



MSB Serial Number: _____
NCRS PLANTS Code: ERNI4
Storage Facility: Retained by Chicago Botanic Garden
Date Collected: 24 NOV 2009
Seed Collection Reference Number: NV030-321
Collector(s): Miceli, D.; Rivas, C.; Mausert-Mooney, C.
POLYGONACEAE
Eriogonum nidularium

Country: # **Ecoregion:** 11, Great Basin
State: Nevada **County:** Washoe
City/Town/Park: Wadsworth **Geographic Area:** River Valley
Location Details: Take James Ranch Road in Wadsworth, Nevada to the very end of the road and park at residence. Request permission for access. Walk north to Truckee River.
Lat. (dg/min/sec): 39° 39' 4.19" N **Long. (dg/min/sec):** 119° 17'2.29" W
GPS: NAD83
Landowner Details (Permission): Private
Altitude: 4014 FT
Associated Species: *Populus fremontii*, *Salix exigua*, *Centaurea diffusa*, *Mentzelia laevicaulis*, *Eriastrum diffusum*
Habitat: Riparian-xeric transition zone, #
Modifying Factors: none
Land Form: Floodplain **Aspect:** NE
Land Use: Private **Slope:** 2°
Geology: alluvium and mass wasting
Soil: Sand Gravel
No. of Plants Sampled and Misc.: #
No. of Plants Found: > 500
Area Sampled: 3 A
Seeds Collected From: seed - many individuals, plant
Description: Reddish plant
Common Name(s): birdnest buckwheat
Photograph (to be send electronically to SOS National Office) file name: #

Identification

Tonnena, D. -BLM, In Field, 21 OCT 2008

Herbarium Vouchers

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

No. of Herbarium Vouchers: #

- 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-NV030-321

ERNI4-SOS-NV030-321-09
Eriogonum nidularium
birdnest buckwheat
BLMS 7.8 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	2-17-10 AC
OSU Sample Taken	# of pounds	
	0.069	
Sample Sent	(Y) / N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	89%	
Moisture Content	6.0	
Seed Count	1,564,100	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	90%	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.
								28.2	6.0

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 All Impurities: <u>0.018</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>1.59</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>1.77</u> gms
• Inerts _____ gms	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).	Difference between max & Min wt. _____ 10% of average _____
<u>0.029</u> <u>0.028</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>0.29</u> = 1000 seed wt.
	Seeds per Pound = <u>1,564,100</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>0.020</u>

bag bal 0.020
WRPIS -0.008 10,000
New bal = 0.012

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

DATE	Start	Stop	Process	Initials
2-17-10	1350		226-test	AC
		1435	2270-pkg	AC

<input checked="" type="checkbox"/>	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____