

SEEDS



OF SUCCESS

MSB Serial Number: _____

NCRS PLANTS Code: ERNI4

Storage Facility: Bend

Date Collected: 19 NOV 2009

Seed Collection Reference Number: NV030-318

Collector(s): Mausert-Mooney, C., Rivas, C.

POLYGONACEAE

Eriogonum nidularium

Country: #

Ecoregion: 11, Great Basin

State: Nevada

County: Lyon

City/Town/Park: #

Geographic Area: Churchill Canyon

Location Details: From Silver Springs Drive south on Alt 95. Turn right on dirt road that lead into Churchill Canyon after approximately 30 miles. After Go 1/2 a mile turn left and go over railroad tracks. Turn right at the power lines follow dirt road for approximately 1

Lat. (dg/min/sec): 39° 09' 21" N **Long. (dg/min/sec):** 119° 15'02" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 4344 FT

Associated Species: *Pectis papposa*, *Salsola kali*, *Eriophyllum sp.*, *Sarcobatus vermiculatus*, *Bromus tectorum*, *Atriplex confertifolia*, *Eriogonum deflexum*, *Halogeton glomeratus*

Habitat: Desert foothills, Desert Scrub

Modifying Factors: None

Land Form: Foothills

Aspect: All

Land Use: Recreation

Slope: 11°

Geology: Alluvium and Mass Wasting

Soil: Sand, 7.5YR 6/3; 5/3 moist

No. of Plants Sampled and Misc.: ca. 400 plants collected

No. of Plants Found: ca 2000

Area Sampled: 30 A

Seeds Collected From: seed - many individuals, plant

Description: small herbaceous buckwheat. ca 5-8in. flowers small and red.

Common Name(s): #

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

ERNI4-NV030-318-A

Identification

Koski, M. - BLM

Herbarium Vouchers

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

No. of Herbarium Vouchers: Four 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.

Seed Test/Packaging Record

SOS-NV030-318

ERNI4-SOS-NV030-318-09
 Eriogonum nidularium
 birdnest buckwheat
 BLMS 2.8 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	2/23/10
OSU Sample Taken	# of pounds	AC
	0.066g	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	95%	ENTERED
Moisture Content	6.3%	
Seed Count	1,487,000	
GERM ___ TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY <u>91%</u> 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.
								31.0	6.3

X-Ray Results
95 % 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>0.021</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>0.219</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>0.24</u> gms
• Inerts <u>0.021</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{91} \%$
• 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).	Difference between max & Min wt. _____ 10% of average _____
<u>0.030</u> <u>0.031</u> _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
TOTAL of ALL Reps: _____	To calculate M seed wt, take Total of 5 samples times 2.
Average: _____	2 x Total of 5 reps = <u>0.305</u> = 1000 seed wt.
	Seeds per Pound = <u>1,487,000</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>1.155</u>

bag bal 1.155
 WRPIS 0.008 # 10,000
 New bal 1.147 #

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

DATE	Start	Stop	Process	Initials
2-23-10	1025		226-test	AC
		1105	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS