.0	20			Reharvested 8 March
133 8 4.2 20 0 nd New control 13 March 2012 133 -6 -6 1 0.8 1.3 0.8 1.3 6 -6 1 1.3 0.8 1.3 0.8 1.4 -6 -6 -6 1 1.3 0.8 1.4 0.2012	131				$\frac{3}{2}$		2010
133 8 4.2 20 0 nd New control 13 March 2012 133 -6 -6 1 0.8 1.3 0.8 1.3 6 -6 1 1.3 0.8 1.3 0.8 1.4 -6 -6 -6 1 1.3 0.8 1.4 0.2012					$\frac{3}{1}$		Lopsided: herbivores
133 8 4.2 20 0 nd New control 13 March 2012 133 -6 -1 1.3 1.3 1.3 1.3 6 -1 1.1 2.0 1.2 1.3 -6 -1 1.3 1.3 1.3 -6 -1 1.4 2.0 1.2 -6 -1 -1 -1.2 1.2					<u><u>1</u></u>		1 · ·
133 $ \frac{8}{-} $ 4.2 20 0 nd March 2012 133 $ \frac{-}{6} $ $ \frac{4.2}{1} $ $ \frac{20}{11} $ $ \frac{0.8}{11} $ $ \frac{0.8}{11} $ $ \frac{New control 13 March}{2012} $		nd		0	<u>0</u>	nd	
133							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$							
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		8	4.2	20	0	nd	
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$							
$\frac{1}{2012}$	133	6			1 <u>+</u>		
$\frac{1}{2012}$							
<u>1</u> 4.2 <u>2012</u>							New control 13 March
		5			<u><u>1</u></u>	4.2	
134 8 3.4 9 0 <i>nd</i>	124	0	2.4	0	0		<u></u>
	134	ð	3.4	9	0	na	

134	_			2	1.4, 1.6	
134	- 6, 7 <i>nd</i> 6, 6		4.5	$\frac{\frac{2}{2}}{\frac{0}{2}}$	1.4, 1.6 1.4, 1.4 <i>nd</i> 1.7, 1.9	Reharvested 8 March 2010 Reharvested 13 March 2012
135	13 - 12, 5 12, 6 13*, 7	5.4	28	$\begin{array}{c} 2\\ \underline{2}\\ \underline{2}\\ \underline{2}\\ \underline{2}\\ \underline{2}\\ \underline{2}\\ \underline{2} \end{array}$	2.8, 1.7 3.2, 1.9 3.9, 1.8 4.5, 2.4 5.0, 2.5	<u>New control 13 March</u> 2012 * Apical meristem regrowth.
136	13 - 6,7,7 5*,6,6 6,7,6	5.7	48 12.1	$\begin{array}{c} 2\\ \underline{3}\\ \underline{3}\\ \underline{3}\\ \underline{3}\\ \underline{3}\\ \underline{3}\\ \underline{3} \end{array}$	1.9, 1.9 2.4, 2.3, 1.4 2.1, 2.2, 2.0 1.2, 1.7, 1.3 2.5, 2.1, 1.8	Reharvested 8 March 2010 *Apex of plant off- center. Reharvested 13 March 2012
137	8 - 6, 6, 6 6, 7, 7 6, 7, 7	4.6	17	3 3 3 3 3 3 3 3	$1.8, 1.8, 1.7 \\ 1.6, 1.6, 1.3 \\ 1.3, 1.2, 1.2 \\ 2.1, 2.0, 2.0 \\ 2.2, 2.0, 2.0$	New control 13 March 2012
138	13 - 6, 5, 5 6 6	5.7	43 2.1	$\begin{array}{c} 4\\ \underline{4}\\ \underline{3}\\ \underline{1}\\ \underline{1}\\ \underline{1} \end{array}$	1.1, 1.4, 1.8, 1.1 1.2, 1.7, 2.4, 1.4 3.0, 1.2, 1.2 1.9 1.9	Tag not found, plant was found. <u>Reharvested 8 March</u> 2010 Apical meristem eaten and regrown. <u>Reharvested 13 March</u> 2012
139	5 - 6 8 8	2.9	6	$\begin{array}{c}1\\\underline{1}\\\underline{1}\\\underline{1}\\\underline{1}\\1\end{array}$	1.8 1.9 2.1 2.6 1.9	New control 13 March 2012
141	13 - 7, 7, 7, 7 8, 9, 5* 8, 8, 8	5.0	23 12.8	$\begin{array}{c} 4\\ \underline{4}\\ \underline{3}\\ \underline{3}\\ \underline{3} \end{array}$	1.6, 1.6, 1.8, 1.5 -,-,-,- 2.0, 1.8, 1.5, 1.5 1.8, 2.0, 1.5 2.4, 2.2, 2.3	Reharvested 8 March 2010 *Pup still in the process of emerging. Reharvested 13 March 2012
142	13 - 6, 6, 6, 6	6.4	62	- - 4	nd nd 2.6, 1.3, 1.1,	Tag not found, plant not found. Tag not found, plant

	0776			1	1.0	not found
	8,7,7,6 6,6,5,6			$\frac{4}{4}$	$ \begin{array}{c} 1.2\\ 2.0, 2.0, 2.0, 2.0, \end{array} $	not found.
	0,0,5,0			<u> </u>	3.3	
						New control 13 March
					, , , ,	2012
						Tag not found, plant
						not found.
	13	6.3	51	-	nd	Tag not found, plant
143	-			_	nd	not found.
	8, 8, 7			$\frac{3}{3}$	2.9, 2.7, 2.6	Reharvested 8 March
	7,9,7 8,7,7		22.2	$\frac{3}{3}$	1.7, 2.8, 2.1 3.1, 2.6, 2.0	2010
	0,7,7		22.2	<u>5</u>	5.1, 2.0, 2.0	Reharvested 13 March
						2012
		2.0	22	2	10.10	
	5	3.9	23	2	1.0, 1.0 1.4, 1.3	
144	6,6			<u></u> 2	0.9, 1.0	
	6,6			$\frac{2}{2}$ $\frac{2}{2}$ $\frac{2}{2}$	2.0, 2.0	
	7,6			2	2.2, 2.1	New control 13 March
						2012
	5	3.5	11	1	1.4	
		2.2			1.5	Reharvested 8 March
145	5			1	1.4	2010
	7			$\frac{1}{1}$ $\frac{1}{1}$	1.6	
	6		4.3	<u>1</u>	2.1	Reharvested 13 March
						2012
	13	5.9	37	2	1.8, 1.6	
146	-			<u>2</u>	2.0, 1.9	
110	7,8			$\frac{2}{2}$	2.2, 2.3	
	8,9			$\frac{\frac{2}{2}}{\frac{2}{2}}$	2.8, 2.8	New control 13 March
	7,8			<u>∠</u>	3.0, 2.9	2012
					1.0, 1.4, 1.4,	
	13	5.7	34	4	1.8	
147	_			$\frac{4}{4}$	1.5, 1.5, 2.0, 2.0	Reharvested 8 March
14/	7,7,7,6				1.7, 1.5, 1.7,	2010
	8, 8, 8		10.5	$\frac{3}{3}$	1.2	
	7,6,6		10.5	<u>3</u>	1.1, 1.5, 1.8	Reharvested 13 March 2012
					2.1, 1.6, 2.0	
	13	6.8	54	1	2.5	
148					3.4	
140	7			<u>1</u>	3.2	
	7			$\frac{1}{1}$ $\frac{1}{1}$	4.1	New control 13 March
	8			<u>1</u>	4.5	<u>2012</u>
					1.8, 1.1, 1.0,	
	13	6.7	51	6	0.9, 1.1, 1.8,	
149				$\frac{6}{6}$	2.1, 2.0, 1.9,	Reharvested 8 March
	8x3,7x3			$\frac{b}{2}$	1.4, 2.0, 2.0	2010 *Deformed.
	7,8*		16	$\frac{\underline{6}}{\underline{6}}$ $\frac{\underline{2}}{\underline{2}}$	2.9, 1.7, 1.9, 1.9, 1.7, 2.4	*Deformed. Reharvested 13 March
	/,/		10	<u> </u>	2.3, 2.4	2012
1					2.2, 2.7	<u>=v1</u>

					3.0, 2.7	
150	5 - 6,7 8,7 6,6	2.9	9	$\begin{array}{c} 2\\ \underline{2}\\ \underline{2}\\ \underline{2}\\ \underline{2}\\ \underline{2}\\ \underline{2}\\ \underline{2} \end{array}$	1.3, 1.3 1.4, 1.4 1.0, 1.2 2.3, 2.3 2.8, 2.8	New control 13 March 2012



Regrowth study site showing typical Tamaulipan thornscrub vegetation