MSB Serial Number:
NCRS PLANTS Code: PSCO2
Storage Facility: Bend
Date Collected: 30 MAY 2007
Seed Collection Reference Number: AZ930-208
Collector(s): Johnson, J., Gray, M.
ASTERACEAE
Psilostrophe cooperi

Country: United States **Ecoregion:** 23, Sonoran Desert
State: Arizona **County:** Gila
City/Town/Park: Tonto National Forest **Geographic Area:** Salt River Canyon
Location Details: Tonto National Forest. Salt River Canyon. 5 Miles on Cherry Road (Forest Road 203) from State Route 288.
Lat. (dg/min/sec): 33° 40' 31.1" N **Long. (dg/min/sec):** 110° 54'10.3" W

GPS: NAD83
Landowner Details (Permission): USFS (yes)
Altitude: 3268 FT
Associated Species: *Canotia holacantha, Prosopis velutina, Simmondsia chinensis, Yucca baccata, Gutierrezia sp., Opuntia engelmannii*
Habitat: Sonoran Desert Scrub-Apache Highlands, #
Modifying Factors: None
Land Form: Hills **Aspect:** All
Land Use: Recreation **Slope:** 0-10°
Geology: Sedimentary Rock
Soil: Silt, Sand, Tan
No. of Plants Sampled and Misc.: 75 plants sampled
No. of Plants Found: # 300
Area Sampled: 1 A
Seeds Collected From: seed - many individuals, plant
Description: Yellow Flowers. Height: 1'
Common Name(s): whitestem paperflower
Photograph (to be send electronically to SOS National Office) file name: #
Identification
Johnson, J. -DES, In Field, 30, May, 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

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.

6/6/07
1gm

0.557
−.151
.406

SOSAZ-93007.12

Seed Test/Packaging Record

SOSAZ-93007-12

PSCO2-SOSAZ-930-0208-07
Psilostrophe cooperi
whitestem paperflower
SNWC .405 P

PRE-PACKAGING CHECKLIST

	# of Tags	Date/Initials
Tag Count Complete	1	2-14-08 AC
OSU Sample Taken	# of pounds	
Sample Sent	(Y)/ N - 100 seeds	

Test Results: Both in-house and/or OSU

100 Seed X-ray 90
Moisture Content ___
Seed Count ~~240,000~~

REMARKS
ENTERED

GERM ___ TZ OSU 100 seeds only Strat Time: NC___ 4C ___ 8C ___ 13C___
PURITY 97.5 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

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: .025 gms
Wt. of Clean Seed .970 gms
TOTAL (Impurities + Clean Seeds) .995 gms
Percent Purity = (Wt. of clean seeds) / (Wt. of Total) X 100 = 97.5 %

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).

.182 .194 _____
_____ _____
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 = 1.89 = 1000 seed wt.
Seeds per Pound = 240,000

ENTERED

FINAL PACKAGING for Seed Storage/Transfer

	Bag Wt.		Bag Wt.
Bag # 1	.021	Bag #	
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

✓ got it	need ID card file sample
	Regional Office ID file

DATE	Start	Stop	Process	Initials
2-14-08	1255		226-test	AC
		1330	2270-pkg	AC

POSTED TO: Lot Completion Logbook ✓ Computer NMIS_____