



Use BLOCK CAPITALS

Complete all fields.

Circle relevant descriptions shown in *italics*.

MSB Serial Number:

NRCS PLANTS Code:

Cleaning Facility:

Date(s) Collected (DD/MM/YY): 9/5/09

Seed Collection Reference Number: CA690-009

Collector(s): Thompson, Erin &amp; Stewart, Thom

Country: USA

Ecoregion (T,O,B): 14E

State: CA

County: San Bernardino

Location Details: Kingston Range, along Excelsior Mine Rd

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):

35°46'31.0" N

GPS Used?:

Yes No

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W):

115°54'56.9" W

GPS Datum:

NAD83 NAD27 WGS84 Other:

Elevation (feet): 4990

Landowner Details (Permission?):

BLM, yes

## HABITAT DATA

Habitat, Associated Species &amp; Ecological Site Descriptor:

*Coleogyne ramosissima* dominant, with *Yucca schidigera* and *Ericameria nauseosa* present. Site very disturbed area along road

Modifying Factors:

Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form:

Slope°:

15°

Land Use:

Aspect:

N NE E SE S SW W NW

Geology:

Soil Texture:

Clay Silt Sand Other:

Soil Color:

## COLLECTION DATA - If plant has been identified by a specialist, please see other side.

Family: Schrophulariaceae

No. of Plants Sampled (min. 50): 156

Genus: *Penstemon*

No. of Plants Found (approx.): 300

Species: *palmeri*

Area Sampled (acres): 5

Subspecies/Variety:

Seeds Collected From:

Plants Ground Both

Plant Habit:

Tree Shrub **Forb** Succulent Grass/Grasslike

Plant Height (feet):

3

Native plant materials development and research this accession will be used for:

Native plant materials restoration

9/15

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species):

Plant has sub-woody, branched stems with oblong, grayish green leaves which ascend the stalk in fused pairs. Each stem has bilaterally symmetrical flowers mostly turned to one side in a long, narrow cluster. Flowers spikes can reach 4-5 ft. in height and bear a profusion of large, white flowers tinged with pink.

Common Name(s) of Plants:

Palmer's penstemon; Palmer's beardtongue

Photograph Taken:

Digital 35mm

Reference  
(PLANTS Code\_Coll.  
Number\_Pic. No.):

Where Image will be Filed:

# Seed Test/Packaging Record

SOS-CA690-009

PEPA8-SOS-CA690-009-09

Penstemon palmerii

Palmer's penstemon

BLMS

1.17 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	5-01-10
OSU Sample Taken	# of pounds	AC
	.229	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	77	ENTERED
Moisture Content	5.21	
Seed Count	432,000	
GERM	— TZOSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	99	or NOXIOUS WEED only ___

MOISTURE CONTENT (use one of three methods below)									
**Dole Meter**			**Moisture Analyzer**			**HygroPalm**			
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.	Time	Air Temp	ERH	M.C.
								23.7	5.2

X-Ray Results
77 % Filled
Results from 100 Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. of Sample: _____ gms	Wt. of All Impurities: _____ gms
Wt of Impurities: _____ gms	Wt. of Clean Seed _____ gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \frac{\sim 99}{\text{u}}$ %
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND	** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable
Weight to three decimal places, when possible	
Wt. of 5 reps of 100 seeds each (in grams)	Difference between max & Min wt. _____ 10% of average _____
.103    .106	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
TOTAL of ALL Reps: _____	To calculate M seed wt, take Total of 5 samples times 2.
Average: _____	2 x Total of 5 reps = $\frac{1.05}{\text{u}}$ = 1000 seed wt.
	Seeds per Pound = $\frac{432,000}{\text{u}}$

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			.298

beg bal -298  
WRPIS - .031 10,000  
New bal .267

SEED TRANSFER Log Number _____			
Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
5-1-10	1050		226-test	AC
		1130	2270-pkg	AC

ID card file sample
Inventory Card Completed

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_