# SEEDS OF SUCCESS FIELD DATA FORM

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|---|---|---|---|
| **Seed Collection Ref. Number:** | NCBG - 555 | **Collector Code:** | NCBG |
| **Date(s) Collected (MM/DD/YY):** | 09/29/16 | **Collector Name(s):** | JD, ALF |
| | | **Collection Number:** | 555 |
| | | **Alt. Collection Number:** | ALF - 544 |

## COLLECTION DATA

| | | | |
|---|---|---|---|
| **Family:** | CYPERACEAE | **No. of Plants Sampled** (min. 50 ): | 50 |
| **Genus:** | FIMBRISTYLIS | **No. of Plants Found** (approx.): | 1000+ |
| **Species:** | ANNUA | **Area Sampled** (acres): | 1 |
| **Subspecies/Variety:** | — | **Seeds Collected From:** | (Plants) Ground Both Unknown |
| **Plant Habit:** | Tree Shrub Forb Succulent (Grass/Grasslike) | **Plant Height** (feet): | 6 |
| **Field Notes to assist in identification of pressed specimen** (e.g. flower color): | | | |
| **Common Name(s) of Plants:** | ANNUAL FIMBRY | **NRCS PLANTS Code:** | FIAN |

## LOCATION DATA

| | | | | | |
|---|---|---|---|---|---|
| **Ecoregion** (Omernik Level III): | 63 | **State:** | NC | **County:** | DARE |
| **Subunit** (BLM area, park name, etc.): | ALLIGATOR RIVER NWR | **Area within Subunit** (trail name, etc.): | MASHOES RD | | |
| **Land Owner:** | US FWS | **Non-BLM Permission Filed:** | (Y) N | | |
| **Location Details:** | FROM MANTEO, NC, TAKE US-64 W 7.2 MILES. TURN RIGHT ONTO MASHOES RD. IN 1.1 MILES, POPULATION IS ON RIGHT. | | | | |
| **Source Used:** | (GPS) Map None | **Accuracy:** | (GPS) Within 5km 6-20km More than 20km | | |
| **GPS Datum:** | (NAD83) NAD27 WGS84 Other: | | | | |
| **Latitude** (dg/min/sec) (ex: 40° 34' 19.5" N): | 35° 54' 58.5" N | **Elevation:** | 3 | | |
| **Longitude** (dg/min/sec) (ex: 107° 36' 51.54" W): | 75° 47' 16.8" W | **Unit** (ft or m): | FT | | |

## HABITAT DATA

| | |
|---|---|
| **Associated Species** (Scientific Name): | SCIRPUS CYPERINUS, PANICUM VIRGATUM, AGALINIS PURPUREA, ANDROPOGON VIRGINICUS, PINUS SEROTINA, SAGITTARIA LANCIFOLIA VAR. MEDIA, MORELLA CERIFERA |
| **Ecological Site Description, Habitat Type and/or National Vegetation Classification :** | WOOLGRASS WET MEADOW |
| **Modifying Factors:** | Mowed Burned Grazed (Flooded) Seeded Trampled Other: |
| **Land Form:** | WET MEADOW — **Slope** (degrees): 0-2 |

| | | | |
|---|---|---|---|
| **Land Use:** | CONSERVATION / RECREATION | **Aspect:** | *N NE E SE S SW W NW* |
| **Geology:** | FINE-LOAMY OVER SANDY OR SANDY-SKELETAL, SILICEOUS, SEMIACTIVE, THERMIC TYPIC UMBRAQUULTS | | |
| **Soil Texture:** | *Clay Silt Sand* (Other:) SANDY LOAM | **Soil Color:** | 10 YR 2/1 |

## HERBARIUM VOUCHERS

| | | | |
|---|---|---|---|
| **Number of pressed specimens:** | 2 | **Date Voucher Taken:** | 09/29/16 |
| **Herbaria Names** (Smithsonian, Regional, Local): | NCU, US | | |

## SPECIALIST IDENTIFICATION

| | | | |
|---|---|---|---|
| **Identified by** (name and organizational affiliation): | AMANDA FAUCETTE | | |
| **Material Identified:** | (*In Field*) *From Pressed Specimen on Day of Collection*; *From Pressed Specimen on Another Date*; *From Photograph* | **Date Identified** (MM/DD/YY): | 09/29/16 |

## 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?