

SEEDS OF SUCCESS FIELD DATA FORM

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|--|--|------------------------------|---|--|--|
| Seed Collection Ref. Number: | NCRG-377 | | Collector Code: | NCRG | |
| Date(s) Collected (MM/DD/YY): | 10/10/15 | | Collector Name(s): | E. DESKILL, L. MANARD | |
| | | | Collection Number: | 377 | |
| | | | Alt. Collection Number: | 6047 | |
| COLLECTION DATA | | | | | |
| Family: | ASTERACEAE | | No. of Plants Sampled (min. 50): | 65 | |
| Genus: | PLUCHEA | | No. of Plants Found (approx.): | 10,000 + | |
| Species: | ODORATA | | Area Sampled (acres): | | |
| Subspecies/Variety: | | | Seeds Collected From: | <input checked="" type="checkbox"/> Plants <input type="checkbox"/> Ground <input type="checkbox"/> Both Unknown | |
| Plant Habit: | Tree Shrub <input checked="" type="checkbox"/> Forb Succulent Grass/Grasslike | | Plant Height (feet): | 1-1.5 ft | |
| Field Notes to assist in identification of pressed specimen (e.g. flower color): | | | | | |
| Common Name(s) of Plants: | | | SWEETSCENT | | |
| | | | NRCS PLANTS Code: | PLOC | |
| LOCATION DATA | | | | | |
| Ecoregion (Omernik Level III): | 03 | | State: | MD | |
| Subunit (BLM area, park name, etc.): | BACKWATER NWR | | Area within Subunit (trail name, etc.): | | |
| Land Owner: | USEWS | | Non-BLM Permission Filed: | <input checked="" type="checkbox"/> N | |
| Location Details: | FROM VISITOR CENTER, HEAD N ON VISITOR CENTER ACCESS RD. TURN RIGHT ONTO KEY WALLACE DRIVE. CONTINUE FOR 2.6 MILES THEN TURN LEFT RIGHT ONTO MAPLE DAM RD. POPULATION ON LEFT IN 4.2 MILES. | | | | |
| Source Used: | <input checked="" type="checkbox"/> GPS | <input type="checkbox"/> Map | <input type="checkbox"/> None | Accuracy: | <input checked="" type="checkbox"/> GPS <input checked="" type="checkbox"/> Within 5km <input type="checkbox"/> 6-20km <input type="checkbox"/> More than 20km |
| GPS Datum: | NAD83 NAD27 <input checked="" type="checkbox"/> WGS84 Other: | | | | |
| Latitude (dg/min/sec) (ex: 40° 34' 19.5" N): | 38° 23' 45.9" | | N | Elevation: | 4 |
| Longitude (dg/min/sec) (ex: 107° 36' 51.54" W): | 076° 03' 53.8" | | W | Unit (ft or m): | ft |
| HABITAT DATA | | | | | |
| Associated Species (Scientific Name): | SCHOENOPLECTUS AMERICANUS, EMBOSCHOCENUS ROBUSTUS, TYPHA ANGSTIFOLIA, DISTICHLIS SPICATA, SPARTINA ALTERNIFOLIA | | | | |
| Ecological Site Description, Habitat Type and/or National Vegetation Classification: | TIDAL SALT MARSH | | | | |
| Modifying Factors: | Mowed Burned Grazed Flooded Seeded Trampled Other: | | | | |
| Land Form: | MARSH | | Slope (degrees): | 0° | |

| | | | |
|---------------|---|-------------|---------------------|
| Land Use: | CONSERVATION / RECREATION | Aspect: | N NE E SE S SW W NW |
| Geology: | CLAYEY, MIXED, EUIC, MESIC TERRIC SULFHEMISTS | | |
| Soil Texture: | Clay Silt Sand Other: PEAT | Soil Color: | 7.5 YR 3/2 |

HERBARIUM VOUCHERS

| | | | |
|--|---------|---------------------|------------|
| Number of pressed specimens: | 2 | Date Voucher Taken: | 10/10/2015 |
| Herbaria Names (Smithsonian, Regional, Local): | NCW, US | | |

SPECIALIST IDENTIFICATION

| | | | |
|--|--|-----------------------------|----------|
| Identified by (name and organizational affiliation): | E. DRISKILL | | |
| Material Identified: | <input checked="" type="radio"/> In Field From Pressed Specimen on Day of Collection <input type="radio"/> From Pressed Specimen on Another Date <input type="radio"/> From Photograph | Date Identified (MM/DD/YY): | 10/10/15 |

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: | A single population 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? | | | |