

SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number: NCBG - 699		Collector Code: NCBG
Date(s) Collected (MM/DD/YY): 11/23/16	Collector Name(s): A. FAUCETTE	
	Collection Number: 699	
	Alt. Collection Number: ALF-591	
COLLECTION DATA		
Family: ASTERACEAE	No. of Plants Sampled (min. 50): 50	
Genus: CHRYSOPSIS	No. of Plants Found (approx.): 500	
Species: MARIANA	Area Sampled (acres): 2	
Subspecies/Variety: _____	Seeds Collected From: Plants <input type="checkbox"/> Ground <input type="checkbox"/> Both <input type="checkbox"/> Unknown <input type="checkbox"/>	
Plant Habit: Tree <input type="checkbox"/> Shrub <input type="checkbox"/> Forb <input checked="" type="checkbox"/> Succulent <input type="checkbox"/> Grass/Grasslike <input type="checkbox"/>	Plant Height (feet): 2	
Field Notes to assist in identification of pressed specimen (e.g. flower color): _____		
Common Name(s) of Plants: MARYLAND GOLDENASTER		NRCS PLANTS Code: CHMA14
LOCATION DATA		
Ecoregion (Omernik Level III): 45		State: NC County: NASH
Subunit (BLM area, park name, etc.): _____	Area within Subunit (trail name, etc.): SKYLAND DR	
Land Owner: NC DOT	Non-BLM Permission Filed: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	
Location Details: FROM TAYLOR'S STORE RD, DRIVE EAST ON SKYLAND DR 1/2 MILE, POPULATION ON BOTH SIDES.		
Source Used: <input checked="" type="checkbox"/> GPS <input type="checkbox"/> Map <input type="checkbox"/> None	Accuracy: <input checked="" type="checkbox"/> GPS <input type="checkbox"/> Within 5km <input type="checkbox"/> 6-20km <input type="checkbox"/> More than 20km	
GPS Datum: <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> WGS84 <input type="checkbox"/> Other:		
Latitude (dg/min/sec) (ex: 40° 34' 19.5" N): 36° 10' 44.4"	N	Elevation: 237
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W): 77° 59' 59.6"	W	Unit (ft or m): FT
HABITAT DATA		
Associated Species (Scientific Name):	LONICERA JAPONICA, Pycnanthemum tenuifolium, Symphyotrichum concolor, Liquidambar styraciflua, Rubus pennsylvanica, Solidago sp.	
Ecological Site Description, Habitat Type and/or National Vegetation Classification:	ROADSIDE	
Modifying Factors: Mowed <input type="checkbox"/> Burned <input type="checkbox"/> Grazed <input type="checkbox"/> Flooded <input type="checkbox"/> Seeded <input type="checkbox"/> Trampled <input type="checkbox"/> Other:		
Land Form: ROADSIDE	Slope (degrees): 0-2°	

Land Use:	TRANSPORTATION	Aspect:	N NE E SE S SW W NW
Geology:	FINE, KAOLINITIC, THERMIC TYPIC KAN HAPLUDDULTS		
Soil Texture:	Clay Silt Sand <u>Other:</u> SILT LOAM	Soil Color:	10 YR 4/4
HERBARIUM VOUCHERS			
Number of pressed specimens:	2	Date Voucher Taken:	11/23/16
Herbaria Names (Smithsonian, Regional, Local):	NCW, US		
SPECIALIST IDENTIFICATION			
Identified by (name and organizational affiliation):	AMANDA FAUCETTE, NCBO		
Material Identified:	<u>In Field</u> From Pressed Specimen on Day of Collection	Date Identified (MM/DD/YY):	11/23/16
	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?			