



Please use BLOCK CAPITALS

MSB Serial Number:

Please complete all the priority fields labeled in bold

NRCS PLANTS Code: **DOBA**

Please circle relevant descriptions shown in *italics*.

Date Collected (DD/MM/YY): **04/08/05** Seed Collection Reference Number: **NV030-160**

Collector(s): **BJERKE, BRUSH, FRIEDMAN, LEMA, MILSTEIN**

Country: **USA** Ecoregion: **19** State: **CA** County:

Location Details: **WEST OF INDIAN CREEK RECREATION AREA, CRUZ LAKE**

Lat. (dg/min/sec): **N** **TOWNSHIP 10N** GPS Used?: Yes No If no, please see other side.

Long. (dg/min/sec): **W** **RANGE 20E** GPS Datum: **NAD83** **NAD27** **WGS84** Other:

Elevation (feet): **6350** **SECTION 9** Landowner Details (Permission?): **YES, BLM PUBLIC LAND**

HABITAT DATA

Habitat & Associated Species: **SMALL MOUNTAINOUS LAKE**
POLYGONUM ~~sp.~~ AMPHIBIUM, JUNCUS sp. EPILOBIUM BRACHYCARPUM, POA SECUNDA

Modifying Factors: Mowed Burned Grazed Flooded Seeded Trampled Other:

Land Form: **SMALL LAKE SHORE** Slope°: **1**

Land Use: **PUBLIC LAND** Aspect: **N NE E SE S SW W NW**

Geology:

Soil Texture: Clay Silt Sand Other: Soil Color: **BROWN**

COLLECTION DATA - If plant has been identified by a specialist, please see other side.

Family: **CAMPANULACEAE**

No. of Plants Sampled: **2000**

Genus: **DOWNINGIA**

No. of Plants Found (approx.): **+10,000**

Species: **BACI GALUP II**

Area Sampled (acres): **4**

Subspecies/Variety: **N/A**

Seeds Collected From: Plants Ground Both

Plant Height (feet): **0.5**

Plant Habit: Tree Shrub Forb Succulent Grass/Grasslike

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

If not, enter details of collector, reference, where lodged, and date collected:

Rec 9/12
1 cloth.
0.223#

Notes to assist identification of pressed specimen (e.g. flower color, odor, presence of closely related species):

Common Name(s) of Plants: **BACH'S CALICOFLOWER**

Photograph Taken: **Digital 35mm**

Reference:

Where Image will be Filed:

Seed Test/Packaging Record

SOSNV-03005-11

DOBA-SOSNV-030-160-05
 Downingia bacigalupii
 Bach's calicoflower
 SNWC 22 P

PRE-PACKAGING CHECKLIST		
Tag Count Complete	# of Tags	Date/Initials
	1	1-6-06 AC
OSU Sample Taken	# of pounds	
	0	
Sample Sent	Y / (N)	

Test Results: Both Inhouse and/or OSU		REMARKS
100 Seed X-ray	90	ENTERED
Moisture Content		
Seed Count	11,340,000	
GERM ___ TZ ___	Strat Time: NC ___ 4C ___ 8C ___ 13C ___	
PURITY ~95 or NOXIOUS WEED only ___		

MOISTURE CONTENT (use one of two methods below)					
Dole Meter			**Moisture Analyzer**		
Dial Reading	M.C.	Grams	Temp °C	Time Used	% M.C.

X-ray Results
90 % Filled
Results from 100 Seed X-ray

confirmed w/cut

PURITY (Use OSU sample chart to determine wt. of sample)	
Wt. Of Sample: _____ gms	Wt. Of all Impurities: _____ gms
Wt. Of Impurities:	Wt. Of Clean Seed _____ gms
* Crops _____ gms	TOTAL (Impurities + Clean Seeds) _____ gms
* Inerts _____ gms	Percent Purity = $\frac{\text{Wt. Of clean seeds}}{\text{Wt. Of Total}} \times 100 = \sim 95\%$
* Weeds _____ gms	clean!
* Noxious _____ gms	

SEEDS PER POUND	***NOTE: If difference between max and min is less than 10% of average of samples, data is acceptable.
Weight to three decimal places, when possible	
Wt. Of 5 reps of 100 seeds each (in grams).	Difference between max & min wt. _____ 10% of average _____
0.004	NOTE: Seeds/Pound = $\frac{453600}{1000 \text{ seed wt.}}$
TOTAL of ALL Reps _____	To calculate M seed wt, take Total of 5 samples times 2.
Average _____	2 x Total of 5 reps = $\frac{0.04}{2} = 0.02 = 1000 \text{ seed wt.}$
	Seeds per Pound = 11,340,000

FINAL PACKAGING for Seed Storage/Transfer			
Bag #	Bag Wt.	Bag #	Bag Wt.
Bag # 1	.041		
Bag # 2			
Bag # 3			
Bag # 4			
Bag # 5		Last Bag	
TOTAL WT.			.041

Transaction Fee: ENTERED

Seedbank Location

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

DATE	Start	Stop	Process	Initials
1-6-06	0935		226-test	AC
		1000	2270-pkg	AC

<input checked="" type="checkbox"/>	ID card file sample
<input type="checkbox"/>	Regional Office ID file

POSTED TO: Lot Completion Logbook Computer NMIS _____ Inventory Card Y _____ NA