

SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NCBG 381	Collector Code:	NCBG	
Date(s) Collected (MM/DD/YY):	10/21/15	Collector Name(s):	MAGGIE HERATY + JAKE DAKAR	
		Collection Number:	381	
		Alt. Collection Number:	MH41	
COLLECTION DATA				
Family:	ASCLEPIADACEAE	No. of Plants Sampled (min. 50):	80	
Genus:	ASCLEPIAS	No. of Plants Found (approx.):	200	
Species:	SYRIACA	Area Sampled (acres):	2	
Subspecies/Variety:	—	Seeds Collected From:	<input checked="" type="radio"/> Plants <input type="radio"/> Ground <input type="radio"/> Both <input type="radio"/> Unknown	
Plant Habit:	Tree Shrub <input checked="" type="radio"/> Forb <input type="radio"/> Succulent <input type="radio"/> Grass/Grasslike	Plant Height (feet):	4	
Field Notes to assist in identification of pressed specimen (e.g. flower color):				
Common Name(s) of Plants:	COMMON MILKWEED	NRCS PLANTS Code:	ASSY	
LOCATION DATA				
Ecoregion (Omernik Level III):	65	State:	VA	County:
Subunit (BLM area, park name, etc.):	LAKE ANNA STATE PARK	Area within Subunit (trail name, etc.):	WARE FIELD	
Land Owner:	VA STATE PARKS	Non-BLM Permission Filed:	<input checked="" type="radio"/> Y <input type="radio"/> N	
Location Details:	ACCESS ONLY PERMITTED IF ACCOMPANIED BY A PARK RANGER ON STAFF. INQUIRE AT VISITORS CENTER.			
Source Used:	<input checked="" type="radio"/> GPS <input type="radio"/> Map <input type="radio"/> None	Accuracy:	<input checked="" type="radio"/> GPS <input checked="" type="radio"/> Within 5km <input type="radio"/> 6-20km <input type="radio"/> More than 20km	
GPS Datum:	NAD83 NAD27 <input checked="" type="radio"/> WGS84 <input type="radio"/> Other:			
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):	38° 7' 18.8"	N	Elevation:	84
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	77° 50' 27.0"	W	Unit (ft or m):	FEET
HABITAT DATA				
Associated Species (Scientific Name):	TRIPSACUM DACTYLOIDES, RUBUS SP., SOLIDAGO SP., LESPEDEZA CUNEATA, ECHINACEA SP.			
Ecological Site Description, Habitat Type and/or National Vegetation Classification :	OPEN MEADOW			
Modifying Factors:	Mowed Burned Grazed Flooded Seeded Trampled Other:			
Land Form:	MEADOW	Slope (degrees):	0-10°	

Land Use:	CONSERVATION + RECREATION	Aspect:	N NE E SE S <u>(SW)</u> W NW
Geology:	FINE, MIXED, SEMIACTIVE, THERMIC TYPIC MAPLUDULTS		
Soil Texture:	Clay Silt Sand Other: LOAM	Soil Color:	10YR 4/1
HERBARIUM VOUCHERS			
Number of pressed specimens:	2	Date Voucher Taken:	10/21/15
Herbaria Names (Smithsonian, Regional, Local):	NCU, U.S.		
SPECIALIST IDENTIFICATION			
Identified by (name and organizational affiliation):	MAGGIE HERATY, CLM INTERN		
Material Identified:	<input checked="" type="radio"/> In Field	From Pressed Specimen on Day of Collection	Date Identified (MM/DD/YY): 10/21/15
	<input type="radio"/> From Pressed Specimen on Another Date	<input type="radio"/> From Photograph	

PRE-COLLECTION CHECKLIST

This section is for your reference only and not required as part of the data collected by the SOS National Coordinating Office. 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:	x	(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:	<u>A single population</u> 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:				
Estimate the number of fruits per individual plant:				
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?				

(Revised July 1, 2015)