SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NCBG - 526	Collector Code:	NCBG
Date(s) Collected (MM/DD/YY):	09/19/16	Collector Name(s):	JACOB DAKAR
		Collection Number:	526
		Alt. Collection Number:	JD - 175

COLLECTION DATA

Family:	XYRIDACEAE	No. of Plants Sampled (min. 50):	53
Genus:	XYRIS	No. of Plants Found (approx.):	500 +
Species:	DIFFORMIS	Area Sampled (acres):	1
Subspecies/Variety:	—	Seeds Collected From:	(Plants) Ground Both Unknown
Plant Habit:	Tree Shrub Forb Succulent (Grass/Grasslike)	Plant Height (feet):	1
Field Notes to assist in identification of pressed specimen (e.g. flower color):			
Common Name(s) of Plants:	BOG YELLOWEYED GRASS	NRCS PLANTS Code:	XYDI

LOCATION DATA

Ecoregion (Omernik Level III):	65	State:	MD	County:	ANNE ARUNDELL
Subunit (BLM area, park name, etc.):	PATUXENT RESEARCH REFUGE	Area within Subunit (trail name, etc.):	NEW MARSH		
Land Owner:	US FWS	Non-BLM Permission Filed:	(Y) N		
Location Details:	FROM TIPTON AIRPORT, HEAD NW ON MD-198, LEFT ON BALD EAGLE DR, RIGHT AT T, LEFT TO STAY ON WILDLIFE LOOP, DRIVE 5 MILES TO NEW MARSH. POPULATION ON FAR SIDE OF SECOND POND.				
Source Used:	(GPS) Map None	Accuracy:	(GPS) Within 5km 6-20km More than 20km		
GPS Datum:	(NAD83) NAD27 WGS84 Other:				
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):	39° 03' 29.3"	N	Elevation:	84	
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	76° 44' 30.8"	W	Unit (ft or m):	FT	

HABITAT DATA

Associated Species (Scientific Name):	RHEXIA NASHII, PINUS TAEDA, LIQUIDAMBAR STYRACIFLUA, FIMBRISTYLIS AUTUMNALIS, CYPERUS SP., AGALINIS PURPUREA, HYPERICUM SP., SCIRPUS CYPERINUS
Ecological Site Description, Habitat Type and/or National Vegetation Classification :	WOOLGRASS POND
Modifying Factors:	Mowed Burned Grazed Flooded Seeded Trampled Other:
Land Form:	POND — Slope (degrees): 0-2°

Land Use:	CONSERVATION / RECREATION	**Aspect:**	N NE E SE S SW W NW
Geology:	COARSE-LOAMY, MIXED, ACTIVE, MESIC FLUVAQUENTIC DYSTRUDEPTS		
Soil Texture:	Clay Silt Sand (Other) SILT LOAM	**Soil Color:**	10YR 4/4

HERBARIUM VOUCHERS

Number of pressed specimens:	2	**Date Voucher Taken:**	09/19/16
Herbaria Names (Smithsonian, Regional, Local):	NCU, US		

SPECIALIST IDENTIFICATION

Identified by (name and organizational affiliation):	JACOB DAKAR, NCBG		
Material Identified:	(In Field) *From Pressed Specimen on Day of Collection* *From Pressed Specimen on Another Date* *From Photograph*	**Date Identified** (MM/DD/YY):	09/19/16

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?