MSB Serial Number: _____
NCRS PLANTS Code: ERDI2
Storage Facility: Bend
Date Collected: 26 JUN 2007
Seed Collection Reference Number: AZ930-0217
Collector(s): Johnson, J., Gray, M.
POLEMONIACEAE
Eriastrum diffusum

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 Service Road 24. 0.2 miles west of junction with Forest Service Road 562.
Lat. (dg/min/sec): 33° 57'23.7" N **Long. (dg/min/sec)**: 111° 50'20.1" W
GPS: NAD83
Landowner Details (Permission): USFS (yes)
Altitude: 3517 FT
Associated Species: *Quercus turbinella,Rhus trilobata,Acacia greggii,Juniperus coahuilensis,Sphaeralcea ambigua,Glandularia gooddingii*
Habitat: Interior Chaparral,
Modifying Factors: Burned
Land Form: Hills **Aspect**: All
Land Use: Recreation **Slope**: 0°
Geology: Surficial Deposits
Soil: Tan and Gray, Silt
No. of Plants Sampled and Misc.: 100 plants sampled
No. of Plants Found: 300
Area Sampled: 1 A
Seeds Collected From: seed - many individuals, plant
Description: Height: 3"
Common Name(s): miniature woollystar
Photograph (to be send electronically to SOS National Office) file name: ERDI2-AZ930-0217-A,ERDI2-AZ930-0217-B
Identification
Johnson, J. - DES, In field, June, 26, 2007
Herbarium Vouchers
Does the pressed specimen have the same reference as the seed collection? **Yes** No
No. of Herbarium Vouchers: 1-sent to Smithsonian

Rec 7/2/07
1 gro
0.880
.150
0.730
in NMIS species list 7/5/07

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:

SOSAZ-93007-18

ERDI2-SOSAZ-930-0217-07
Eriastrum diffusum
miniature woollystar
SNWC .73 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	1	2-7-08
OSU Sample Taken	# of pounds .082	AC
Sample Sent	(Y) N	

Test Results: Both in-house and/or OSU

100 Seed X-ray 90
Moisture Content ___
Seed Count 1,225,900

REMARKS

GERM ___ TZ OSU Strat Time: NC___ 4C ___ 8C ___ 13C___

PURITY 96.6 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.
			Lot too small		

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 Impurities:
- Crops _____ gms
- Inerts _____ gms
- Weeds _____ gms
- Noxious _____ gms

Wt. of All Impurities: .033 gms
Wt. of Clean Seed .924 gms
TOTAL (Impurities + Clean Seeds) .957 gms

Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 96.6 %

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).

.037 .036 _____
_____ _____

TOTAL of ALL Reps: _____
Average: _____

Difference between max & Min wt. _____ 10% of average _____

NOTE: Seeds/Pound = 435600 / 1000 seed wt.

To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = .37 = 1000 seed wt.
Seeds per Pound = 1,225,900

ENTERED

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.144	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL Wt.	.144

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
2-7-08	0915		226-test	AC
		0940	2270-pkg	AC

done	need	ID card file sample
		Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____