



MSB Serial Number: _____

NCRS PLANTS Code: _____

Storage Facility: Bend

Date Collected: 19 AUG 2009

Seed Collection Reference Number: NV030-NV030-267

Collector(s): Miceli, D.; Robinson, A.; Mausert-Mooney, C.; McCoy-Sulentic, M.; Rivas, C.

ROSACEAE

Cercocarpus ledifolius

Country: United States

Ecoregion: 12, Sierra Nevada

State: California

County: Alpine

City/Town/Park: Humboldt-Toiyabe National Forest **Geographic Area:** Monitor Pass

Location Details: Take hwy 89 east from markleeville to a dirt road approximately 1 mile before monitor pass. Turn left and continue up the dirt road to a campsite surrounded by Cercocarpus trees

Lat. (dg/min/sec): 38° 40' 54.2" N Long. (dg/min/sec): 119° 37'52" W

GPS: NAD83

Landowner Details (Permission): National Forest Service

Altitude: 2546 M

Associated Species: *Wyethia mollis*, *Sidalcea* sp., *Artemisia* sp., *Leptodactylon glabrum*, *Purshia tridentata*, *Chrysothamnus viscidiflorus*, *Elymus elymoides*, *Senecio integerrimus*, *Paeonia brownii*, *Achnatherum* sp., *Juniperus osteosperma*, *Lupinus* sp., *Castilleja* sp., *Monardella* sp.

Habitat: Shrub Scrub, Cercocarpus-Artemesia-Wyethia

Modifying Factors: None

Land Form: Mountain

Aspect: 145 SE

Land Use: recreation

Slope: 3°

Geology: Andesite and Basalt

Soil: Sandy Loam, 10.5YR 3/2; 2/2 moist

No. of Plants Sampled and Misc.: 25 plants sampled

No. of Plants Found: > 100

Area Sampled: 15 A

Seeds Collected From: seed - many individuals, plant

Description: Seeds are about 2-3in spiral; the Trees are about 15 feet tall with the crown being 15-20ft in diameter; most individuals are currently in the seed dispersal stage with slightly under half of individuals having very little seed remaining

Common Name(s): Mountain Mahogany

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

CELE3-NV030-267-A, CELE3-NV030-267-B, CELE3-NV030-267-C

Identification

McCoy-Sulentic, M. - BLM In Field 8-19-09

Herbarium Vouchers

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

No. of Herbarium Vouchers: 4 taken

- 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

150
x4

600

4g voc
7.654
- .600

7.054

9/2

Seed Test/Packaging Record

SOS-NV030-267

CELE3-SOS-NV030-267-09
 Cercocarpus ledifolius
 curl-leaf mountain mahogany
 BLMS 7.05 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
		12-30-09
OSU Sample Taken	# of pounds	AC
	1.95g	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU

100 Seed X-ray	93%	REMARKS  ENTERED
Moisture Content	5.1%	
Seed Count	46,900	
GERM ___ TZ OSU Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY 99% 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.
						—	67	23.3	5.1

X-Ray Results

93 % 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: _____ gms
Wt of Impurities:	Wt. of Clean Seed _____ gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = 99\%$
• Weeds _____ gms	
• Noxious _____ gms	

SEEDS PER POUND

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

.966 .966

 TOTAL of ALL Reps: _____
 Average: _____

** NOTE: If difference between max and min is less than 10% of the average samples, data is acceptable

Difference between max & Min wt. _____ 10% of average _____

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

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

2 x Total of 5 reps = $\frac{9.66}{2} = 4.83$ = 1000 seed wt.
 Seeds per Pound = $\frac{46,900}{1000} = 46.9$

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	1.012		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			1.012

beg balance 1.012
 WRPIS 233* 19000
 New bal 1779

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12-30-09	0815		226-test	AC
		0900	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS