

SEEDS



MSB Serial Number: _____
NCRS PLANTS Code: ERFA2
Storage Facility: Bend
Date Collected: 17 JUN 2008
Seed Collection Reference Number: AZ930-252
Collector(s): Johnson, J., King, M.
POLYGONACEAE

Eriogonum fasciculatum

Country: United States Ecoregion: 23, Sonoran Desert
State: Arizona County: Yavapai
City/Town/Park: Agua Fria National Monument Geographic Area:
Location Details: Agua Fria National Monument. Bloody Basin Road, 2.3 miles east of junction
with interstate 17. Left side of the road.
Lat. (dg/min/sec): 34° 15' 58.9" N Long. (dg/min/sec): 112° 05' 35.0" W
GPS: NAD83

Landowner Details (Permission): BLM (yes)
Altitude: 3585 FT

Associated Species: *Prosopis velutina, Acacia greggii, Juniperus sp., Stephanomeria pauciflora, Opuntia engelmannii, Krameria erecta, Gutierrezia sarothrae, Lotus rigidus, Echinocereus engelmannii, Aristida sp., Bouteloua eriopoda*

Habitat: Semidesert Grassland

Modifying Factors: None

Land Form: Foothills

Aspect: All

Land Use: Multiple Use

Slope: 0-5°

Geology: Granitic

Soil: 7.5YR6/4

No. of Plants Sampled and Misc.: 50 plants sampled

No. of Plants Found: ca 150

Area Sampled: 0.25 MI

Seeds Collected From: seed - many individuals, plant

Description: Height: 2.5 Feet

Common Name(s): eastern Mojave buckwheat

Photograph (to be send electronically to SOS National Office) file name: ERFA2-AZ930-252-A, ERFA2-AZ930-252-B, ERFA2-AZ930-252-C

Identification

Johnson, J. - DES, In field, June 17, 2008

Herbarium Vouchers

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

No. of Herbarium Vouchers: 1 - sent to Smithsonian

- 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 _____ Smithsonian _____ 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:

Regional Herbarium:

[Empty box for Regional Herbarium information]

Local Herbarium:

[Empty box for Local Herbarium information]

Rec 6/25/08

1 grocery bag

0.790#

Seed Test/Packaging Record

SOSAZ-93008-15

ERFA2-SOSAZ-930-252-08
 Eriogonum fasciculatum
 Eastern Mojave buckwheat
 BLMS .79 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	1	2/17/09
OSU Sample Taken	# of pounds	AC
	.229	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	92.1	REMARKS ENTERED
Moisture Content	4.5%	
Seed Count	423,900	
GERM	—	TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	97%	or NOXIOUS WEED only ___

MOISTURE CONTENT (use one of two methods below)

Dole Meter			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °F	Time Used	% M.C.
			68°	20	4.5

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: .024 gms
Wt of Impurities:	Wt. of Clean Seed .87 gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) .864 gms
• Inerts .024 gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 97\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.105 .109

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 = 1.07 = 1000 seed wt.
 Seeds per Pound = 423,900

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.021		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.021

Transaction Fee: _____

Seedbank Location _____

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

DATE	Start	Stop	Process	Initials
2-17-09	1305		226-test	AC
		1345	2270-pkg	AC

	ID card file sample
	Inventory card completed

POSTED TO: Lot Completion Logbook Computer NMIS _____