SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NCBG-393	**Collector Code:**	NCBG
Date(s) Collected (MM/DD/YY):	11/02/15	**Collector Name(s):**	MAGGIE HERATY + JAKE DAKAR
		Collection Number:	393
		Alt. Collection Number:	MH43

COLLECTION DATA

Family:	SMILACACEAE	**No. of Plants Sampled (min. 50):**	70
Genus:	SMILAX	**No. of Plants Found (approx.):**	10,000
Species:	LAURIFOLIA	**Area Sampled (acres):**	4
Subspecies/Variety:		**Seeds Collected From:**	(Plants) Ground Both Unknown
Plant Habit:	Tree Shrub (Forb) Succulent Grass/Grasslike	**Plant Height (feet):**	5-7
Field Notes to assist in identification of pressed specimen (e.g. flower color):			
Common Name(s) of Plants:	LAUREL GREENBRIER	**NRCS PLANTS Code:**	SMLA

LOCATION DATA

Ecoregion (Omernik Level III):	63	**State:**	NC	**County:**	WASHINGTON
Subunit (BLM area, park name, etc.):	POCOSIN LAKES NWR	**Area within Subunit** (trail name, etc.):	SHORE DRIVE ROADSIDE		
Land Owner:	USFWS	**Non-BLM Permission Filed:**	(Y) N		
Location Details:	FROM PLYMOUTH, NC: TAKE US-64 E. TURN LEFT ONTO NC-32 N. TURN RIGHT ONTO NEWLAND ROAD. TURN RIGHT ONTO SHORE DRIVE. CONTINUE FOR 6.8 MILES. POPULATION LOCATED ON RIGHT ALONG ROADSIDE DITCH, PAST CONMAN'S SHOP.				
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° 44' 42.4" N	**Elevation:**	14		
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	76° 29' 34.0" W	**Unit** (ft or m):	FEET		

HABITAT DATA

Associated Species (Scientific Name):	MORELLA CERIFERA, SMILAX ROTUNDIFOLIA, PERSEA PALUSTRIS, ITEA VIRGINICA, CEPHALANTHUS OCCIDENTALIS
Ecological Site Description, Habitat Type and/or National Vegetation Classification :	ROADSIDE MARSH
Modifying Factors:	Mowed Burned Grazed Flooded Seeded Trampled Other:
Land Form:	ROADSIDE MARSH — **Slope** (degrees): 0-2°

Land Use:	CONSERVATION	**Aspect:**	*N NE E SE S SW W NW*
Geology:	DYSIC, THERMIC TYPIC HAPLOSAPRISTS		
Soil Texture:	*Clay Silt Sand Other:* MUCK	**Soil Color:**	5YR 2.5/2

HERBARIUM VOUCHERS

Number of pressed specimens:	2	**Date Voucher Taken:**	11/02/15
Herbaria Names (Smithsonian, Regional, Local):	NCU, U.S.		

SPECIALIST IDENTIFICATION

Identified by (name and organizational affiliation):	MAGGIE HERATY, 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):	11/02/15

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?