

BLM SEEDS OF SUCCESS FIELD DATA FORM

SOS Seed Collection Ref. Number:		Alternate Collection Number:	
Date(s) Collected (MM/DD/YY):	6/24/10	NRCS PLANTS Code:	PHPIF2
		Cleaning Facility:	CBG
Collector(s):	Dave Sollenberger, Jeremie Fant		
Ecoregion (Omernik Level III):	53	State:	WI
		County:	Dane
Location Details:	West Port Drumlin State Natural Area: Take Rt 113 N. of Lk. Mendota (Madison) for about 3 mi to Bong Rd, E. to radio tower, walk N. along edge of farm field, prairie in NW corner.		
Lat. (dg/min/sec) (ex: 40° 34' 19.5" N):	43° 11' 41.1" N	GPS Used:	<input checked="" type="radio"/> Yes <input type="radio"/> No If no, please see other side.
Long. (dg/min/sec) (ex: 107° 36' 51.54" W):	89° 23' 25.5" W	GPS Datum:	<input checked="" type="radio"/> NAD83 <input type="radio"/> NAD27 <input type="radio"/> WGS84 <input type="radio"/> Other:
Elevation (feet):	1017'	Landowner:	Wisconsin DNR
		Non-BLM Permission Filed:	<input checked="" type="checkbox"/>

HABITAT DATA

Associated Species (Scientific Name):	Amorpha canescens, Andropogon gerardii, Eryngium yuccifolium, Heuchera richardsonii, Solidago speciosa, Sporobolus heterolepis, Euphorbia corollata		
Modifying Factors:	Mowed <input checked="" type="radio"/> Burned <input type="radio"/> Grazed <input type="radio"/> Flooded <input type="radio"/> Seeded <input type="radio"/> Trampled <input type="radio"/> Other:		
Land Form:	hill	Slope (degrees):	10°
Land Use:	State Natural Area	Aspect:	N NE E SE S SW W <input checked="" type="radio"/> NW
Geology:	drumlin		
Soil Texture:	Clay Silt <input checked="" type="radio"/> Sand <input type="radio"/> Other:	Soil Color:	brown

COLLECTION DATA

Family:	Polemoniaceae	No. of Plants Sampled (min. 50):	299
Genus:	Phlox	No. of Plants Found (approx.):	400
Species:	pilosa	Area Sampled (acres):	0.5
Subspecies/Variety:	fulgida	Seeds Collected From:	<input checked="" type="radio"/> Plants <input type="radio"/> Ground <input type="radio"/> Both
Plant Habit:	Tree Shrub <input checked="" type="radio"/> Forb <input type="radio"/> Succulent <input type="radio"/> Grass/Grasslike	Plant Height (feet):	1'

Native plant materials development & research this accession will be used for:

Observational field notes to assist in identification of pressed specimen (e.g. flower color, odor):

Plants pilose, inflorescence with eglandular hairs.

Common Name(s) of Plants:

Prairie Phlox

Photograph Checklist (at minimum):

Habitat:

Plant:

Seed:

PRE-COLLECTION CHECKLIST

The conditions indicated in **boldface** describe ideal population size and seed dispersal stage for seed collecting.

Assess Population & Seed Dispersal Stage			
Approximate area of population:	10	x	150 (feet, yards, miles.....)
Approximate total number of individual plants present and accessible:	0-50	50-500	500-5000 > 5000
Evidence of disturbance or damage:	Resown	Burnt	Sprayed No damage
Readiness of population for collecting: give percentages or circle the most frequently occurring:	Vegetative	In flower	Immature seeds Around natural dispersal Post dispersal
Estimate the number of individual plants at natural dispersal stage:	<50	>50	
Is the population:	A single population A population with distinct sub-populations (Can you sample separately or from the most suitable?)		
Assess Seed Quality & Availability			
On a typical individual, where on the plant/branch/fruit is the seed at natural dispersal stage:	Recognized		
Using a cut test on the seeds at this stage, give percentages or circle the most frequently occurring:	Healthy Insect-damaged Empty Moldy Malformed/other damage		
Estimate the number of healthy seeds per fruit:	3		
Estimate the number of fruits per individual plant:	40		
Should Seed Be Collected On This Trip?			
Using the above information, if you only collect 20% of the healthy seeds available today, will this result in a collection of >10,000 healthy seeds?	Yes		

OTHER LOCATION DATA

If GPS was not used, please state method of obtaining lat. and long.: Altimeter Map Google Earth Other:

Map Publisher:

Series: Scale:

Map Coordinates: Map Date (MM/DD/YY):

HERBARIUM VOUCHERS

Number of Pressed Specimens: 2 3 4 or more Date Voucher Was Taken (MM/DD/YY): 6/24/10

An herbarium voucher has been sent to the National Herbarium at the Smithsonian:

The remaining vouchers will be distributed by the collecting team to the following herbaria:

Regional herbarium: Chicago Botanic Garden

Local herbarium:

SPECIALIST IDENTIFICATION

For collections identified by a specialist, please complete sections below:

Material Identified: In Field From Pressed Specimen on Day of Collection From Pressed Specimen on Another Date From Photograph

Date identified (MM/DD/YY):

Identified by: Organization: