

SEEDS



OF SUCCESS

MSB Serial Number: _____
NCRS PLANTS Code: SYSP
Storage Facility: Bend
Date Collected: 08 OCT 2009
Seed Collection Reference Number: NV030-299
Collector(s): Koski, M., Miceli, D., Rivas, C.
COMPOSITAE
Symphotrichum spathulatum

Country: United States

Ecoregion: 12, Sierra Nevada

State: California

County: Placer

City/Town/Park: #

Geographic Area: Onion Creek

Location Details: Take Donnor Pass Rd. and head South on Soda Springs Rd. Follow until you get to dirt and follow for approximately 4 miles to collection site on left side of Rd after crossing creek.

Lat. (dg/min/sec): 39° 16' 27.3" N Long. (dg/min/sec): 120° 21' 31.45" W

GPS: NAD83

Landowner Details (Permission): USFS

Altitude: 1862 M

Associated Species: *Lotus purshianus*, *Sidalcea sp.*, *Hieracium albiflorum*, *Madia spp.*, *Abies concolor*, *Trifolium longipes*, *Potentilla gracilis*, *Navarretia intertexta*, *Juncus sp.*, *Perideridia sp.*, *Agrostis stolonifera*

Habitat: meadow, grass and forb dominated

Modifying Factors: #

Land Form: alpine meadow

Aspect: 310

Land Use: #

Slope: 4°

Geology: Andesite, Rhyolite

Soil: loam

No. of Plants Sampled and Misc.: #

No. of Plants Found: ca 800

Area Sampled: 8 A

Seeds Collected From: seed - many individuals, plant

Description: forb rising about 10 inches with 3-5 composite heads. disc flowers yellow and ray flowers violet to pale violet. leaves linear.

Common Name(s): #

western mountain aster

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

SYSP-NV030-299-A, SYSP-NV030-299-B, SYSP-NV030-299-C

Identification

Rivas, C., In field 10/8/2009

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-NV030-299

Seed Test/Packaging Record

SYSP-SOS-NV030-299-09
Symphyotrichum spathulatum
western mountain aster
BLMS .38 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags	Date/Initials
	0	2-16-10
OSU Sample Taken	# of pounds	AC
	.0765	
Sample Sent	Y/N	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	90%	
Moisture Content	6.0%	
Seed Count	1,225,900	
GERM	TZ <u>DS4</u>	Strat Time: NC ___ 4C ___ 8C ___ 13C ___
PURITY	97%	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.
						—		27.5	6.0

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>-007</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>-219</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>-226</u> gms
• Inerts <u>.007</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>97</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).

.036 .037 _____

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 = -37 = 1000 seed wt.

Seeds per Pound = 1,225,900

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1			
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.006</u>

bag bal -006
WRPIS -ALL ~ 6,400
New bal 0

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
2-16-10	1100		226-test	AC
		1140	2270-pkg	AC

ID card file sample
Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS _____