

**SEEDS**

OF SUCCESS

MSB Serial Number: \_\_\_\_\_

NCRS PLANTS Code: LODI

Storage Facility: BEND

Date Collected: 10 AUG 2009

Seed Collection Reference Number: NV030-266

Collector(s): Koski, M., McCoy-Sulentis, M., Mausert-Mooney, C.

**APIACEAE***Lomatium dissectum*

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Churchill

City/Town/Park: #

Geographic Area: Stillwater Mountains

**Location Details:** Heading east on 50 past Fallon, take a left on Stillwater Road, follow this for about 40 miles. Take a right on road leading up to opening of Shady Run Canyon in the Stillwater Mountains. Collection site about 2 miles up canyon on N facing slope.

Lat. (dg/min/sec): 39° 46' 50.884" N

Long. (dg/min/sec): 118° 12' 13.924" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 5382 FT

Associated Species: *Artemisia tridentata*, *Pinus monophylla*, *Chrysothamnus sp.*

Habitat: Pinyon pine forest

Modifying Factors: #

Land Form: slope

Aspect: N

Land Use: horseback riding

Slope: 28°

Geology: #

Soil: sandy loam

No. of Plants Sampled and Misc.: ca 300

No. of Plants Found: ca 600

Area Sampled: 7 A

Seeds Collected From: seed - many individuals, plant

**Description:** umbelliferous flower heads about 2-2.5 ft., highly dissected basal leaves with sheathing petioles, tuber-like root

Common Name(s): fernleaf biscuit root

**Photograph (to be send electronically to SOS National Office) file name:**

LODI-NV030-266-A, LODI-NV030-266-B, LODI-NV030-266-C, LODI-NV030-266-D

**Identification**

Mausert-Mooney, C., In Field, 10 July 2009

**Herbarium Vouchers**

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

No. of Herbarium Vouchers: #

- All herbarium duplicates will be sent to Kew to arrange labeling, verification and distribution (default).
- One duplicate will be sent to \_\_\_\_\_ herbarium for verification, other duplicates will be sent by the collector to Kew to arrange labeling and distribution.
- All herbarium duplicates will be sent to \_\_\_\_\_ herbarium that has agreed to arrange labeling, verification and distribution.

Rec 8/19

2 paper

1,050#

Seed Test/Packaging Record

LODI-SOS-NV030-266-09  
Lomatium dissectum  
fernleaf biscuitroot  
BLMS 1.05 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	12/23/09
OSU Sample Taken	# of pounds	
	3.79	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	92.1	REMARKS  ENTERED
Moisture Content	4.7	
Seed Count	26,800	
GERM	TZ OSU	Strat Time: NC 4C 8C 13C
PURITY	96.8	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.
						—	70	21.3	4.7

X-Ray Results

92 % 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: .22 gms
Wt of Impurities:	Wt. of Clean Seed 6.764 gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds) 6.984 gms</b>
• Inerts - 22 gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 96.8\%$
• 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).

1.691 1.691

TOTAL of ALL Reps: \_\_\_\_\_  
Average: \_\_\_\_\_

Difference between max & Min wt. \_\_\_\_\_ 10% of average \_\_\_\_\_

NOTE: Seeds/Pound =  $\frac{453600}{1000 \text{ seed wt.}}$  (453.6 grams = 1 pound)

To calculate M seed wt, take Total of 5 samples times 2.

2 x Total of 5 reps = 16.91 = 1000 seed wt.  
Seeds per Pound = 26,800

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.450		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			.450

beg. bal. .450  
WRPIS - .429 # 10,000 ALS  
New bal = .026

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12-23-09	1010		226-test	AC
		1045	2270-pkg	AC

	ID card file sample
	Inventory Card Completed