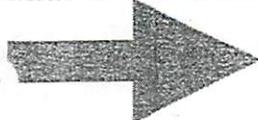


Tests: X-Ray, Moisture Content, Purity, Seed/Pound, TZ Test.  
Store at Bend

APPENDIX 2. BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 2003)



Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold.

NRCS PLANTS Code: ~~CAMAS~~

Please circle relevant descriptions shown in *italics*.

canu3

Date Collected (DD/MM/YY): 19/07/04

Seed Collection Reference Number: ID075-048

Collector(s): HILARY SCHOENDORF, DAVID HORDLIK, BRYAN SIMON

Country: USA Ecoregion: COLUMBIA PLATEAU State: ID County: BUTTE

Location Details: JUST NORTH OF BIG SOUTHERN

Lat. (dg/min/sec): N 43° 25' 00" GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec): W 113° 00' 54" GPS Datum: NAD83 NAD27 WGS84 Other:

Elevation (feet): 5415 Landowner Details (Permission?): BLM (YES)

HABITAT DATA

Habitat & Associated Species: SHALLOW GRAVEL SOIL, SOMEWHAT LOW COVER. ASSOCIATES: ARTEMISIA ARBUSCULAS, PSEUDOROGNERIA SPICATA, ERIGONUM OVAZIFOLIUM, LOMATIUM FOENICULACEUM, ANTENARIA DIMORPHA, LOMATIUM TRITERNATUM

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: RHYOLITE DOME Slope: 45°

Land Use: LIVESTOCK GRAZING (LIGHT IF ANY) Aspect: N NE E SE S SW W NW

Geology: RHYOLITE DOME

Soil Texture: Clay Silt Sand Other: Soil Color: DARK BROWN

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

Family: LILIACEAE No. of Plants Sampled: 350

Genus: CALOCHORTUS No. of Plants Found (approx.): 500-5000

Species: ~~MACROCARPUS~~ nuttallii Area Sampled (acres): 1 x 1

Subspecies/Variety:

Seeds Collected From: Plants Ground Both Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet): 1ft

Does the pressed specimen have the same reference as the seed collection?: Yes No

If not, enter details of collector, reference, where lodged, and date collected:

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

Common Name(s) of Plants: sagebrush manifosa lily seagull lily

Photograph Taken: Digital 35mm Reference: Where Image will be Filed: CD

# Seed Test/Packaging Record

SOSID-07504-14

*Canu3*  
~~SNWC~~ SOSID-075-048-04  
 Calochortus macrocarpus *muttallii*  
 Sagebrush manposia lily  
 SNWC 215 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
		10-27-09
OSU Sample Taken	# of pounds	
	0.47g	
Sample Sent	(Y) / N	

*TZ*

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	86%	
Moisture Content		
Seed Count	235,020	
GERM	TZ OSU	Strat Time: NC 4C 8C 13C
PURITY	94%	or NOXIOUS WEED only

MOISTURE CONTENT (use one of two methods below)					
**Dole Meter**			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.

X-ray Results
86% 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>.013</u> gms
Wt. Of Impurities:	Wt. Of Clean Seed <u>1.93</u> gms
* Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds) <u>2.06</u> gms</b>
* Inerts _____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \underline{94}\%$
* Weeds _____ gms	
* Noxious _____ gms	

SEEDS PER POUND	***NOTE: If difference between max and min is less than 10% of average of 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 _____
<u>.193</u>	
TOTAL of ALL Reps _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
Average <u>.193</u>	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = $\frac{1.93}{1000} = 1000 \text{ seed wt.}$
	Seeds per Pound = <u>235,020</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.116		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.			0.116

POSTED

Transaction Fee:
Seedbank Location

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

DATE	Start	Stop	Process	Initials
10-27-09	1310		226-test	AC
		1335	2270-pkg	AC

<input checked="" type="checkbox"/> Done	ID card file sample	YES!
	Regional Office ID file	

POSTED TO: Lot Completion Logbook  Computer NMIS \_\_\_\_\_ Inventory Card  Y \_\_\_\_\_ NA

The identification of plant SOSID-07504-14 is incorrect. The correct name of the plant should be sego lily (*Calochortus nuttallii*).

Cleve Butch Davis  
Botanist  
Pocatello Field Office  
4350 Cliffs Drive  
Pocatello Idaho 83204  
(208) 478-6344

update  
NMS

canu 3 ✓

