

## SEEDS OF SUCCESS FIELD DATA FORM

Seed Collection Ref. Number:	NCBG-625	Collector Code:	NCBG
Date(s) Collected (MM/DD/YY):	10.30.16	Collector Name(s):	SW, CH
		Collection Number:	625
		Alt. Collection Number:	SW-30

### COLLECTION DATA

Family:	ONAGRACEAE	No. of Plants Sampled (min. 50):	50
Genus:	LUOWIGIA	No. of Plants Found (approx.):	100+
Species:	ALTERDIFOLIA	Area Sampled (acres):	2
Subspecies/Variety:		Seeds Collected From:	<input checked="" type="checkbox"/> Plants <input type="checkbox"/> Ground <input type="checkbox"/> Both <input type="checkbox"/> Unknown
Plant Habit:	<input type="checkbox"/> Tree <input type="checkbox"/> Shrub <input checked="" type="checkbox"/> Forb <input type="checkbox"/> Succulent <input type="checkbox"/> Grass/Grasslike	Plant Height (feet):	2-3
Field Notes to assist in identification of pressed specimen (e.g. flower color):			
Common Name(s) of Plants:		SEEDBOX	

### LOCATION DATA

NRCS PLANTS Code: LUAL2

Ecoregion (Omernik Level III):	64	State:	MD	County:	MONTGOMERY
Subunit (BLM area, park name, etc.):	SENECA CREEK STATE PARK	Area within Subunit (trail name, etc.):	LAKE SHORE TRAIL		
Land Owner:	MD STATE PARKS	Non-BLM Permission Filed:	<input checked="" type="checkbox"/> Y <input type="checkbox"/> N		
Location Details:	HEAD NW ON MD-117 W AWAY FROM GAITHERSBURG, TURN LEFT ONTO SENECA CREEK RD, FOLLOW TO LAKE SHORE TRAIL, BIULATION ALONG WATER				
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):	39° 08' 37.4"	N	Elevation:	353	
Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):	77° 15' 08.6"	W	Unit (ft or m):	FT	

### HABITAT DATA

Associated Species (Scientific Name):	VIBURNUM DENTATUM, ELEAGNUS UMBELLATA, ILEX OPACA, PANICUM ANCEPS, PLATANUS OCCIDENTALIS, PYCNANTHEMUM TENUIFOLIUM, ROSA MULTIFLORA, PERSICARIA CESPITOSUM		
Ecological Site Description, Habitat Type and/or National Vegetation Classification:	MID-ATLANTIC MESIC MIXED HARDWOOD FOREST		
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:	HARDWOOD FOREST	Slope (degrees):	0-2

Land Use:	CONSERVATION / RECREATION		Aspect:	N NE E SE S SW W NW
Geology:	FINE-LOAMY, MIXED, SEMI-ACTIVE, MESIC INCEPTIC HAPLODOLTS			
Soil Texture:	Clay Silt Sand Other:	SANDY LOAM	Soil Color:	10 YR 4/2
<b>HERBARIUM VOUCHERS</b>				
Number of pressed specimens:	2	Date Voucher Taken:	10/31/16	
Herbaria Names (Smithsonian, Regional, Local):	NCU, US			
<b>SPECIALIST IDENTIFICATION</b>				
Identified by (name and organizational affiliation):	SANTHANHA WALKER, NCBG			
Material Identified:	<input checked="" type="radio"/> <u>In Field</u>	From Pressed Specimen on Day of Collection	Date Identified (MM/DD/YY):	10/31/16
	<input type="radio"/>	From Pressed Specimen on Another Date	<input type="radio"/>	

**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.

<b>Assess Population &amp; Seed Dispersal Stage</b>				
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	<b>No damage</b>
Readiness of population for collecting: give percentages or circle the most frequently occurring:	Vegetative	In flower	Immature seeds	<b>Around natural dispersal</b> Post dispersal
Estimate the number of individual plants at natural dispersal stage:	<50	>50		
Is the population:	<b>A single population</b> A population with distinct sub-populations (Can you sample separately or from the most suitable?)			
<b>Assess Seed Quality &amp; Availability</b>				
On a typical individual, where on the plant/branch/fruit is the seed at natural dispersal stage:	<b>Recognized</b>			
Using a cut test on the seeds at this stage, give percentages or circle the most frequently occurring:	<b>Healthy</b>	Insect-damaged	Empty	Moldy Malformed/other damage
Estimate the number of healthy seeds per fruit:				
Estimate the number of fruits per individual plant:				
<b>Should Seed Be Collected On This Trip?</b>				
Using the above information, if you only collect 20% of the healthy seeds available today, will this result in a collection of <b>&gt;10,000</b> healthy seeds?				