

SEEDS



OF SUCCESS

MSB Serial Number: _____
 NCRS PLANTS Code: ERHE
 Storage Facility: Bend
 Date Collected: 30 JUL 2009
 Seed Collection Reference Number: NV030-263
 Collector(s): #
POLYGONACEAE
Eriogonum heermannii

Country: United States Ecoregion: 11, Great Basin
 State: Nevada County: Washoe
 City/Town/Park: # Geographic Area: White Horse Canyon
 Location Details: From Wadsworth, NV take highway 447 N for 3 miles. Turn left onto dirt road and follow powerlines to White Horse Canyon to collection site.
 Lat. (dg/min/sec): 39° 42' 12" N Long. (dg/min/sec): 119° 21' 56" W
 GPS: WGS84

Landowner Details (Permission): BLM
 Altitude: 4544 FT

Associated Species: *Artemisia tridentata*, *Chrysothamnus linifolius*, *Bromus tectorum*, *Ephedra viridis*, *Juniperus osteosperma*, *Grayia spinosa*, *Elymus elymoides*, *Prunus andersonii*

Habitat: Shrubland, Sage, Rabbit Brush

Modifying Factors: None

Land Form: Canyon Aspect: E

Land Use: Recreation, Livestock Grazing

Slope: 3°

Geology: #

Soil: Sandy Loam, 10YR 6/2; 3/2 moist

No. of Plants Sampled and Misc.: 80 plants samped

No. of Plants Found: ca 100

Area Sampled: 20 A

Seeds Collected From: seed - many individuals, plant

Description: Low growing shrub

Common Name(s): Heermann's buckwheat

Photograph (to be send electronically to SOS National Office) file name: ERHE-NV030-263-

A,ERHE-NV030-263-B,ERHE-NV030-263-C

Identification

Tonenna, D. - BLM, In Field, 7-29-09

Herbarium Vouchers

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

No. of Herbarium Vouchers: 4 Vouchers Taken

- 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.

By default, besides any herbaria mentioned above, one specimen will be sent to Kew and one to the Smithsonian. If you would like to request that additional specimens be sent to regional and/or local herbaria, please fill in the following information:

1groc 8/4/09
 1.086
 - .151
 935#

Seed Test/Packaging Record

SOS-NV030-263

ERHE-SOS-NV030-263-09
Eriogonum heermannii
Heermann's buckwheat
BLMS .935 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	2-16-10
OSU Sample Taken	# of pounds	AC
	.29	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU	
100 Seed X-ray	90%
Moisture Content	6-1
Seed Count	458,000
REMARKS	
GERM <u> </u> TZ <u>OSU</u> Strat Time: NC <u> </u> 4C <u> </u> 8C <u> </u> 13C <u> </u>	
PURITY <u>90%</u> or NOXIOUS WEED only <u> </u>	

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.
								29.2	6-1

X-Ray Results
90 % 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>.036</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>.309</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>.345</u> gms
• Inerts <u>.036</u> gms <i>flower parts</i>	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{90} \%$
• 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>.103</u> <u>.095</u> _____	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{1000}$ (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>.99</u> = 1000 seed wt.
	Seeds per Pound = <u>458,000</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	
TOTAL Wt.			<u>.011</u>

beg bal .011
WRPIS - ALL ~ 4,000
New bal ⊕

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

DATE	Start	Stop	Process	Initials
2-16-10	1015		226-test	AC
		1050	2270-pkg	AC

OK	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS