BLM SEEDS OF SUCCESS FIELD DATA FORM (Revised 25 June 2003)

Please use BLOCK CAPITALS
Please complete all the priority fields labeled in **bold**.
Please circle relevant descriptions shown in *italics*.

MSB Serial Number:
NRCS PLANTS Code: ARFR

Date Collected (DD/MM/YY): 21/06/06 **Seed Collection Reference Number:** OR930-RC16

Collector(s): Ellen Kuhlmann, Wendy Gibble, Tula Salisbury, Nikki Whittle

Country: USA **Ecoregion:** Columbia Plateau **State:** WA County: Grant

Location Details: From I-90 travel on hwys 26 and 243 south about 4 miles. Look for an unsigned gravel road to the left. Pull in and park in turn around. Population is on both sides of road, but concentrated on the river side. Site is north of Wanapum Dam

Lat. (dg/min/sec): N 46/54/9.4 GPS Used?: *Yes* *No* If no, please see other side.

Long. (dg/min/sec): W 119/56/58.2 GPS Datum: *NAD83* *NAD27* *WGS84* *Other:*

Elevation (feet): 811 Landowner Details (Permission?): U.S. Bureau of Land Management/ Washington Department of Natural Resources (Yes)

HABITAT DATA

Habitat & Associated Species: Habitat: Basalt outcrops to adjacent sandy soil –species numbers greatest in sandy soil areas. Associated species: -Arenaria capillaris, Purshia tridentata, Eriogonum niveum, Zigadenus paniculatus, Phacelia linearis, Salvia dorrii, Artemisia rigida, Astragalus sp., Eriogonum microthecum, Oryzopsis hymenoides, Oenothera pallida v. pallida, Mentzelia dispersa, Eriogonum sphaerocephalum, Bromus tectorum, Agpropyron spicatum, Stipa comata, Artemisia tridentata, Chaenactis sp., Chrysothamnus nauseosus, Chrysothamnus viscidiflorus

Modifying Factors: *Mowed* *Burned* *Grazed* *Flooded* *Seeded* *Trampled* *Other:*

Land Form: Stream Terrace Slope°: 0-5

Land Use: recreation Aspect: *N NE E SE S SW W NW*

Geology: Columbia Plateau basalt

Soil Texture: *Clay* *Silt* *Sand* *Other:* Soil Color: beige

COLLECTION DATA - If plant has been identified by a specialist, please see other side.

Family: Caryophyllaceae **No. of Plants Sampled:** 184

Genus: Arenaria **No. of Plants Found (approx.):** >5000

Species: franklinii **Area Sampled (acres):** 10

Subspecies/Variety:

Seeds Collected From: *Plants* *Ground* *Both*

Rec 9/22

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* *Grass/Grasslike* Plant Height (feet): 0.25

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

If not, enter details of collector, reference, where lodged, and date collected:

0.200#

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species):

.045#

0.155#

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Common Name(s) of Plants:	Franklin's sandwort

Photograph Taken:	*Digital* *35mm*	Reference:	arfr.or930rc161.jpg	Where Image will be Filed:	Mary Byrne, Seeds of Success WA office

Seed Test/Packaging Record

SOSOR-93006-01

ARFR-SOSOR-930-RC16-06
Arenaria franklinii
Franklin's sandwort
SNWC .155 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags: 0	Date/Initials: 1-16-07 AC
OSU Sample Taken	# of pounds: .11g	
Sample Sent	(Y) / N	

Test Results: Both Inhouse and/or OSU

100 Seed X-ray: 93
Moisture Content: ___
Seed Count: 872,300
GERM ___ TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY 98% or NOXIOUS WEED only ___

REMARKS: ENTERED

MOISTURE CONTENT(use one of two methods below)

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

X-ray Results

93 % 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: ____ gms
Wt. Of Clean Seed ____ gms
TOTAL (Impurities + Clean Seeds) ____ **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = ~98 %
insect damage

SEEDS PER POUND

Weight to three decimal places, when possible
Wt. Of 5 reps of 100 seeds each (in grams).
.051 .052
TOTAL of ALL Reps _____
Average .052

***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.

Difference between max & min wt. ____ 10% of average ____

NOTE: Seeds/Pound = 453600
1000 seed wt.
To calculate M seed wt, take Total of 5 samples times 2.
2 x Total of 5 reps = .52 = 1000 seed wt.
Seeds per Pound = 872,300

ENTERED

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	0.006	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	0.006

Transaction Fee: _____

Seedbank Location

SEED TRANSFER Log Number _____

Date	Wt. Shipped	Ship via	Purpose/Remarks

DATE	Start	Stop	Process	Initials
1-16-07	1255		226-test	AC
		1320	2270-pkg	AC

✓	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ **Computer NMIS** _____ **Inventory Card** ___Y ___NA