

SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NCBG - 635	Collector Code:	NCBG
Date(s) Collected (MM/DD/YY):	11/02/16	Collector Name(s):	CH, SW
		Collection Number:	635
		Alt. Collection Number:	CH-17
COLLECTION DATA			
Family:	BETULACEAE	No. of Plants Sampled (min. 50):	69
Genus:	ALNUS	No. of Plants Found (approx.):	100+
Species:	SERRULATA	Area Sampled (acres):	2
Subspecies/Variety:		Seeds Collected From:	<input checked="" type="radio"/> Plants <input type="radio"/> Ground <input type="radio"/> Both Unknown
Plant Habit:	<input checked="" type="radio"/> Tree <input type="radio"/> Shrub <input type="radio"/> Forb <input type="radio"/> Succulent <input type="radio"/> Grass/Grasslike	Plant Height (feet):	7-8
Field Notes to assist in identification of pressed specimen (e.g. flower color):			
Common Name(s) of Plants:	HAZEL ALDER	NRCS PLANTS Code:	ALSE2
LOCATION DATA			
Ecoregion (Omernik Level III):	GS	State:	MD
Subunit (BLM area, park name, etc.):	SMALLWOOD STATE PARK	County:	CHARLES
Land Owner:	MD DNR	Area within Subunit (trail name, etc.):	MARSH OFF SWEDEN POINT RD
Location Details:	HEAD N ON MD-224 N, TURN LEFT ONTO SWEDEN POINT RD. MARSH ON LEFT IN N 2 MI		
Source Used:	<input checked="" type="radio"/> GPS <input type="radio"/> Map <input type="radio"/> None	Accuracy:	<input checked="" type="radio"/> GPS <input type="radio"/> Within 5km <input type="radio"/> 6-20km <input type="radio"/> More than 20km
GPS Datum:	<input checked="" type="radio"/> NAD83 <input type="radio"/> NAD27 <input type="radio"/> WGS84 <input type="radio"/> Other:		
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):	38° 33' 23.241"	N	Elevation:
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	77° 11' 8.152"	W	Unit (ft or m):
			FT
HABITAT DATA			
Associated Species (Scientific Name):	POLYGONUM SAGITTATUM, LIQUIDAMBAR STYRACIFLUA, SALIX NIGRA, LEERSIA ORYZOIDES, SAURURUS, CERNUUS.		
Ecological Site Description, Habitat Type and/or National Vegetation Classification:	FRESHWATER MARSH		
Modifying Factors:	Mowed <input type="radio"/> Burned <input type="radio"/> Grazed <input checked="" type="radio"/> Flooded <input type="radio"/> Seeded <input type="radio"/> Trampled <input type="radio"/> Other:		
Land Form:	MARSH	Slope (degrees):	0-2

Land Use:	CONSERVATION & RECREATION	Aspect:	N NE E SE S SW W NW
Geology:	FINE-SILTY, MIXED, ACTIVE, NONACID, MESIC TYPIC HYDRAQUENTS		
Soil Texture:	Clay Silt Sand <u>Other:</u> SILT LOAM	Soil Color:	5 YR 2.5 / 2
HERBARIUM VOUCHERS			
Number of pressed specimens:	2	Date Voucher Taken:	11/02/16
Herbaria Names (Smithsonian, Regional, Local):	NCW, US		
SPECIALIST IDENTIFICATION			
Identified by (name and organizational affiliation):	CAROLINE HEALY, NCBG		
Material Identified:	<u>In Field</u> From Pressed Specimen on Day of Collection	Date Identified (MM/DD/YY):	11/02/16
	From Pressed Specimen on Another Date From Photograph		

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:	<u>A single population</u> 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?			