

SEEDS

OF SUCCESS

MSB Serial Number: _____
 NCRS PLANTS Code: _____
 Storage Facility: Bend
 Date Collected: 24 AUG 2009
 Seed Collection Reference Number: NV030-274
 Collector(s): Koski, M.; Miceli, D.; Rivas, C.
APIACEAE
Perideridia spp.

Perid
 = Perideridia spp.
 Yampah

Country: United States **Ecoregion:** 12, Sierra Nevada
State: California **County:** Nevada
City/Town/Park: # **Geographic Area:** Boca Reservoir
Location Details: Heading west on I-80 from Reno, get off on Hirschdale Rd. Exit and turn left. Drive past Boca Reservoir for ca 1.5 miles to the large open meadow on left side of road adjacent to Little Truckee River. Meadow on the left is collection site.
Lat. (dg/min/sec): 39° 26' 31.426" N **Long. (dg/min/sec):** 120° 05' 42.032" W

GPS: NAD83**Landowner Details (Permission):** USFS**Altitude:** 1737 M

Associated Species: *Balsamorhiza hookeri*, *Gayophytum diffusum*, *Lupinus sp.*, *Elymus elymoides*, *Poa secunda*, *Tragopogon sp.*, *Madia spp.*, *Artemisia nova*, *Purshia tridentata*, *Erigeron sp.*, *Chrysothamnus sp.*, *Pinus jeffreyi*, *Achillea millefolium*, *Leptodactylon pungens*, *Tetradymia canescens*

Habitat: Meadow, grass and forb dominated meadow**Modifying Factors:** #**Land Form:** Meadow**Aspect:** W**Land Use:** Recreation, hiking**Slope:** 1°**Geology:** Andesite and Basalt**Soil:** 7.5YR 5/4; 3/2 moist & 2.5YR 3/1; 5YR 5/2 moist**No. of Plants Sampled and Misc.:** 1500 plants sampled**No. of Plants Found:** ca 3000**Area Sampled:** 6 A**Seeds Collected From:** seed - many individuals, plant**Description:** plant about .5-1.5 ft. tall. Cauline leaves wanting. Umbellate flower head. Possibly two species of *Perideridia* here.**Common Name(s):** Yampah**Photograph (to be send electronically to SOS National Office) file name:**

PE-NV030-274-A, PE-NV030-274-B

Identification

NV030, Field

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

9/4

lgmc

1.116

Seed Test/Packaging Record

SOS-NV030-274

PERID-SOS0NV030-274-09
Perideridia spp.
yampah
BLMS 1.11 P

PRE-PACKAGING CHECKLIST

Tag Count Complete	# of Tags 0	Date/Initials 12/17/09 AC
OSU Sample Taken	# of pounds .35g	
Sample Sent	Y/N Y	

Test Results: Both in-house and/or OSU

100 Seed X-ray	94%	REMARKS  ENTERED
Moisture Content	6.27%	
Seed Count	262,100	
GERM <u> </u> TZ <u>OSU</u> Strat Time: NC <u> </u> 4C <u> </u> 8C <u> </u> 13C <u> </u>		
PURITY <u>98.5</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.
						---	73°	30.0	6.2

X-Ray Results

94 % 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>.06</u> gms
Wt of Impurities:	Wt. of Clean Seed <u>4.14</u> gms
• Crops _____ gms	TOTAL (Impurities + Clean Seeds) <u>4.2</u> gms
• Inerts _____ gms	Percent Purity = $\frac{\text{Wt. of clean seeds}}{\text{Wt. of Total}} \times 100 =$ <u>98.5</u> %
• Weeds _____ gms	
• Noxious _____ gms	

? maybe other seed.

SEEDS PER POUND

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

.173 .172
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 = $\frac{1.73}{2} =$ 1000 seed wt.
Seeds per Pound = 262,100

FINAL PACKAGING for Seed Storage/Transfer

Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	<u>.396</u>		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL Wt.			<u>.396</u>

beg. bal .396
WRPIS 10,000 -.042
NEW BAL. = .354

SEED TRANSFER Log Number

Date	Wt. Shipped	Ship via	Purpose Remarks

DATE	Start	Stop	Process	Initials
12-17-09	1505		226-test	AC
		1550	2270-pkg	AC

	ID card file sample
	Inventory Card Completed

POSTED TO: Lot Completion Logbook Computer NMIS