



Cactus Conservation Institute

Peyote post-harvest regrowth – Late harvest adjunct group

Summary of our observations in 2012

Concerning data on regrowth involving multiple pups:

- 1) There is not necessarily a direct 1:1 correspondence between sequential figures for individual pups within a single plant.
- 2) It was not uncommon for some or all pups to be partly or entirely covered with soil so some photos may reflect the pre-uncovery state.

Images of the tags can be viewed in a separate downloadable file of Tag Images. Images of the actual plants can be viewed using the Full Image File or in the File labeled Late Harvest Adjunct Images. The following 20 plants (#201-220) were harvested during the November 2008 monitoring to make up for what were then believed to be lost plants from the original group of 50 harvested individuals. The March 2009 data below followed a severe drought that lasted throughout the winter and into the spring, up through the date of the March monitoring. 2011 and 2010 were also years with prolonged drought periods.

nd – No data.



Untouched *Lophophora williamsii* at the regrowth study site

Plant No. Tag IMG	Regrowth as number of pups (Links to images)	Diameter of pups (cm)	Comments
		7 March 2009 6 March 2010 15 March 2011 13 March 2012	
201	0 2 2 1	<i>nd</i> 2.2, 1.2 2.3, 1.5 2.5	
202	0 2 2 3	<i>nd</i> 2.3, 2.1 3.0, 3.0 5.0, 3.5, 3.5	Larger 3rd crown that was present is a sister to the harvested plant. Largest is apical meristem regrowth.
203	0 3 3 0	<i>nd</i> 2.5, 1.5, 1.5 3.5, 3.0, 4.0 <i>nd</i>	
204	0 2	<i>nd</i> 2.8, 1.9	

204	2 2	4.0, 2.6 4.2, 3.0	
205	0 0 0 0	<i>nd</i> <i>nd</i> <i>nd</i> <i>nd</i>	Carcass found.
206	1 1 0 0	2.0 1.8x1.0 <i>nd</i> <i>nd</i>	Apical meristem regrowth. Crown mostly eaten; fragmentary remains. No sign remaining.
207	0 2 1 1	<i>nd</i> 3.0, 2.0 4.2 4.0	
208	- - - -	<i>nd</i> <i>nd</i> <i>nd</i> <i>nd</i>	Plant not found. Evidently uprooted by feral hogs. Hogs. Plant still not found. Stake was dug up by hogs. Plant not found. Plant or carcass still not found.
209	0 2 2 2	<i>nd</i> 2.5, 1.6 4.0, 2.8 4.1, 3.0	
210	0 1 1 1	<i>nd</i> 3.3 3.8 3.6	Plant mistakenly thought dead in 2009 causing missed data. Sister of the harvested plant is still alive.
211	0 0 1 1	<i>nd</i> <i>nd</i> 4.2 4.2	Sister of the harvested plant is still alive.

212	0 0 0 0	<i>nd</i> <i>nd</i> <i>nd</i> <i>nd</i>	New seedling found nearby (5 mm dia.); not part of study group.
213	0 <i>nd</i> (1) 0 0	<i>nd</i> <i>nd</i> (<i>nd</i>) <i>nd</i> <i>nd</i>	Hog activity evident. (Entry updated: 2010 July 26.) No carcass located.
214	0 4 4 3	<i>nd</i> 1.8, 1.5, 1.0, 0.5 2.7, 1.3, 2.0, 2.7 2.7, 3.0, ~2.0	One crown stepped on. Third crown was stepped on so only roughly measured.
215	0 1 2 2	<i>nd</i> 3.0 3.5, 5.0 4.8, 4.5	Unharvested twin also present.
216	0 2 1 0	<i>nd</i> 1.1, 1.5 0.8 <i>nd</i>	Almost dead. Dry.
217	0 3 3 3	<i>nd</i> 1.5, 1.9, 1.0 3.2, 2.8, 2.5 3.3, 2.8, 2.2	Smallest one somewhat chewed on.
218	0 0 1 2	<i>nd</i> <i>nd</i> 2.2 2.5, 2.1	Sister of the harvested plant is still alive. Twin is still alive and well.
219	0 2 2 2	<i>nd</i> 2.5, 2.9 4.0, 3.5 3.9, 3.5	
220	0	<i>nd</i>	

	2	3.0, 2.5	No rebar. Nail uprooted; moved ~30 cm from plant.
	2	3.4, 3.6	
	2	3.7, 3.9	