DATASHEETS AND ARCGIS SURVEY123

Explanation of fields:

Datasheets or Survey123: The collection datasheets or ArcGIS Survey123 can be used to submit the required information about the seeds collected. There is no membership required or fee to use the mobile application nor do you have to download the actual application to use the datasheet. Simply scan the QR code provided or follow the link as they will take you directly to the online datasheet. Like the paper datasheets, each submission on the application should be for each species collected at each location. It is advised to take data sheets in case of technical issues that may occur in the field. Using your mobile device to take photos, use GPS, and filling out information on the application may use significant battery life so plan to have a fully charged device or bring a portable battery charger if deemed necessary.

Collection Number: You're initials (three if possible) plus the number of collections you have done. For example, if I have done three collections and I go out again, that collection will be ISM04. This number is the unique number that will link the records to the samples, please be diligent about recording and avoiding duplicates.

Location Name: Name of the landowner or if the site has a known name (ex. Shenandoah National Park or Johnson Property). If there is more than one collection at a location then add an identifying feature (Shenandoah National Park- Bearfence Trailhead or Johnson Property- Rt 622). If the collection location is identified in the centralized database, please add survey site field for a cross reference to location.

Location Description: Written description of how to get to collection. This can be a mix of known map locations and landscape features. (Ex. On Johnson property off of Rt. 622 right behind the large bolder to the right of the forest edge. Roadside meadow.)

GPS Coordinates: Degree decimals format is preferred, please use this if possible. If you do not have a device that will give you this format, please include what you can and write down the format it was recorded in. An example of coordinates in decimals degrees: (38.5678, -77.5748).

Notes: Any additional information you think will be helpful either for the handling and propagating of the seeds or for someone returning to collect that does not fit into any of the other fields.

DATA COLLECTION SHEET

Collection	Date of Collection:
⬛	Name of Collector:
	Collection Number (*ex. NWG04*):
GPS Location of population (Degree decimals):	
GPS Device:	
Location Name:	
Location description:	
Species Name:	
Confirm species ID and take a minimum of two photographs of the flower/ fruit, one of a basal leaf, and one of the full plant including habitat. (Total of 4) ID Confirmed: Y N Photographs taken: Y N	
Readiness of plants within the population for collecting: circle all that apply *Vegetative In flower Immature seeds Around natural dispersal Post dispersal*	
Predict Seed Quality & Availability	
Are there more than 20 flowering plants in the population? Circle: Y N	
Do > 50% of flowering plants show evidence of insect damage or herbivory? Circle Y N	
Number of Plants Collected From:	
Notes:	

<u>Digital Seed Collection Mobile Application: ArcGIS Survey123</u>

Scan or go to https://arcg.is/bW000