



MSB Serial Number: _____
NCRS PLANTS Code: _____
Storage Facility: Bend
Date Collected: 19 AUG 2009
Seed Collection Reference Number: NV030-NV030-270
Collector(s): Miceli, D.; Mausert-Mooney, C.; McCoy-Sulentic, M.
POLYGONACEAE
Eriogonum umbellatum

Country: United States Ecoregion: 12, Sierra Nevada
State: California County: Alpine
City/Town/Park: Humboldt-Toiyabe National Forest Geographic Area: Monitor Pass
Location Details: Take hwy 89 east from markleeville up monitor pass. Park next to highway on dirt pull off overlooking meadow and road below. the collection site is the area below the road
Lat. (dg/min/sec): 38° 40' 11.3" N Long. (dg/min/sec): 119° 39' 7.84" W
GPS: WGS84

Landowner Details (Permission): National Forest Service
Altitude: 1887 M

Associated Species: *Artemisia tridentata*, *Lupinus sp.*, *Elymus elymoides*, *Juniperus occidentalis*, *Purshia tridentata*, *Chrysothamnus viscidiflorus*, *Pinus jeffreyi*, *Aster spp.*, *Bromus tectorum*, *Leymus sp.*, *Allium sp.*

Habitat: shrub, shrub

Modifying Factors: None

Land Form: mountain

Aspect: 230 SW

Land Use: recreation

Slope: 20°

Geology: Andesite, Basalt

Soil: Sandy Loam

No. of Plants Sampled and Misc.: 500 plants sampled

No. of Plants Found: ca 1500

Area Sampled: 15 A

Seeds Collected From: seed - many individuals, plant

Description: yellow flowers, tinged red with age. Umbell flower stalks stand above shrub base. Total height about 1'.

Common Name(s): #

Photograph (to be send electronically to SOS National Office) file name:

ERUM-NV030-270-A, ERUM-NV030-270-B, ERUM-NV030-270-C

Identification

David Miceli - BLM, in field, 8-19-2009

Herbarium Vouchers

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

No. of Herbarium Vouchers: 4

- All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
- One duplicate will be sent to _____ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
- All herbarium duplicates will be sent to _____ herbarium that has agreed to arrange labeling, verification and distribution.

9/2

2900

4.221
- .300

3.920#

Seed Test/Packaging Record

SOS-NV030-270

ERUM-SOS-NV030-270-09
 Eriogonum umbellatum
 sulphur-flower buckwheat
 BLMS 3.92 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	✓	12/30/09
OSU Sample Taken	# of pounds	
	0.69	AC
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	92.1	REMARKS ENTERED
Moisture Content	5.4	
Seed Count	157,500	
GERM	—	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	95.6	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.
						—	70	252	5.4

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>0.078</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>1.728</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>1.806</u> gms
• Inerts <u>0.078</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{95.6} \%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

Weight to three decimal places, when possible
 Wt. of 5 reps of 100 seeds each (in grams).

0.287 0.289 _____

TOTAL of ALL Reps: _____

Average: _____

** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable

Difference between max & Min wt. _____ 10% of average _____

NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = 2.88 = 1000 seed wt.

Seeds per Pound = 157,500

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	0.126		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			0.126

beg. bal. 0.126
 WRPIS - 0.073 # 10,000
 New Bal = 0.053

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

DATE	Start	Stop	Process	Initials
12/30/09	1010		226-test	AC
		1055	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____