

SEEDS



OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: CACI2
Storage Facility: Bend
Date Collected: 09 APR 2008
Seed Collection Reference Number: AZ930-237
Collector(s): Johnson, J., Gray, M.

PORTULACACEAE

Calandrinia ciliata

(Ruiz & Pav.) DC.

Country: United States Ecoregion: 23, Sonoran Desert
State: Arizona County: Maricopa
City/Town/Park: Tonto National Forest Geographic Area: Seven Springs
Location Details: Tonto National Forest. Seven Springs. Forest Road 24. Bronco Trail 245.
Lat. (dg/min/sec): 33° 55' 10.8" N Long. (dg/min/sec): 111° 50' 1.99" W
GPS: NAD83

Landowner Details (Permission): USFS (yes)

Altitude: 3970 FT

Associated Species: *Juniperus coahuilensis*, *Rhus ovata*, *Quercus turbinella*, *Opuntia engelmannii*, *Eriogonum wrightii*, *Bouteloua curtipendula*, *Hordium species*, *Erodium cicutarium*, *Microsteris gracilis*,

Habitat: Arizona Upland within Sonoran Desert Scrub

Modifying Factors: Burned, Grazed

Land Form: Hillside

Aspect: All

Land Use: Recreation

Slope: 0-20°

Geology: Basalt

Soil: Gray, Clay and Silt

No. of Plants Sampled and Misc.: 932 plants sampled.

No. of Plants Found: 3000

Area Sampled: 3 A

Seeds Collected From: seed - many individuals, plant

Description: Pink to white flowers. Height: 1-8"

Common Name(s): fringed redmaids

Photograph (to be send electronically to SOS National Office) file name: CACI2-AZ930-237-A, CACI2-AZ930-237-B, CACI2-AZ930-237-C

Identification

Johnson, J. - DES, In field, March, 24, 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:

Local Herbarium:

o ✓ protocol copied
o need ID card

can be weedy or invasive
(Florida)

0.200#

Rec 4/22/08
envelope

SOSAZ-93008-02

CACI2-SOSAZ-930-237-08
Calandrinia ciliata
fringed redmaids
BLMS .2P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	1	2/17/09
OSU Sample Taken	# of pounds	AC
	.095g	
Sample Sent	(Y/N)	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	78%	ENTERED
Moisture Content	too few	
Seed Count	996,000	
GERM	TZ OSU	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	99%	or NOXIOUS WEED only ___

MOISTURE CONTENT (use one of two methods below)

Dole Meter			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.
				too few seed	

X-Ray Results
78 % 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: _____ gms
Wt of Impurities:	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \sim 99\%$
• Weeds _____ gms	U clean
• Noxious _____ gms	

SEEDS PER POUND

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

.094 .097

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 = $\frac{453600}{1000}$ (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = .455 = 1000 seed wt.
Seeds per Pound = 996,000

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.045		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			.045

Transaction Fee: _____
Wait TZ results before pull for PPMC

Seedbank Location _____

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

DATE	Start	Stop	Process	Initials
2-17-09	1230		226-test	AC
		1305	2270-pkg	AC

got it
ID card file sample
inv card Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____