

SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number: NCBG - 636		Collector Code: NCBG	
Date(s) Collected (MM/DD/YY): 11/09/16		Collector Name(s): JD, CH	
		Collection Number: 636	
		Alt. Collection Number: 636 JD-215	
COLLECTION DATA			
Family: POACEAE	No. of Plants Sampled (min. 50): 60		
Genus: SACCHARUM	No. of Plants Found (approx.): 200		
Species: ALOPECUROIDES	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: <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		
Field Notes to assist in identification of pressed specimen (e.g. flower color):			
Common Name(s) of Plants: SILVER PLUME GRASS		NRCS PLANTS Code: SAAL21	
LOCATION DATA			
Ecoregion (Omernik Level III): 45		State: NC	County: CHATHAM
Subunit (BLM area, park name, etc.):	Area within Subunit (trail name, etc.):		
Land Owner: DOT NC DOT	Non-BLM Permission Filed: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
Location Details: FROM PITTSBORO, NC TAKE US 15/501 N FOR 8 MILES. POPULATION AT EDGE OF POWERLINE CORRIDOR ON LEFT			
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: <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> WGS84 <input type="checkbox"/> Other:			
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N): 35° 49' 22.8" N	Elevation: 539		
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W): 79° 05' 09.7" W	Unit (ft or m): FT		
HABITAT DATA			
Associated Species (Scientific Name):	DICANTHEMUM SCOPARIUM, VERBESINA ALTERNIFOLIA, SCHIZACRYMUM SCOPARIUM, RUBUS PENNSYLVANICUM, RUBUS SP., HESPEROEZA CUNEATA		
Ecological Site Description, Habitat Type and/or National Vegetation Classification:	POWERLINE CORRIDOR		
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: POWER CORRIDOR	Slope (degrees): 0-2		

Land Use:	POWER LINE CORRIDOR	Aspect:	N NE E SE S SW W NW
Geology:	FINE, KAOLINITIC, THERMIC TYPIC KANHAPLUDULTS		
Soil Texture:	Clay Silt Sand Other: SANDY LOAM	Soil Color:	10 YR 4/2
HERBARIUM VOUCHERS			
Number of pressed specimens:	2	Date Voucher Taken:	11/09/16
Herbaria Names (Smithsonian, Regional, Local):	NCU, US		
SPECIALIST IDENTIFICATION			
Identified by (name and organizational affiliation):	JAKE DAKAR, NCBG		
Material Identified:	<u>In Field</u> From Pressed Specimen on Day of Collection	Date Identified (MM/DD/YY):	11/09/16
	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?				