



Use BLOCK CAPITALS

MSB Serial Number:

Complete all fields.

NRCS PLANTS Code: SHAR

Circle relevant descriptions shown in *italics*.

Cleaning Facility: BEND

Date(s) Collected (DD/MM/YY): 06/08/09

Seed Collection Reference Number: UTO30-132

Collector(s): HANSEN, S., WASSENBERG, T. PACK, K.

Country: USA

Ecoregion (TQ) B): 19

State: UT

County: GARFIELD

Location Details:

HENRIEVILLE CR., NR HWY 12

Lat. (dg/min/sec) (ex: 40° 34' 19.5" N): 37° 3' 9" N

GPS Used?: Yes No

If no, please see other side.

Long. (dg/min/sec) (ex: 107° 36' 51.54" W): 111° 53' 28" W

GPS Datum:

 NAD83 NAD27 WGS84 Other:

Elevation (feet): 6699

Landowner Details (Permission?):

BLM

HABITAT DATA

Habitat, Associated Species & Ecological Site Descriptor:

Creek bed, Rosa woodsii, Chrysothamnus nauseosus, Carex sp., Populus fremontii, Ponderosa pine, Ranunculus sp., Artemisia tridentata

Modifying Factors:

Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form:

Flat, Riparian Creek

Slope°:

0-10°

Land Use:

Grazing, Recreation

Aspect:

N NE E SE S SW W NW

Geology:

SANDSTONE

Soil Texture:

Clay Silt Sand Other:

Soil Color:

Gray

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

Family:

ELEAGNACEAE

No. of Plants Sampled (min. 50):

75

Genus:

SHEPARDIA

No. of Plants Found (approx.):

> 500

Species:

ARGENTEA

Area Sampled (acres):

10

Subspecies/Variety:

Seeds Collected From:

 Plants Ground Both

Plant Habit:

 Tree Shrub Forb Succulent Grass/Grasslike

Plant Height (feet):

3-15

Native plant materials development and research this accession will be used for:

These seeds will need to be returned for restoration needs on Grand Staircase

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

Red berries

10260#

Common Name(s) of Plants:

Bullberry

Photograph Taken:

 Digital 35mm

Reference (PLANTS Code, Coll. Number, Pic. No.):

Where Image will be Filed:

Rec 8/18/09

5 zip

PRIORITY

SOS-UT030-132

Seed Test/Packaging Record

SHAR-SOS-UT030-132-09
Sherpherdia argentea
silver buffaloberry
BLMS 24.32 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags ~1	Date/Initials 10-7-09 AC
OSU Sample Taken	# of pounds 1.79	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	96	ENTERED
Moisture Content	9.0%	
Seed Count	54,600	
GERM <u> </u> TZ <u>OSU</u> Strat Time: NC <u> </u> 4C <u> </u> 8C <u> </u> 13C <u> </u>		
PURITY <u>95.3</u> or NOXIOUS WEED only <u> </u>		

MOISTURE CONTENT (use one of three methods below)									
Dole Meter			**Moisture Analyzer**			**HygroPalm**			
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.	Time	Air Temp	ERH	M.C.
							130	47.8	9.0

X-Ray Results
96 % 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: <u>.243</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>4.968</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>5.211</u> gms
• Inerts <u>.243</u> gms - broken seed	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{95.3} \%$
• Weeds _____ gms	
• Noxious _____ gms	

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). <u>.831</u> <u>.830</u> _____	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
Average: _____	To calculate M seed wt, take Total of 5 samples times 2. 2 x Total of 5 reps = <u>8.3</u> = 1000 seed wt. Seeds per Pound = <u>54,600</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.128</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.128</u>

WRPIS .210 # ~ 10M
.128
.238 #

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

DATE	Start	Stop	Process	Initials
10-7-09	1115		226-test	AC
		1150	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook _____ Computer NMIS _____