SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NCBG -215	**Collector Code:**	NCBG
Date(s) Collected (MM/DD/YY, up to two dates):	7/13/15	**Collector Name(s):**	J. DAKAR, L. MAYNARD, M. TERRY, E. DRISKILL
		Collection Number:	215
Dates (if > two dates, separate with a comma):		**Alt. Collection Number:**	JD-99

COLLECTION DATA

Family:	JUNCACEAE	**No. of Plants Sampled** (min. 50):	230
Genus:	JUNCUS	**No. of Plants Found** (approx.):	75000
Species:	EFFUSUS	**Area Sampled** (acres):	1
Subspecies/Variety:		**Seeds Collected From:** (Plants) Ground Both Unknown	
Plant Habit:	Tree Shrub (Forb) Succulent Grass/Grasslike	**Plant Height** (feet):	3.5
Field Notes to assist in identification of pressed specimen (e.g. flower color):	INFLORESCENCE APPEARING LATERAL, LIGHT BROWN CAPSULES		
Common Name(s) of Plants:	COMMON RUSH	**NRCS PLANTS Code:**	JUEF

LOCATION DATA

Ecoregion (Omernik Level III):	63 MIDATLANTIC CP	**State:**	NC	**County:**	TYRELL
Subunit (BLM area, park name, etc.):	POCOSIN LAKES NATIONAL WILDLIFE REFUGE	**Area within Subunit** (trail name, etc.):	NORTHERN RD		
Land Owner:	USFWS	**Non-BLM PermissionFiled:**	(Y) N		
Location Details:	SOUTH ON NC-94 FROM NC-64, 6.7 mi, R ONTO NORTHERN RD, 0.9 mi, ON LEFT AND RIGHT.				
Source Used:	(GPS) Map None	**Accuracy:**	GPS (Within 5km) 6-20km More than 20km		
GPS Datum:	NAD83 NAD27 (WGS84) Other:				
Latitiude (dg/min/sec) (ex: 40° 34' 19.5" N):	35° 42' 31.6" N	**Elevation:**	11		
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	76° 20' 28.0" W	**Unit** (ft or m):	ft		

HABITAT DATA

Associated Species (Scientific Name):	CAREX LURIDA, TYPHA LATIFOLIA, PINUS ECHINATA, ACER RUBRUM, TOXICODENDRON RADICANS
Ecological Site Description, Habitat Type and/or National Vegetation Classification :	MARSH
Modifying Factors:	Mowed Burned Grazed Flooded Seeded Trampled Other: N/A
Land Form:	ROADSIDE **Slope** (degrees): 0-2°

(Revised May 29, 2015)

Land Use:	CONSERVATION	**Aspect:**	*N NE E SE S SW W NW*
Geology:	DYSIC, THERMIC TYPIC MEDISAPRISTS		
Soil Texture:	*Clay Silt Sand* (Other) MUCK	**Soil Color:**	5 YR 1/1

HERBARIUM VOUCHERS

Number of pressed specimens:	2	**Date Voucher Taken:**	7/13/15
Herbaria Names (Smithsonian, Regional, Local):	NCU, US		

SPECIALIST IDENTIFICATION

Identified by (name and organizational affiliation):	JACOB DAICAR		
Material Identified:	(*In Field*) *From Pressed Specimen on Day of Collection* *From Pressed Specimen on Another Date* *From Photograph*	**Date Identified** (MM/DD/YY):	7/13/15

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:

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?