

SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NCBG-212		Collector Code:	NCBG	
Date(s) Collected (MM/DD/YY):	07/28/15		Collector Name(s):	L. MAYNARD, J. DAKAR, E. DRISKILLS, M. HERATY	
			Collection Number:	212	
			Alt. Collection Number:	LM-4	
COLLECTION DATA					
Family:	CYPERACEAE		No. of Plants Sampled (min. 50):	130	
Genus:	Schoenoplectus		No. of Plants Found (approx.):	500-5000	
Species:	PUNGENS		Area Sampled (acres):	1	
Subspecies/Variety:			Seeds Collected From:	<input checked="" type="checkbox"/> Plants <input type="checkbox"/> Ground <input type="checkbox"/> Both <input type="checkbox"/> Unknown	
Plant Habit:	Tree Shrub Forb Succulent <u>Grass/Grasslike</u>		Plant Height (feet):	3	
Field Notes to assist in identification of pressed specimen (e.g. flower color):	INV. BRACT IS 3-18 CM.				
Common Name(s) of Plants:	COMMON THREESQUARE		NRCS PLANTS Code:	SCPU10	
LOCATION DATA					
Ecoregion (Omernik Level III):	63-MIDATLANTIC CP		State:	MD	
County:	DORCHESTER				
Subunit (BLM area, park name, etc.):	BLACKWATER NATIONAL WILDLIFE REFUGE		Area within Subunit (trail name, etc.):	WILDLIFE DRIVE	
Land Owner:	USFWS		Non-BLM Permission Filed:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Location Details:					
Source Used:	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> Map <input type="checkbox"/> None		Accuracy:	<input checked="" type="checkbox"/> GPS <input type="checkbox"/> Within 5km <input type="checkbox"/> 6-20km <input type="checkbox"/> More than 20km	
GPS Datum:	NAD83 NAD27 <u>WGS84</u> Other:				
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):	38° 26' 28.7"		N	Elevation:	18
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	76° 05' 53.0"		W	Unit (ft or m):	FT
HABITAT DATA					
Associated Species (Scientific Name):	HIBISCUS SP., TYPHA LATIFOLIA, ILEX OPACA, PINUS ECHINATA, ACER RUBRUM, JUNCUS EFFUSUS, PITHAGMITES AUSTRALIS				
Ecological Site Description, Habitat Type and/or National Vegetation Classification:	ROADSIDE DITCH				
Modifying Factors:	Mowed Burned Grazed Flooded Seeded Trampled Other:				
Land Form:	WET DITCH		Slope (degrees):	0-2°	

Land Use:	CONSERVATION	Aspect:	N NE E SE S SW W NW
Geology:	FINE-SILTY, MIXED, MESIC TYPIC OCHRAQUULTS		
Soil Texture:	Clay Silt Sand <u>Other</u> PEAT	Soil Color:	5 YR 2.5/2

HERBARIUM VOUCHERS

Number of pressed specimens:	2	Date Voucher Taken:	07/28/15
Herbaria Names (Smithsonian, Regional, Local):	NCU, US		

SPECIALIST IDENTIFICATION

Identified by (name and organizational affiliation):	LAUREN MAYNARD		
Material Identified:	<input checked="" type="radio"/> <u>In Field</u> From Pressed Specimen on Day of Collection <input type="radio"/> From Pressed Specimen on Another Date <input type="radio"/> From Photograph	Date Identified (MM/DD/YY):	07/28/15

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?				