



MSB Serial Number: \_\_\_\_\_  
NCRS PLANTS Code: PEPA21  
Storage Facility: BEND  
Date Collected: 27 AUG 2009  
Seed Collection Reference Number: NV030-281  
Collector(s): Koski, M; Miceli, D; Rivas, C  
**UNKNOWN**  
*Name to be created in Washington office*

Country: United States                      Ecoregion: 12, Sierra Nevada  
State: California                              County: Alpine  
City/Town/Park: Humbolt- Toiyabe Forest                      Geographic Area: sage hen flat meadow  
Location Details: Take hwy 89 east from markleeville up monitor pass. Park next to highway on dirt pull off. Collecting site is in the meadow on the right.  
Lat. (dg/min/sec): 38° 39' 51.7" N    Long. (dg/min/sec): 119° 39' 55.7" W  
GPS: NAD83  
Landowner Details (Permission): National Forest Service  
Altitude: 2200 M  
Associated Species: *Artemisia nova*, *Purshia tridentata*, *Artemisia tridentata*, *Poa secunda*, *Wyethia mollis*, *Chrysothamnus sp.*, *Sidalcea sp.*, *Achillea millefolium*, *Achnatherum thurberianum*, *Elymus elymoides*, *Bromus tectorum*, *Potentilla sp.*  
Habitat: meadow, low shrub, grasses and forbs  
Modifying Factors: none  
Land Form: mountain meadow                                      Aspect: 170 S  
Land Use: RECREATION    Slope: 1°  
Geology: ANDESITE AND BASALT  
Soil: sandy loam  
No. of Plants Sampled and Misc.: 300 plants sampled  
No. of Plants Found: ca 500  
Area Sampled: 3 A  
Seeds Collected From: seed - many individuals, plant  
Description: HERB, 2-3 FT TALL, UMBLE INFLORESENCE  
Common Name(s): yampa  
Photograph (to be send electronically to SOS National Office) file name: PEPA21-NV030-281-A, PEPA21-NV030-281-B, PEPA21-NV030-281-C

*Rec 10/7*

**Identification**

#

**Herbarium Vouchers**

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

No. of Herbarium Vouchers: 4 VOUCHERS

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

# Seed Test/Packaging Record

**PRIORITY**

**SOS-NV030-281**

PEPA21-SOS-NV030-281-09  
Perideridia parishii  
Parish's yampah  
BLMS 1.56 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	0	12/16/2009
OSU Sample Taken	# of pounds	AC
	.29g	
Sample Sent	Y/N	
	Y	

Test Results: Both in-house and/or OSU		REMARKS
100 Seed X-ray	95%	LOOKS healthier than the previous PEPA I pkg'd. (SOS NV -280)
Moisture Content	5.9%	
Seed Count	317,200	
GERM ___ TZ <u>OSU</u> Strat Time: NC ___ 4C ___ 8C ___ 13C ___		
PURITY <u>99.2</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.
							68	26.9	5.9

X-Ray Results
95 % 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>.016</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>2.100</u> gms
• Crops _____ gms	<b>TOTAL (Impurities + Clean Seeds)</b> <u>2.116</u> gms
• Inerts <u>.016</u> gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 = $ <u>99.2</u> %
• 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).	
<u>.145</u> <u>.140</u> _____	Difference between max & Min wt. _____ 10% of average _____
TOTAL of ALL Reps: _____	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$ (453.6 grams = 1 pound)
Average: _____	To calculate M seed wt, take Total of 5 samples times 2.
	2 x Total of 5 reps = $\frac{1.43}{2} = 1000 \text{ seed wt.}$
	Seeds per Pound = <u>317,200</u>

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>1.105</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
<b>TOTAL Wt.</b>			<u>1.105</u>

beg. bal 1.105  
WRPIS 10,000 = .034  
NEWBAL = 1.071

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

DATE	Start	Stop	Process	Initials
12/16/09	0910		226-test	AC
		0955	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook        Computer NMIS