

SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	D9-12-19-003	Collector Code:	
Date(s) Collected (MM/DD/YY):	09/12/19	Collector Name(s):	AIT & Brandon W
		Collection Number:	
		Alt. Collection Number:	
<u>COLLECTION DATA</u>			
Family:	Rubiaceae	No. of Plants Sampled (min. 50):	5
Genus:	Lephalanthus	No. of Plants Found (approx.):	15
Species:	occidentalis	Area Sampled (acres):	0.33
Subspecies/Variety:		Seeds Collected From:	<input checked="" type="checkbox"/> Plants <input type="checkbox"/> Ground <input type="checkbox"/> Both <input type="checkbox"/> Unknown
Plant Habit:	Tree Shrub Forb Succulent Grass/Grasslike	Plant Height (feet):	3-4 ft
Field Notes to assist in identification of pressed specimen (e.g. flower color):			
Common Name(s) of Plants:	Common Butcher bush	NRCS PLANTS Code:	
<u>LOCATION DATA</u>			
Ecoregion (Omernik Level III):	Lower Slope Belt	State:	NC
County:	Orange	Area within Subunit (trail name, etc.):	
Subunit (BLM area, park name, etc.):	S. Roadside	Land Owner:	
Non-BLM Permission Filed:	Y	N	
Location Details:	Davis Rd, Immediately West of Ardente Rd, ~500 ft East of Minnis Dr		
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):	36.0 21353	N	Elevation: 692.3
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	-79.134969	W	Unit (ft or m): ft
<u>HABITAT DATA</u>			
Associated Species (Scientific Name):	Lobelia cardinalis, Lephalanthus occidentalis, Sangre de Tormenta, Lobelia inflata		
Ecological Site Description, Habitat Type and/or National Vegetation Classification:	Wet Pits		
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:	Hendon 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):	A. T. + Borden ✓		
Material Identified:	<i>In Field</i> <i>From Pressed Specimen on Day of Collection</i> <i>From Pressed Specimen on Another Date</i> <i>From Photograph</i>	Date Identified (MM/DD/YY):	09/12/14

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:	<i>Resown</i>	<i>Burnt</i>	<i>Sprayed</i>	No damage
Readiness of population for collecting: give percentages or circle the most frequently occurring:	<i>Vegetative</i>	<i>In flower</i>	<i>Immature seeds</i>	Around natural dispersal <i>Post dispersal</i>
Estimate the number of individual plants at natural dispersal stage:	<50	≥50		
Is the population:	<u>A single population</u> <i>A population with distinct sub-populations (Can you sample separately or from the most suitable?)</i>			
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	<i>Insect-damaged</i>	<i>Empty</i>	<i>Moldy</i> <i>Malformed/other damage</i>
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?				