SEEDS OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: EREL5
Storage Facility: Bend
Date Collected: 07 OCT 2009
Seed Collection Reference Number: NV030-294
Collector(s): Robinson, G., Rivas, C., Mausert-Mooney, C.
POLYGONACEAE
Eriogonum elatum

Country: United States **Ecoregion**: 11, Great Basin
State: Nevada **County**: Washoe
City/Town/Park: # **Geographic Area**: Red Rock Area
Location Details: Travel 395 N past Reno and take exit 83 right on Village road. Travel approximately two miles and take a left on New Forest road and follow off pavement for approximately 2 miles into canyon on east side of the Peterson mountain range.
Lat. (dg/min/sec): 39° 44' 48.6" N **Long. (dg/min/sec)**: 119° 57'43.4" W
GPS: NAD83
Landowner Details (Permission): BLM
Altitude: 1767 M
Associated Species: *Tetradymia canescens,Artemisia tridentata,Ephedra viridis,Elymus elymoides,Achnatherum hymenoides,Lygodesmia spinosa,Agropyron cristatum,Prunus andersonii,Wyethia mollis,Bromus tectorum,Eriogonum baileyi,Chrysothamnus viscidiflorus,Balsamorhiza sagittata*
Habitat: shrub/meadow, sagebrush/ perennial grass
Modifying Factors: road,fire
Land Form: foothills **Aspect**: 174
Land Use: grazing **Slope**: 4 degrees°
Geology: Grandodiorite and Quartz Monzonite
Soil: Sandy Loam, 10YR 4/2 dry; 10YR 3/1 moist
No. of Plants Sampled and Misc.: 400 plants sampled
No. of Plants Found: ca 2500
Area Sampled: 15 A
Seeds Collected From: seed - many individuals, plant
Description: basal rosette, no cauline lvs; tall with long hollow branches dividing into threes
Common Name(s): tall woolly buckwheat
Photograph (to be send electronically to SOS National Office) file name:
EREL5-NV030-294-A,EREL5-NV030-294-B,EREL5-NV030-294-C
Identification
Mausert-Mooney, C. -BLM,in field,10-7-09
Herbarium Vouchers
Does the pressed specimen have the same reference as the seed collection? Yes No
No. of Herbarium Vouchers: 4 Vouchers Taken

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

Seed Test/Packaging Record

PRIORITY

SOS-NV030-294

EREL5-SOS-NV030-294-09
Eriogonum elatum
tall woolly buckwheat
BLMS .67 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	0	12/18/09 AC
OSU Sample Taken	# of pounds .49	
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 89%
Moisture Content 6.2%
Seed Count 190,500

REMARKS ENTERED

GERM ___ TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY 92.4% 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.
						—	69°	30%	6.2

X-Ray Results

89 % Filled

Results from 100 Seed X-Ray

PURITY (Use OSU sample chart to determine wt. of sample)

Wt. of Sample: _____ gms
Wt of Impurities:
- Crops _____ gms
- Inerts .429 gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .429 gms
Wt. of Clean Seed 5.214 gms
TOTAL (Impurities + Clean Seeds) 5.643 gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 92.4 %

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).

.230 .244 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

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

NOTE: Seeds/Pound = 453600 / 1000 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 = 2.38 = 1000 seed wt.
Seeds per Pound = 190,500

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.092	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.092

ENTERED

beg bal .092
WRPIS 10,000 .065
NEW BAL = .027

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12-18-09	0900		226-test	AC
		0945	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____