SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NCBG - 1075	**Collector Code:**	NCBG
Date(s) Collected (MM/DD/YY):	11/16/16	**Collector Name(s):**	CH, MF
		Collection Number:	1075
		Alt. Collection Number:	CH-21

COLLECTION DATA

Family:	ASTERACEAE	**No. of Plants Sampled** (min. 50):	75
Genus:	EUPATORIUM	**No. of Plants Found** (approx.):	800+
Species:	HYSSOPIFOLIUM	**Area Sampled** (acres):	3
Subspecies/Variety:		**Seeds Collected From:**	(Plants) Ground Both Unknown
Plant Habit:	Tree Shrub (Forb) Succulent Grass/Grasslike	**Plant Height** (feet):	1 - 3
Field Notes to assist in identification of pressed specimen (e.g. flower color):			
Common Name(s) of Plants:	HYSSOPLEAF THOROUGHWORT	**NRCS PLANTS Code:**	EUHY

LOCATION DATA

Ecoregion (Omernik Level III):	45	**State:** VA	**County:** SPOTSYLVANIA
Subunit (BLM area, park name, etc.):	LAKE ANNA STATE PARK	**Area within Subunit** (trail name, etc.):	WATER FIELD
Land Owner:	VA DCR	**Non-BLM Permission Filed:**	(Y) N
Location Details:	ACCESS ONLY BY PERMISSION OF PARK OFFICE. HEADS ON STUBBS BRIDGE RD, TURN LEFT ONTO PURCELL LN, KEEP RIGHT ONTO STUBBS COVE LN, POPULATION IN FIELD		
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):	38° 07' 43.2" N	**Elevation:**	342
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	77° 50' 21.5" W	**Unit** (ft or m):	FT

HABITAT DATA

Associated Species (Scientific Name):	SOLIDAGO JUNCEA, LESPEDEZA CAPITATA, LESPEDEZA CUNEATA, TRIPSACUM DACTYLOIDES, RUBUS SP., TRICHOSTEMA DICHOTOMUM, DICHANTHELIUM SCOPARIUM.
Ecological Site Description, Habitat Type and/or National Vegetation Classification :	MEADOW
Modifying Factors:	Mowed Burned Grazed Flooded Seeded Trampled Other:
Land Form:	MEADOW
Slope (degrees):	0-2

Land Use:	CONSERVATION | RECREATION	**Aspect:**	*N NE E SE S SW W NW*
Geology:	FINE, MIXED, SEMIACTIVE, THERMIC TYPIC HAPLUDULTS		
Soil Texture:	*Clay Silt Sand Other:* SILT LOAM	**Soil Color:**	7.5 YR 4/4

HERBARIUM VOUCHERS

Number of pressed specimens:	2	**Date Voucher Taken:**	11/16/16
Herbaria Names (Smithsonian, Regional, Local):	NCU, US		

SPECIALIST IDENTIFICATION

Identified by (name and organizational affiliation):	CAROLINE HEALY – 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):	11/16/16

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?