

SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NCBG 294	Collector Code:	NCBG
Date(s) Collected (MM/DD/YY):	09/23/15	Collector Name(s):	MAGGIE HERATY + JAKE DAKAR
		Collection Number:	294
		Alt. Collection Number:	MH22
COLLECTION DATA			
Family:	ASTERACEAE	No. of Plants Sampled (min. 50):	75
Genus:	MIKANIA	No. of Plants Found (approx.):	200
Species:	SCANDENS	Area Sampled (acres):	2
Subspecies/Variety:		Seeds Collected From:	<u>Plants</u> Ground Both Unknown
Plant Habit:	Tree Shrub <u>(Forb)</u> Succulent Grass/Grasslike	Plant Height (feet):	~2 FT.
Field Notes to assist in identification of pressed specimen (e.g. flower color):			
Common Name(s) of Plants:	CLIMBING HEMPVINE	NRCS PLANTS Code:	MISC
LOCATION DATA			
Ecoregion (Omernik Level III):	65	State:	MD
County:	CALVERT	Area within Subunit (trail name, etc.):	BEAVER DAM AT SWAMP TRAIL
Subunit (BLM area, park name, etc.):	PARKERS CREEK PRESERVE - SOUTH SIDE TRAILS	Land Owner:	AMERICAN CHESTNUT LAND TRUST
Non-BLM Permission Filed:			<u>(Y)</u> N
Location Details:	FROM MD-45. TURN LEFT ON PARKERS CREEK ROAD. RIGHT ON SCIENTISTS CLIFFS RD. AT ASPEN ROAD INTERSECTION, PARK AT PARKERS CREEK PRESERVE LOT. TAKE SWAMP TRAIL TO BEAVER DAM SITE. POPULATION IN MARSH AND CREEK AREA.		
Source Used:	<u>GPS</u> Map None	Accuracy:	<u>GPS</u> <u>Within 5km</u> 6-20km More than 20km
GPS Datum:	NAD83 NAD27 <u>WGS84</u> Other:		
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):	38° 31' 10.7" N	Elevation:	24
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	76° 31' 31.3" W	Unit (ft or m):	FT.
HABITAT DATA			
Associated Species (Scientific Name):	LOBELIA CARDINALIS, TYPHA LATIFOLIA, POLYGONUM SAGITTATUM, POLYGONUM ARIFOLIUM, LINDERA BENZOIN, IMPATIENS CAPENSIS		
Ecological Site Description, Habitat Type and/or National Vegetation Classification:	STREAMSIDE SWAMP		
Modifying Factors:	Mowed Burned Grazed Flooded Seeded Trampled Other:		
Land Form:	SWAMP	Slope (degrees):	0°

Land Use:	CONSERVATION + RECREATION	Aspect:	N NE E SE S SW W NW
Geology:	COARSE-LOAMY, SILICEOUS, ACTIVE, ACID, MESIC TYPIC FLUVAQUENTS		
Soil Texture:	Clay <u>Silt</u> Sand Other: LOAM	Soil Color:	7.5 YR 3/2

HERBARIUM VOUCHERS

Number of pressed specimens:	2	Date Voucher Taken:	09/23/15
Herbaria Names (Smithsonian, Regional, Local):	NCU, U.S.		

SPECIALIST IDENTIFICATION

Identified by (name and organizational affiliation):	MAGGIE HERATY, CLM INTERN		
Material Identified:	<u>In Field</u> From Pressed Specimen on Day of Collection From Pressed Specimen on Another Date From Photograph	Date Identified (MM/DD/YY):	09/23/15

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?				