SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	10-15-14-004	**Collector Code:**	
Date(s) Collected (MM/DD/YY):	10/15/14	**Collector Name(s):**	Ali T & Brandon W
		Collection Number:	
		Alt. Collection Number:	

COLLECTION DATA

Family:	Apocynaceae	**No. of Plants Sampled** (min. 50):	25
Genus:	Asclepias	**No. of Plants Found** (approx.):	100
Species:	verticillata	**Area Sampled** (acres):	0.94
Subspecies/Variety:		**Seeds Collected From:**	(Plants) Ground Both Unknown
Plant Habit:	Tree Shrub (Forb) Succulent Grass/Grasslike	**Plant Height** (feet):	2-3 ft
Field Notes to assist in identification of pressed specimen (e.g. flower color):			
Common Name(s) of Plants:	Whorled Milkweed	**NRCS PLANTS Code:**	

LOCATION DATA

Ecoregion (Omernik Level III):	Carolina Slate Belt	**State:**	NC	**County:**	Orange
Subunit (BLM area, park name, etc.):	E. Roadside	**Area within Subunit** (trail name, etc.):			
Land Owner:		**Non-BLM Permission Filed:**		Y N	
Location Details:	Orange Grove Rd. N of Lalotha Ln + South of Mystic Ln				
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):	36.001513 N	**Elevation:**	629.9		
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	-79.180988 W	**Unit** (ft or m):	ft		

HABITAT DATA

Associated Species (Scientific Name):	Nabalus altissimus, Asclepias tuberosa, Euybia compacta, Eutrochium fistulosum, Tephrosia virginiana
Ecological Site Description, Habitat Type and/or National Vegetation Classification :	
Modifying Factors:	(Mowed) Burned Grazed Flooded Seeded Trampled Other:
Land Form:	**Slope** (degrees): 2-6%

Land Use:		**Aspect:**	*N NE E SE S SW W NW*
Geology:	Hurdon Silt Loam		
Soil Texture:	*Clay Silt Sand Other:*	**Soil Color:**	

HERBARIUM VOUCHERS

Number of pressed specimens:		**Date Voucher Taken:**	
Herbaria Names (Smithsonian, Regional, Local):			

SPECIALIST IDENTIFICATION

Identified by (name and organizational affiliation):	Alt + Brander W		
Material Identified:	(In Field) *From Pressed Specimen on Day of Collection* *From Pressed Specimen on Another Date* *From Photograph*	**Date Identified** (MM/DD/YY):	10/15/14

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?