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: ELPA4

Date Collected (DD/MM/YY): 07/07/05 **Seed Collection Reference Number:** AZ-930-0109R

Collector(s): S. HUNKINS, J. HELM, E. SMITH

Country: USA **Ecoregion:** APACHEHI **State:** AZ County: GILA

Location Details: PRESCOTT NATIONAL FOREST. RED ROCK SPRING, NEAR JUNTION OF HIGHLINE NATIONAL RECREATION TRAIL AND RED ROCK SPRING TRAIL

Lat. (dg/min/sec): N 34° 22.317' GPS Used?: ***Yes*** *No* If no, please see other side.

Long. (dg/min/sec): W 111° 44.120' GPS Datum: ***NAD83*** *NAD27* *WGS84* *Other:*

Elevation (feet): 6080 Landowner Details (Permission?): USFS (YES)

HABITAT DATA

Habitat & Associated Species: PETRAN MONTANE CONIFER FOREST: WETLAND MEADOW. WITH PINUS SP., JUNIPERUS DEPPEANA, EQUISETUM SP., LYTHRUM SP., POPULUS SP., JUNCUS MEXICANUS, JUNCUS ? FILIFORMIS, JUNCUS LONGISTYLIS, ACHILLEA MILLEFOLIUM

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

Land Form: HILLSIDE Slope°: 3° - 7°

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

Geology:

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

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

Family: CYPERACEAE **No. of Plants Sampled:** 982

Genus: ELEOCHARIS **No. of Plants Found (approx.):** >1000

Species: PARISHII **Area Sampled (acres):** 1

Subspecies/Variety:

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

Plant Habit: *Tree* *Shrub* *Forb* *Succulent* ***Grass/Grasslike*** Plant Height (feet): 1

Does the pressed specimen have the same reference as the seed collection?: *Yes* *No* Rec 7/14/05

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

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species): 0.048# 1 manila envelope

Common Name(s) of Plants: Parish's Spikerush

Photograph Taken: *Digital* *35mm* Reference: Where Image will be Filed:

1 Dcard

SOSAZ-93005-42

ELPA4-SOSAZ-930-0109R-05
Eleocharis parishii
Parish's spikerush
SNWC .045 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags ~1	Date/Initials 12-30-05 AC
OSU Sample Taken	# of pounds 0	
Sample Sent	Y / N	

Test Results: Both Inhouse and/or OSU		
100 Seed X-ray	87%	REMARKS ENTERED
Moisture Content		
Seed Count	2,268,000	
GERM ___ TZ ___	Strat Time: NC ___ 4C ___ 8C ___ 13C ___	
PURITY 91 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.

X-ray Results
87 % 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 .002 gms
* Weeds ____ gms
* Noxious ____ gms

Wt. Of all Impurities: .002 gms
Wt. Of Clean Seed .020 gms
TOTAL (Impurities + Clean Seeds) .022 **gms**
Percent Purity = (Wt. Of clean seeds) / (Wt. Of Total) X 100 = 91 %

SEEDS PER POUND

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

.020 ---------- ----------
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TOTAL of ALL Reps _____
Average _____

***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 = .20 = 1000 seed wt.
Seeds per Pound = 2,268,000

FINAL PACKAGING for Seed Storage/Transfer			
	Bag Wt.		Bag Wt.
Bag # 1	.009	Bag #	
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
		TOTAL WT.	.009

ENTERED

Transaction Fee: _____ ENTERED

Seedbank Location

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

DATE	Start	Stop	Process	Initials
12-30-05	1030		226-test	AC
		1055	2270-pkg	AC

✓	ID card file sample
	Regional Office ID file

POSTED TO: Lot Completion Logbook ✓ **Computer NMIS** _____ **Inventory Card** ✓ **Y** ____ **NA**