



MSB Serial Number: \_\_\_\_\_  
 NCRS PLANTS Code: THMIS  
 Storage Facility: Bend  
 Date Collected: 21 JUL 2009  
 Seed Collection Reference Number: NV030-253  
 Collector(s): Carson City Field Office  
**BRASSICACEAE**  
*Thelypodium milleflorum*

Country: United States                      Ecoregion: 11, Great Basin  
 State: Nevada                                      County: Churchill  
 City/Town/Park:                      Geographic Area: Sand Mountain  
 Location Details: .1 mile W of intersection 839 and I-50 from Eastgate, take a right onto access road and follow for 2.5 miles. At intersection take a left on the new access road and follow road until it Follow OHV track for approximately 1 mile to collections site.  
 Lat. (dg/min/sec): 39° 20' 00" N      Long. (dg/min/sec): 118° 21' 14" W  
 GPS: WGS84

Landowner Details (Permission): BLM  
 Altitude: 4587 FT

Associated Species: *Ephedra nevadensis*, *Salsola kali*, *Bromus tectorum*, *Achnatherum hymenoides*, *Chrysothamnus viscidiflorus*, *Tiquilia nuttallii*, *Achnatherum hymenoides*, *Sphaeralcea ambigua*, *Rumex venosus*, *Psoralea polydenius*, *Helianthus anomalus*, *Eriogonum baileyi*, *Camissonia parvula*

Habitat: SHRUB LAND

Modifying Factors: NONE

Land Form: SAND DUNE

Aspect: SE

Land Use: RECREATION

Slope: 14°

Geology: ALLUVIUM AND MASS WASTING

Soil: SAND, 2.5YR 7/2; 5/3 MOIST

No. of Plants Sampled and Misc.: 2000 PLANTS SAMPLED

No. of Plants Found: < 3000

Area Sampled: 20 A

Seeds Collected From: seed - many individuals, plant

Description: #

Common Name(s): MANYFLOWER THELYPODY

Photograph (to be send electronically to SOS National Office) file name: 15.351

THMI5-NV030-253-A, THMI5-NV030-253-B, THMI5-NV030-253-C

**Identification**

Tonenna, D. - BLM, In Field, 6-15-09

**Herbarium Vouchers**

Does the pressed specimen have the same reference as the seed collection? Yes No — 1,016

No. of Herbarium Vouchers: None, Unable to Collect Vouchers, Plants too brittle

- 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 7/24/09  
 3.330 (2 groc)  
 3.960 (2 groc)  
 3.400 (3 candy bags)  
 1.030 2 candy  
 3.197 1 groc  
 .434 1 candy

.455  
 .561  
1,016  
14.330#

# Seed Test/Packaging Record

**SOS-NV030-253**

THM15-SOS-NV030-253-09  
 Thelypodium milleflorum  
 manyflower thelypody  
 BLMS 14.33 P

## PRE-PACKAGING CHECKLIST

|                    |             |               |
|--------------------|-------------|---------------|
| Tag Count Complete | # of Tags   | Date/Initials |
|                    | 0           | 12/16/09 AC   |
| OSU Sample Taken   | # of pounds |               |
|                    | 0.01g       |               |
| Sample Sent        | Y/N         |               |
|                    |             |               |

## Test Results: Both in-house and/or OSU

|   |           |  |
|---|-----------|--|
| 100 Seed X-ray  | 90%       | REMARKS<br> |
| Moisture Content  | 6.27      |  |
| Seed Count  | 1,463,200 |  |
| GERM <u>    </u> TZ <u>OSU</u> Strat Time: NC <u>    </u> 4C <u>    </u> 8C <u>    </u> 13C <u>    </u> |           |  |
| PURITY <u>98.6</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. |
|                |      |       |                       |           |        |               | 72       | 293 | 6.2  |
|                |      |       |                       |           |        |               |          |     |      |

## X-Ray Results

90 % 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>.004</u> gms   |
| Wt of Impurities:        | Wt. of Clean Seed <u>.301</u> gms  |
| • Crops _____ gms        | <b>TOTAL (Impurities + Clean Seeds)</b> <u>.305</u> gms  |
| • Inerts <u>.004</u> gms | Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = $ <u>98.6</u> % |
| • Weeds _____ gms        |  |
| • Noxious _____ gms      |  |

## SEEDS PER POUND

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

.032 .03  
 \_\_\_\_\_  
 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 =  $\frac{453600}{1000 \text{ seed wt.}}$  (453.6 grams = 1 pound)

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

2 x Total of 5 reps = .31 = 1000 seed wt.  
 Seeds per Pound = 1,463,200

## FINAL PACKAGING for Seed Storage/Transfer

|                  |              |          |              |
|------------------|--------------|----------|--------------|
|                  | Bag Wt.      |          | Bag Wt.      |
| Bag # 1          | <u>6.588</u> | Bag #    |              |
| Bag # 2          |              |          |              |
| Bag # 3          |              |          |              |
| Bag # 4          |              |          |              |
| Bag # 5          |              | Last Bag |              |
| <b>TOTAL Wt.</b> |              |          | <u>6.588</u> |

beg-bal 6.588  
 WRPIS 10,000 - .008  
 New Bal = 6.580

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

| DATE            | Start       | Stop        | Process  | Initials  |
|-----------------|-------------|-------------|----------|-----------|
| <u>12-16-09</u> | <u>1345</u> |             | 226-test | <u>AC</u> |
|                 |             | <u>1430</u> | 2270-pkg | <u>AC</u> |

|  |                          |
|--|--------------------------|
|  | ID card file sample      |
|  | Inventory Card Completed |

POSTED TO: Lot Completion Logbook  Computer NMIS