

SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NCBG - 628	Collector Code:	NCBG
Date(s) Collected (MM/DD/YY):	11/01/16	Collector Name(s):	CH, SW
		Collection Number:	628
		Alt. Collection Number:	SW-38

COLLECTION DATA

Family:	POACEAE	No. of Plants Sampled (min. 50):	200
Genus:	TRIDENS	No. of Plants Found (approx.):	1000+
Species:	FLAVUS	Area Sampled (acres):	2
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):	4-5

Field Notes to assist in identification of pressed specimen (e.g. flower color):

Common Name(s) of Plants: PURPLETOP TRIDENS

NRCS PLANTS Code: TRFL2

LOCATION DATA

Ecoregion (Omernik Level III):	64	State:	VA	County:	CULPEPER
Subunit (BLM area, park name, etc.):	BRANDY STATION - CIVIL WAR LAND TRUST	Area within Subunit (trail name, etc.):	OFF SAINT JAMES CHURCH RD		
Land Owner:	CIVIL WAR PRESERVATION TRUST	Non-BLM Permission Filed:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
Location Details:	HEAD NE ON RT-685 AWAY FROM BRANDY STATION, LEFT ONTO COBBS LEGION RD, LEFT ONTO RT-676, POPULATION ON RIGHT IN ~ 2 MI				
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):	38° 31' 47.649"		N	Elevation:	332
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	77° 52' 3.099'		W	Unit (ft or m):	FT

HABITAT DATA

Associated Species (Scientific Name):	SCUTELLERIA INTEGRIFOLIA, SORGHASTRUM ELLIOTTII, TOXICODENDRON RADICANS, APICYNUM CANNABINUM, CYPERUS STRIGOSUS, RUBUS SP.
Ecological Site Description, Habitat Type and/or National Vegetation Classification:	MEADOW
Modifying Factors:	<input checked="" 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:	MEADOW
Slope (degrees):	0-2

Land Use:	CONSERVATION & RECREATION	Aspect:	N NE E SE S SW W NW
Geology:	FINE, VERMICULITIC, MESIC AQUULTIC HAPLUDALFS		
Soil Texture:	Clay Silt Sand <u>Other:</u> SILT LOAM	Soil Color:	7.5 YR 4/4
HERBARIUM VOUCHERS			
Number of pressed specimens:	2	Date Voucher Taken:	11/01/16
Herbaria Names (Smithsonian, Regional, Local):	NCU, US		
SPECIALIST IDENTIFICATION			
Identified by (name and organizational affiliation):	SAMANTHA WALKER, NCIBG		
Material Identified:	<u>In Field</u> From Pressed Specimen on Day of Collection	Date Identified (MM/DD/YY):	11/01/16
	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?			