

SEEDS OF SUCCESS FIELD DATA FORM

| | | | |
|--|---|---|---|
| Seed Collection Ref. Number: | NCBG-660 | Collector Code: | NCBG |
| Date(s) Collected (MM/DD/YY): | 11-3-16 | Collector Name(s): | JD, MF |
| | | Collection Number: | 660 |
| | | Alt. Collection Number: | JD-215 |
| COLLECTION DATA | | | |
| Family: | PLUMBAGINACEAE | No. of Plants Sampled (min. 50): | 110 |
| Genus: | LIMONIUM | No. of Plants Found (approx.): | 3000+ |
| Species: | CAROLINIANUM | Area Sampled (acres): | 2 |
| Subspecies/Variety: | — | Seeds Collected From: | <input checked="" type="radio"/> Plants <input type="radio"/> Ground <input type="radio"/> Both <input type="radio"/> Unknown |
| Plant Habit: | Tree <input type="radio"/> Shrub <input type="radio"/> <input checked="" type="radio"/> Forb <input type="radio"/> Succulent <input type="radio"/> Grass/Grasslike | Plant Height (feet): | 1-2 |
| Field Notes to assist in identification of pressed specimen (e.g. flower color): | | | |
| Common Name(s) of Plants: | LAVENDER THRIFT | NRCS PLANTS Code: | LICA |
| LOCATION DATA | | | |
| Ecoregion (Omernik Level III): | 63 | State: | VA |
| Subunit (BLM area, park name, etc.): | EASTERN SHORE OF VA NWR | County: | NORTHAMPTON |
| Land Owner: | USFWS | Area within Subunit (trail name, etc.): | WISE POINT BOAT RAMP/MARSH |
| | | Non-BLM Permission Filed: | <input checked="" type="radio"/> Y <input type="radio"/> N |
| Location Details: | FROM BOAT RAMP, KAYAK TO 3rd CANAL ON RIGHT, STAY TO RIGHT & POPULATION WILL BE IN 2800 FT ON LEFT | | |
| 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: | NAD83 <input type="radio"/> NAD27 <input checked="" type="radio"/> WGS84 <input type="radio"/> Other: | | |
| Latitude (dg/min/sec) (ex: 40° 34' 19.5" N): | 37° 07' 36.8" N | Elevation: | 5 |
| Longitude (dg/min/sec) (ex: 107° 36' 51.54" W): | 75° 57' 36.9" W | Unit (ft or m): | FT |
| HABITAT DATA | | | |
| Associated Species (Scientific Name): | SALICORNIA DEPRESSA, BORRICHIA FRUTESCENS, DISTICHLIS SACATA, SPARTINA ALTERNIFLORA, SPARTINA PATENS, SUEDEA LINEARIS | | |
| Ecological Site Description, Habitat Type and/or National Vegetation Classification: | TIDAL SALT MARSH | | |
| Modifying Factors: | Mowed <input type="radio"/> Burned <input type="radio"/> Grazed <input type="radio"/> <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, THERMIC TYPIC SULFAQUEOUS | | |
| Soil Texture: | Clay Silt Sand <u>Other</u> SILT LOAM | Soil Color: | 5 Y 4/1 |

HERBARIUM VOUCHERS

| | | | |
|--|---------|---------------------|----------|
| Number of pressed specimens: | 2 | Date Voucher Taken: | 11/03/16 |
| Herbaria Names (Smithsonian, Regional, Local): | US, NCU | | |

SPECIALIST IDENTIFICATION

| | | | |
|--|--|-----------------------------|----------|
| Identified by (name and organizational affiliation): | JACOB DAKAR, NCBC | | |
| Material Identified: | <u>In Field</u> From Pressed Specimen on Day of Collection | Date Identified (MM/DD/YY): | 11/03/16 |
| | 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 | <u>>50</u> | |
| 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? | | | |