

SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number: NCBG 302		Collector Code: NCBG	
Date(s) Collected (MM/DD/YY): 09/30/15		Collector Name(s): MAGGIE HERATY JAKE DAKAY	
		Collection Number: 302	
		Alt. Collection Number: MH23	
COLLECTION DATA			
Family:	POLYGONACEAE	No. of Plants Sampled (min. 50):	80
Genus:	POLYGONUM	No. of Plants Found (approx.):	1000
Species:	SAGITTATUM	Area Sampled (acres):	1
Subspecies/Variety:		Seeds Collected From:	<input checked="" type="radio"/> Plants <input type="radio"/> Ground <input type="radio"/> Both Unknown
Plant Habit:	<input type="checkbox"/> Tree <input type="checkbox"/> Shrub <input type="checkbox"/> Forb <input type="checkbox"/> Succulent <input checked="" type="checkbox"/> Grass/Grasslike	Plant Height (feet):	8-12 3-5 FT.
Field Notes to assist in identification of pressed specimen (e.g. flower color):	RECURVED PRICKLES ON STEMS AND SAGITTATE LEAVES		
Common Name(s) of Plants:	ARROWLEAF TEARTHUMB	NRCS PLANTS Code:	POSAS
LOCATION DATA			
Ecoregion (Omernik Level III):	63	State:	NC
County:	GATES		
Subunit (BLM area, park name, etc.):	MERCHANTS MILLPOND STATE PARK	Area within Subunit (trail name, etc.):	MEADOW BETWEEN US-158 AND LASSITER TRAIL
Land Owner:	NC STATE PARKS	Non-BLM Permission Filed:	<input checked="" type="radio"/> Y <input type="radio"/> N
Location Details:	FROM US-13N, TAKE A SLIGHT RIGHT ONTO US-158E. GO ~11 MILES AND TURN-OFF WILL BE LOCATED ON THE RIGHT. (ONE TURN-OFF PAST THE ROAD TO THE VISITOR CENTER). FOLLOW GRAVEL ROAD OVER THE CULVERT AND FOLLOW THE GRASSY ROAD FROM THERE. POPULATION LOCATED ON THE RIGHT.		
Source Used:	<input checked="" type="radio"/> GPS <input type="radio"/> Map <input type="radio"/> None	Accuracy:	<input checked="" type="radio"/> GPS <input type="radio"/> Within 5km <input type="radio"/> 6-20km <input type="radio"/> More than 20km
GPS Datum:	<input type="radio"/> NAD83 <input type="radio"/> NAD27 <input checked="" type="radio"/> WGS84 <input type="radio"/> Other:		
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):	36° 26' 54.0"	N	Elevation: 4
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	76° 40' 46.2"	W	Unit (ft or m): FEET
HABITAT DATA			
Associated Species (Scientific Name):	LIQUIDAMBAR STYRACIFLUA, RUBUS SP., MORELLA CERIFERA, APOCYNUM CANABINUM, PINUS PALUSTRIS		
Ecological Site Description, Habitat Type and/or National Vegetation Classification:	MEADOW		
Modifying Factors:	<input type="checkbox"/> Mowed <input type="checkbox"/> Burned <input type="checkbox"/> Grazed <input type="checkbox"/> Flooded <input type="checkbox"/> Seeded <input type="checkbox"/> Trampled <input type="checkbox"/> Other:		
Land Form:	MEADOW	Slope (degrees):	0-2°

Land Use:	CONSERVATION		Aspect:	N NE E SE S SW W NW	
Geology:	CLAYEY, MIXED, THERMIC, AERIC, PALEAQUULTS				
Soil Texture:	Clay Silt Sand Other:	LOAM	Soil Color:	10 YR 5/2	
HERBARIUM VOUCHERS					
Number of pressed specimens:		2	Date Voucher Taken:		
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):	09/30/15
	<input type="radio"/>	From Pressed Specimen on Another Date	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:	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:					
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?					