



Pollinator Citizen Science Project

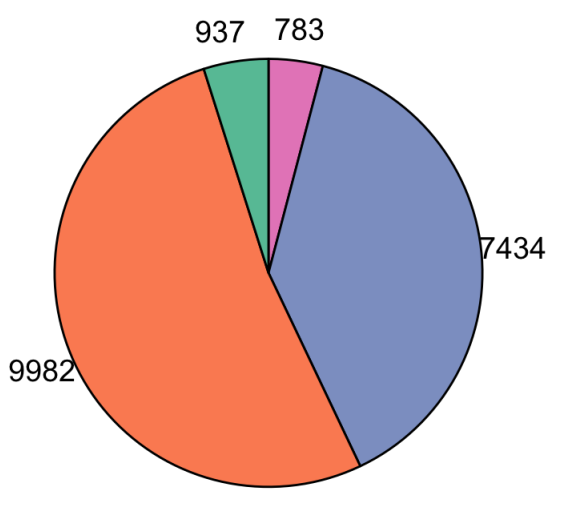
Dr. Mike Merchant, Texas A&M AgriLife Extension Service; Erfan Vafaie, Texas A&M AgriLife Extension Service; Dr. Eric Rebek, Oklahoma State University; Dr. Scott Longing, Texas Tech University; Dr. Adam Mitchell, Tarleton State University; Dr. Vikram Baliga, Texas Tech University

Last Updated: 21 December, 2020

Quick Stats

- Total Contributions: **19136**
- Certified Volunteers: **423**
- Certified Contributors: **189**
- Certified Noncontributors: **234**
- Average Observations/day: **78.1**
- Verified Plant Species: **352**

Contributions by Group



Category: Garden Enthusiast, Master Naturalist, Master Volunteer/Gardener, Other

All Time Contributions

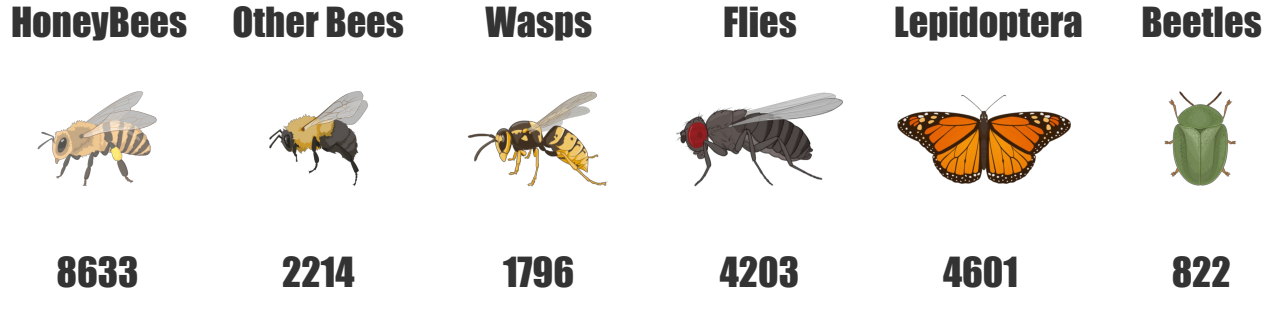
Top Ten Contributors

Name	Contributions
Randy	3232
Montez	1539
Ann	1016
Cyndie	900
Rick	897
Sharon	613
carol	586
Mickey	548
Georgette	505
K	456

Top Ten Observed Plants

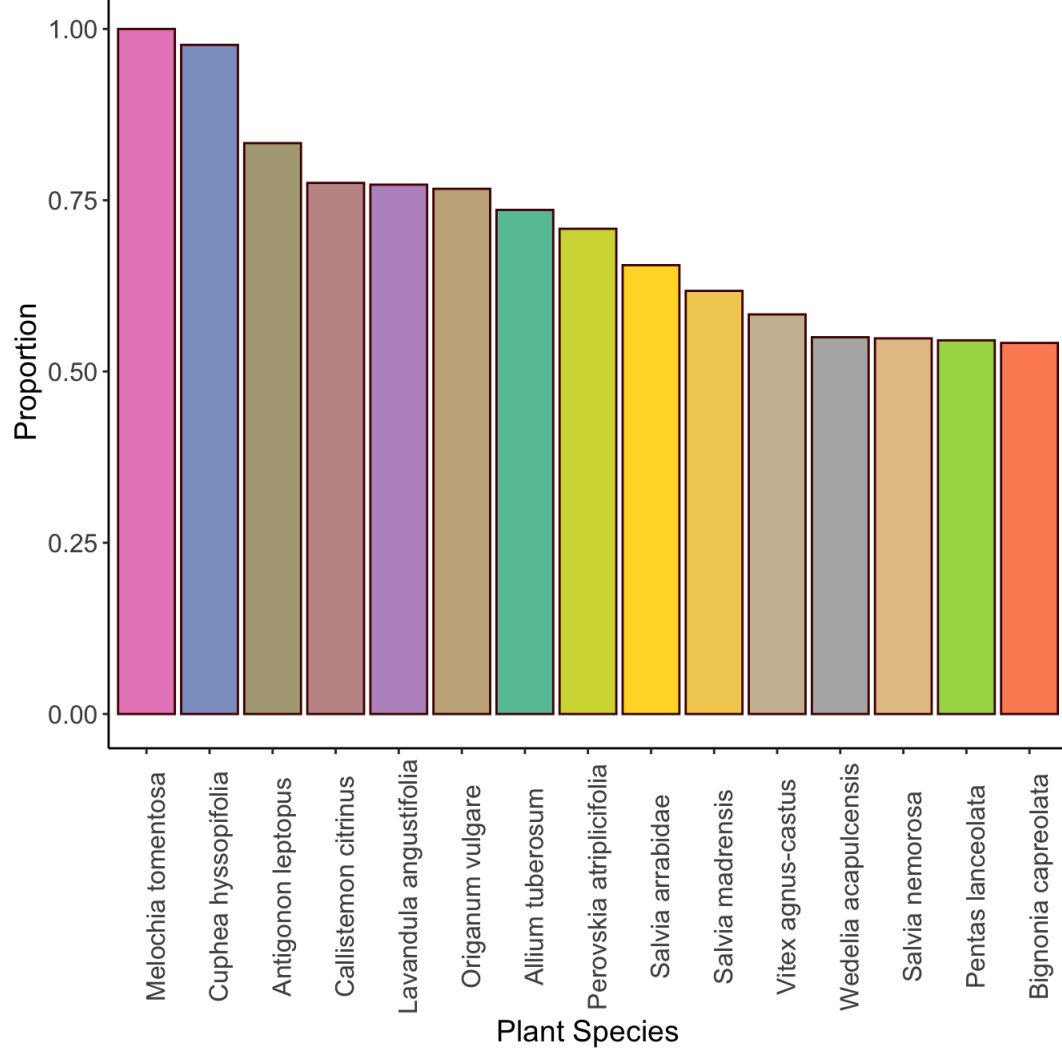
Latin name	Frequency
Salvia greggii	1077
Salvia farinacea	750
Conoclinium greggii	592
Asclepias curassavica	549
Echinacea purpurea	477
Salvia coccinea	407
Pavonia lasiopetala	354
Tecoma stans	343
Zinnia elegans	341
Lantana camara	335

Total Counts by Pollinator Category



Honey Bee Snapshot

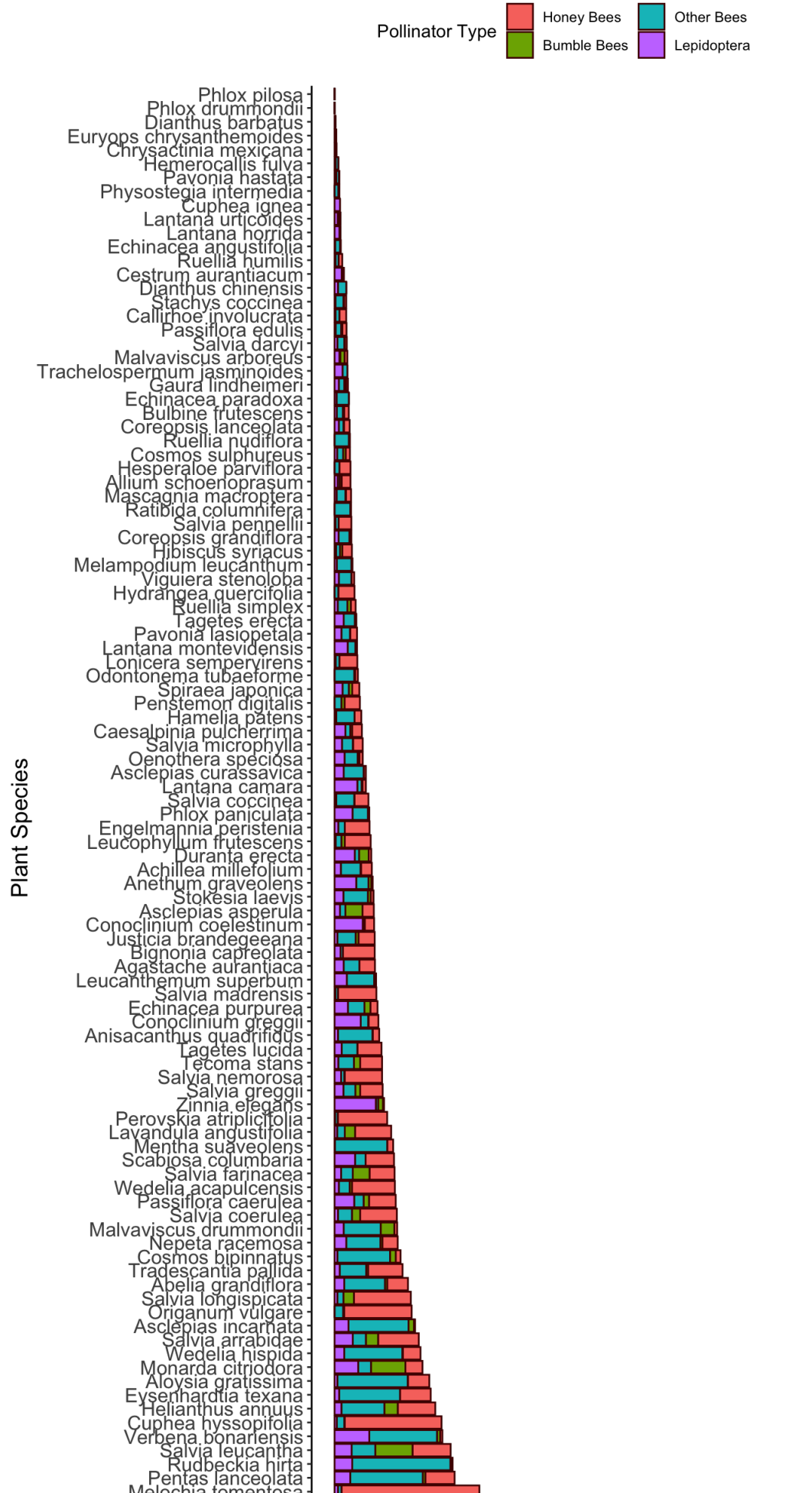
Only looking at plants that had at least 20 observations from at least 4 different observers, the below plot shows the proportion of times honey bees were seen to be associated with a given plant (Observations honey bees were seen / total observations of that plant species).



Average Visits

Below are some preliminary quick looks at the average number of visits by honey bees, bumble bees, other bees, and lepidoptera to each plant species. Only plant species with at least 4 independent observers and 20 observations are included.

To get a better idea of attractiveness, we still need to separate out other factors, such as bloom percentage at the time of observation, time of day, or geographical location. But the plots below at least provide a quick snapshot of the data so far!

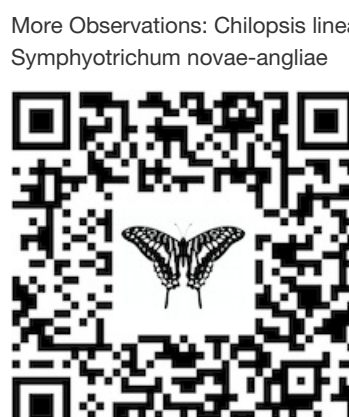


Help Add More Plants!

The following either need more independent observers or additional observations to be in the analysis

More observers: Begonia coccinea, Berlandiera texana, Coreopsis basalis, Crinum latifolium, Cynara cardunculus, Glandularia bipinnatifida, Osmanthus fragrans, Rhodophiala bifida, Sedum rupestre, Syringa vulgaris, Verbesina encelioides

More Observations: Chilopsis linearis, Phlomis fruticosa, Punica granatum, Rosa multiflora, Symphyotrichum drummondii, Symphyotrichum novae-angliae



For more information on the Pollinator Citizen Science Project, Scan the QR Code on the left or visit <https://sixleggedaggie.com/pollinator-project>