



MSB Serial Number: _____
NCRS PLANTS Code: BRMI
Storage Facility: Bend
Date Collected: 06 OCT 2009
Seed Collection Reference Number: NV030-290
Collector(s): Koski, M., Mausert-Mooney, C., Robinson, G.

ASTERACEAE
Brickellia microphylla

little leaf buckellbush

Country: United States

Ecoregion: 11, Great Basin

State: Nevada

County: Douglas

City/Town/Park: #

Geographic Area: Churchill Canyon

Location Details: Head south from Silver Springs on Alt 95 and drive 20 miles. Take left on dirt road leading to Churchill Canyon. Collection site about 5 miles in on right side of road in ephemeral wash near water tank.

Lat. (dg/min/sec): 39° 07' 22.124" N

Long. (dg/min/sec): 119° 19' 47.591" W

GPS: NAD83

Landowner Details (Permission): BLM

Altitude: 1459 M

Associated Species: *Purshia tridentata*, *Eriogonum heermannii*, *Populus fremontii*, *Prunus andersonii*, *Atriplex canescens*, *Tetradymia canescens*, *Chrysothamnus viscidiflorus*, *Salsola kali*, *Eriogonum baileyi*, *Brickellia californica*, *Asclepias sp.*, *Artemisia tridentata*, *Ephedra nevadensis*

Habitat: ephemeral wash, saltbrush

Modifying Factors: None

Land Form: Canyon

Aspect: 53

Land Use: Recreation, Cattle Grazing

Slope: 1°

Geology: Alluvium and Mass Wasting

Soil: sand 10YR 5/3 dry; 10YR 4/3 wet

No. of Plants Sampled and Misc.: #

No. of Plants Found: ca 800

Area Sampled: 15 A

Seeds Collected From: seed - many individuals, plant

Description: Stout shrub, woody at base. Many composite flower heads with spikey appearing involucre. Whole plant aromatic.

Common Name(s): #

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

Identification

Robinson, A. - BLM, in field, 10/6/09

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 agreed to arrange labeling, verification and distribution.

PRIORITY

SOS-NV030-290

BRMI-SOS-NV030-290-09

Brickellia microphylla

littleleaf brickellbush

BLMS

3.26 P

Seed Test/Packaging Record

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	1-16-10
OSU Sample Taken	# of pounds	AC
	.07g	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	93%	 ENTERED
Moisture Content	6.0%	
Seed Count	1,620,000	
GERM <u> </u> TZ <u>OSU</u> Strat Time: NC <u> </u> 4C <u> </u> 8C <u> </u> 13C <u> </u>		
PURITY <u>96%</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.
						1	68	28.3	6.0

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: <u>.075</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>1.97</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>1.975</u> gms
• Inerts <u>.075</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = \underline{96} \%$
• Weeds _____ gms	<i>some is damaged seed - frayed at ends or broken - brush?</i>
• Noxious _____ gms	<i>Not a lot I wouldn't worry about it!</i>

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	Difference between max & Min wt. _____ 10% of average _____
Wt. of 5 reps of 100 seeds each (in grams).	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
<u>.028</u> <u>.028</u>	To calculate M seed wt, take Total of 5 samples times 2.
TOTAL of ALL Reps: _____	2 x Total of 5 reps = <u>.28</u> = 1000 seed wt.
Average: _____	Seeds per Pound = <u>1,620,000</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.082</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.082</u>

bag bal .082
 WRPIS 10,000 -.007
 New bal .075

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

DATE	Start	Stop	Process	Initials
1-16-10	0900		226-test	AC
		0945	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____