

# SEEDS OF SUCCESS FIELD DATA FORM

|  |  |  |   |   |     |
|--|--|--|---|---|-----|
| Seed Collection Ref. Number:   | NCBG - 314   |  | Collector Code:                         | NCBG  |     |
| Date(s) Collected (MM/DD/YY):  | 10/03/15   |  | Collector Name(s):                      | JACOB DAKAR   |     |
|  |  |  | Collection Number:                      | 314   |     |
|  |  |  | Alt. Collection Number:                 | JD-124  |     |
| <b>COLLECTION DATA</b>   |  |  |   |   |     |
| Family:  | ANACARDIACEAE  |  | No. of Plants Sampled (min. 50):        | 50  |     |
| Genus:   | RHUS   |  | No. of Plants Found (approx.):          | 200   |     |
| Species:   | COPALLINUM   |  | 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:   | Tree <input checked="" type="checkbox"/> Shrub <input type="checkbox"/> Forb <input type="checkbox"/> Succulent <input type="checkbox"/> Grass/Grasslike   |  | Plant Height (feet):                    | 4-15  |     |
| Field Notes to assist in identification of pressed specimen (e.g. flower color):     |  |  |   |   |     |
| Common Name(s) of Plants:  |  |  | WINGED SUMAC                            |   |     |
|  |  |  | NRCS PLANTS Code:                       | RHLD  |     |
| <b>LOCATION DATA</b>   |  |  |   |   |     |
| Ecoregion (Omernik Level III):   | 45-PIEDMONT  |  | State:                                  | NC  |     |
| Subunit (BLM area, park name, etc.):   | RESIDENTIAL  |  | Area within Subunit (trail name, etc.): | -   |     |
| Land Owner:  | WILSON FAUCETT   |  | Non-BLM Permission Filed:               | <input checked="" type="checkbox"/> Y <input type="checkbox"/> N  |     |
| Location Details:  | FROM US-64E, TAKE EXIT 459, LEFT ONTO NC-58, RIGHT ONTO TAYLOR'S STORE RD, GO 11.8 MILES, LEFT ONTO HARRISON RD, POPULATION ON LEFT @ 3501 HARRISON RD.  |  |   |   |     |
| 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:   | NAD83 <input type="checkbox"/> NAD27 <input checked="" type="checkbox"/> WGS84 <input type="checkbox"/> Other:   |  |   |   |     |
| Latitude (dg/min/sec) (ex: 40° 34' 19.5" N):   | 36° 08' 54.1"  |  | N                                       | Elevation:  | 295 |
| Longitude (dg/min/sec) (ex: 107° 36' 51.54" W):                                      | 78° 00' 27.9"  |  | W                                       | Unit (ft or m):   | FT  |
| <b>HABITAT DATA</b>  |  |  |   |   |     |
| Associated Species (Scientific Name):  | LIQUIDAMBAR STYRAFLUA, SOLIDAGO <sup>ALTISSIMA</sup> <del>FOETIFOLIA</del> , TOXICODENDRON RADICANS, QUERCUS SP., ACER RUBRUM, SMILAX ROTUNDIFOLIA   |  |   |   |     |
| Ecological Site Description, Habitat Type and/or National Vegetation Classification: | PINE 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:   | FOREST   |  | Slope (degrees):                        | 0-20  |     |

|  |  |                |                              |                     |  |
|--|--|----------------|------------------------------|---------------------|--|
| Land Use:  | RESIDENTIAL  |                | Aspect:                      | N NE E SE S SW W NW |  |
| Geology:   | CLAYEY, KAOLINITIC THERMIC TYPIC HAPLUDULTS  |                |                              |                     |  |
| Soil Texture:  | Clay Silt Sand Other: LOAM   |                | Soil Color:                  | 2.5 YR 4/6          |  |
| <b>HERBARIUM VOUCHERS</b>                            |  |                |                              |                     |  |
| Number of pressed specimens:                         |  | 2              | Date Voucher Taken: 10/03/15 |                     |  |
| Herbaria Names (Smithsonian, Regional, Local):       |  | UNC, US<br>NCU |                              |                     |  |
| <b>SPECIALIST IDENTIFICATION</b>                     |  |                |                              |                     |  |
| Identified by (name and organizational affiliation): |  |                | JACOB DAKAR, <del>NCBG</del> |                     |  |
| Material Identified:                                 | <input checked="" type="radio"/> In Field      From Pressed Specimen on Day of Collection<br><input type="radio"/> From Pressed Specimen on Another Date <input type="radio"/> From Photograph |                | Date Identified (MM/DD/YY):  | 10/03/15            |  |

### 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.

|   |  |      |                           |          |        |
|---|--|------|---------------------------|----------|--------|
| <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: <i>Resown</i> <i>Burnt</i> <i>Sprayed</i> <b>No damage</b>   |  |      |                           |          |        |
| Readiness of population for collecting: give percentages or circle the most frequently occurring:<br><i>Vegetative</i> <i>In flower</i> <i>Immature seeds</i> <b>Around natural dispersal</b> <i>Post dispersal</i> |  |      |                           |          |        |
| Estimate the number of individual plants at natural dispersal stage:  |  | <50  | <b>&gt;50</b>             |          |        |
| Is the population:<br><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:<br><b>Healthy</b> <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:   |  |      |                           |          |        |
| <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?   |  |      |                           |          |        |