SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NCBG-423	**Collector Code:**	NCBG
Date(s) Collected (MM/DD/YY):	11/11/15	**Collector Name(s):**	A. FAUCETTE, C. DAVIS
		Collection Number:	423
		Alt. Collection Number:	ALF 503

COLLECTION DATA

Family:	CUPRESSACEAE	**No. of Plants Sampled** (min. 50):	50
Genus:	CHAMAECYPARIS	**No. of Plants Found** (approx.):	200
Species:	THYOIDES	**Area Sampled** (acres):	30
Subspecies/Variety:		**Seeds Collected From:** (Plants) Ground Both Unknown	
Plant Habit:	(Tree) Shrub Forb Succulent Grass/Grasslike	**Plant Height** (feet):	30+
Field Notes to assist in identification of pressed specimen (e.g. flower color):			
Common Name(s) of Plants:	ATLANTIC WHITE CEDAR	**NRCS PLANTS Code:**	CHTH2

LOCATION DATA

Ecoregion (Omernik Level III):	63- MID ATLANTIC CP	**State:** NC	**County:** WASHINGTON
Subunit (BLM area, park name, etc.):	PETTIGREW STATE PARK	**Area within Subunit** (trail name, etc.):	WESTOVER LANE
Land Owner:	NCDP&R	**Non-BLM Permission Filed:** (Y) N	
Location Details:	TAKE ST. DAVID RD FROM HWY 64 AT CRESWELL. DRIVE APPROX. 1.5 MILES, TURN RIGHT ON WESTOVER LANE. POP. IS APPROX. 1.5 MILES FROM BARGATE ON LEFT.		
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):	35° 52' 03" N	**Elevation:**	5
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	76° 21' 12" W	**Unit** (ft or m):	m

HABITAT DATA

Associated Species (Scientific Name):	PINUS TAEDA, ILEX OPACA, PERSEA PALUSTRIS, GELSEMIUM SEMPERVIRENS, SORGHASTRUM NUTANS, EUPATORIUM HYSSOPIFOLIUM
Ecological Site Description, Habitat Type and/or National Vegetation Classification :	BOTTOMLAND FOREST
Modifying Factors:	Mowed Burned Grazed Flooded Seeded Trampled Other:
Land Form:	BOTTOMLAND FOREST — **Slope** (degrees): 0°

Land Use:	CONSERVATION & RECREATION	**Aspect:**	*N NE E SE S SW W NW*
Geology:	FINE-LOAMY, MIXED, SEMIACTIVE, THERMIC AQUIC HAPLUDULTS		
Soil Texture:	*Clay Silt Sand Other:* LOAM	**Soil Color:**	10 YR 5/2

HERBARIUM VOUCHERS

Number of pressed specimens:	2	**Date Voucher Taken:**	11-11-15
Herbaria Names (Smithsonian, Regional, Local):	US, NCU		

SPECIALIST IDENTIFICATION

Identified by (name and organizational affiliation):	AMANDA FAUCETTE, 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):	11/11/15

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?