

SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NCBG-444	Collector Code:	NCBG
Date(s) Collected (MM/DD/YY):	06/30/16	Collector Name(s):	ALF, JED, SW, MF, MRQ
		Collection Number:	444
		Alt. Collection Number:	MF-36
COLLECTION DATA			
Family:	JUNCACEAE	No. of Plants Sampled (min. 50):	309
Genus:	JUNCUS	No. of Plants Found (approx.):	5,000+
Species:	ROEMERIANUS	Area Sampled (acres):	15 ac
Subspecies/Variety:	—	Seeds Collected From:	<input checked="" type="radio"/> Plants <input type="radio"/> Ground <input type="radio"/> Both <input type="radio"/> 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):	3 ft +
Field Notes to assist in identification of pressed specimen (e.g. flower color):	Culm ends in a sharp point		
Common Name(s) of Plants:	NEEDLEGRASS RUSH	NRCS PLANTS Code:	JURO
LOCATION DATA			
Ecoregion (Omernik Level III):	63	State:	MD
Subunit (BLM area, park name, etc.):	POINT LOOKOUT STATE PARK	County:	ST. MARY'S
Land Owner:	MD DNR	Area within Subunit (trail name, etc.):	PARK STORE PIER
		Non-BLM Permission Filed:	<input checked="" type="radio"/> Y <input type="radio"/> N
Location Details:	FROM SCOTLAND, MD, HEAD S ON MD5 S, GO 3.6 MILES, TURN RIGHT INTO PARK STORE PARKING LOT. POPULATION ON WATER'S EDGE AROUND STORE AND PIER.		
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:	NAD83 <input type="checkbox"/> NAD27 <input checked="" type="checkbox"/> WGS84 <input type="checkbox"/> Other:		
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):	38° 3' 11.9484" N	Elevation:	1
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	76° 19' 32.1954" W	Unit (ft or m):	M
HABITAT DATA			
Associated Species (Scientific Name):	INA FRUTESCENS — FRUTESCENS, PHRAGMITES AUSTALIS, BOLBOSCHOENUS ROBUSTUS, PANICUM VIRGATUM, DISTICHLIS SPICATA, SPARTINA SPP.		
Ecological Site Description, Habitat Type and/or National Vegetation Classification:	BRACKISH MARSH		
Modifying Factors:	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: <input type="checkbox"/>		
Land Form:	MARSH	Slope (degrees):	0

Land Use:	CONSERVATION/RECREATION	Aspect:	N NE E SE S SW W NW
Geology:	FINE SILTY MIXED ACTIVE MESIC TYPIC ENDOAQUOLTS		
Soil Texture:	Clay Silt Sand Other: SILT LOAM	Soil Color:	10 YR 3/1
HERBARIUM VOUCHERS			
Number of pressed specimens:	2	Date Voucher Taken:	6/30/16
Herbaria Names (Smithsonian, Regional, Local):	NCU, US		
SPECIALIST IDENTIFICATION			
Identified by (name and organizational affiliation):	MELANIE FLOOD		
Material Identified:	<u>In Field</u> From Pressed Specimen on Day of Collection	Date Identified (MM/DD/YY):	06/30/16
	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:	<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?			