Plant Survey Protocol

## You Will Need:

10 meters

* Notebook
* Writing Utensil
* GPS Device
* Metal Tags
* Bailing Wire
* 10 meter length of light chord or rope.

## Procedure:

1. Select an individual plant from the list of target species within 20 meters of the trail. Selection can be random, but often the first and/or last one encountered is a good choice.
2. Tag the plant, record tag #, GPS – UTM coordinates
3. Describe that plant’s phenology (condition of flowers/leaves/buds). You will describe that plant’s phenology on each visit.
4. Count all target species and species of interest within 20 meters of that tagged plant, for instance: 3 FERCYL, 10 ENCFAR, 5 AGADES, 3 FOUSPL, etc. If dead plants are present, count them separately, e.g. : 1 dead FOUSPL, 1 dead FERCYL, but be careful that all plants without leaves are not dead. It is best to assess live/dead in early-mid spring. Count all individual plants in a cluster (agaves). Count all palms in an oasis, separating adults (> 3m / 10 ft) from juvenile counts.
5. Repeat full species counts once per year.
6. Tag 3-6 focal plants per trail, depending on trail length and diversity of focal species present.