

SEEDS



OF SUCCESS

MSB Serial Number: _____
 NCRS PLANTS Code: CEPR
 Storage Facility: Bend
 Date Collected: 29 JUL 2009
 Seed Collection Reference Number: NV030-258
 Collector(s): Rivas, C., Robinson, G., McCoy-Sulentic, M., Miceli, D., Koski, M.
RHAMNACEAE
Ceanothus prostratus

Country: United States Ecoregion: 12, Sierra Nevada
 State: Nevada County: Sierra
 City/Town/Park: # Geographic Area: Verdi Range
 Location Details: Take highway 80 N of Reno. Turn left onto County Route 894 towards Boca Reservoir. At Boca Rest camp ground turn right onto forest service road 72. Follow dirt road for approximately 4 miles past Verdi Peak Lookout to collection site.
 Lat. (dg/min/sec): 39° 30' 30" N Long. (dg/min/sec): 120° 04' 19" W
 GPS: WGS84
 Landowner Details (Permission): National Forest Service

Altitude: 6337 FT
 Associated Species: *Wyethia mollis*, *Pinus jeffreyi*, *Arctostaphylos patula*, *Bromus tectorum*, *Apocynum androsaemifolium*, *Chrysothamnus sp.*, *Ceanothus velutinus*, *Elymus elymoides*, *Purshia tridentata*, *Cirsium sp.*, *Balsamorhiza sagittata*

Habitat: FOREST, Jeffrey Pine
 Modifying Factors: Forst Fire
 Land Form: MOUNTAIN Aspect: SW

Land Use: Recreation, Loggin Slope: 12°
 Geology: #
 Soil: Loam, 7.5YR 4/2; 2.5/2 moist
 No. of Plants Sampled and Misc.: 72 plants sampled
 No. of Plants Found: ca 10000

Area Sampled: 40 A
 Seeds Collected From: seed - many individuals, plant

Description: prostrate shrub
 Common Name(s): Prostrate ceanothus

Photograph (to be send electronically to SOS National Office) file name: CEPR-NV030-258-150
 A, CEPR-NV030-258-B, CEPR-NV030-258-C

Identification

Koski, M. - BLM, In Field, 7-29-09

Herbarium Vouchers

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

No. of Herbarium Vouchers: 4 Vouchers Taken

- 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 _____ herbarium that has agreed to arrange labeling, verification and distribution.

8/4/09
 1g roc
 2.719
 2569 #

SOS-NV030-258

CEPR-SOS-NV030-258-09
 Ceanothus prostratus
 prostrate ceanothus
 BLMS 2.56 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	12-23-09
OSU Sample Taken	# of pounds	AC
	39	
Sample Sent	Y/N	
	(Y) N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray Moisture Content	85% 6.2%	ENTERED
Seed Count	30,000	
GERM ___ TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY <u>99.1%</u> or NOXIOUS WEED only ___		

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.
							72°		6.2

X-Ray Results
85 % 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>.045</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>4.73</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>4.775</u> gms
• Inerts <u>.045</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{99.1} \%$
• 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)	Difference between max & Min wt. _____ 10% of average _____
<u>1.374</u> <u>1.482</u> <u>1.530</u>	NOTE: Seeds/Pound = $\frac{453600}{453.6 \text{ grams} = 1 \text{ pound}}$ 1000 seed wt.
TOTAL of ALL Reps: _____	To calculate M seed wt, take Total of 5 samples times 2.
Average: _____	2 x Total of 5 reps = <u>15.1</u> = 1000 seed wt.
	Seeds per Pound = <u>30,000</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.140</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.140</u>

bag bal .140
 WRPIS ALL ~3,500 PLS
 New Bal

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

DATE	Start	Stop	Process	Initials
12-23-09	1400		226-test	AC
		1430	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS