



Use BLOCK CAPITALS

MSB Serial Number: 

Complete all fields.

NRCS PLANTS Code: Circle relevant descriptions shown in *italics*.Cleaning Facility: Date(s) Collected (DD/MM/YY): Seed Collection Reference Number: Collector(s): Country: Ecoregion (L,O,B): State: County: 

Location Details:

From Denver, take I-70 W to exit #2 'Rabbit Valley' (236 miles from state office). Turn left and follow Kokopelli Trail onto BLM Land 0.5 miles until the dirt road turns to the left (still called Kokopelli Trail). Follow dirt road 2.5 miles and collection site is on southfacing slopes of mesas.

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): GPS Used?:  Yes  No

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): GPS Datum:  NAD83  NAD27  WGS84  Other:Elevation (feet): Landowner Details (Permission?): **HABITAT DATA**

Habitat, Associated Species &amp; Ecological Site Descriptor:

Associated species: *Polygala subspinosa*, *Sarcobatus vermiculatus*, *Opuntia* sp., *Atriplex confertifolia*, *Achnatherum hymenoides*, *Ericameria nauseosa*, *Sphaeralcea coccinea*, *Pleuraphis jamesii*, *Eriogonum inflatum*, *Sclerocactus parviflorus*, *Lygodesmia grandiflora*, *Juniperus osteosperma*

Modifying Factors:

Mowed  Burned  Grazed  Flooded  Seeded  Trampled  Other:

Land Form: Slope°: Land Use: Aspect:  N  NE  E  SE  S  SW  W  NWGeology: Soil Texture: Soil Color: **COLLECTION DATA - If plant has been identified by a specialist, please see other side.**Family: No. of Plants Sampled (min. 50): Genus: No. of Plants Found (approx.):   
*1 cloth 0.325#*Species: Area Sampled (acres): Subspecies/Variety: Seeds Collected From:  Plants  Ground  BothPlant Habit:  Tree  Shrub  Forb  Succulent  Grass/GrasslikePlant Height (feet): 

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

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

Leaves parallel veined; Flower parts in 3s; herbaceous; Leaves linear, alternate; Flower white or rose, with a prominent gland of colored hairs; Petal gland circular and surrounded by a continuous membranous margin; Petal hairs simple, not branched nor enlarged. Flowers white to deep rose, with a reddish-brown or purple band or spot above the gland. Weber, W.A. and Whittmann, R.C. 2001. *Colorado Flora: Western Slope*. 3<sup>rd</sup> Ed. Boulder: University Press of Colorado.

Common Name(s) of Plants:

Mariposa lily *Sequoia lily*

Photograph Taken: Reference  
(PLANTS Code\_Coll.  
Number\_Pic. No.): Where Image will be Filed:

# Seed Test/Packaging Record

**SOS-CO932-170**

CANU3-SOS-CO932-170-09  
Calochortus nuttallii  
sego lily  
BLMS .28 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	4-6-2010 AC
OSU Sample Taken	# of pounds	
	.763g	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	92	 <b>ENTERED</b>
Moisture Content	6.0%	
Seed Count	124,900	
GERM	___ TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___	
PURITY	97% 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.
								27.9	5.0

X-Ray Results
92 % 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: <u>-060</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>2.196</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>2.256</u> gms
• Inerts <u>-06</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>97</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).	
<u>.366</u> <u>.360</u> _____	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
Average: _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = <u>3.63</u> = 1000 seed wt.
	Seeds per Pound = <u>124,900</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>			<u>.060</u>

beg. bal .060  
WRPIS ALL ~6,600  
New bal 0

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

DATE	Start	Stop	Process	Initials
4-6-10	1315		226-test	AC
		1350	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

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