

Results of 2020 Saguaro Census on Plot 41, Tucson Mountains

Adventure Scientists, February 13th, 2020

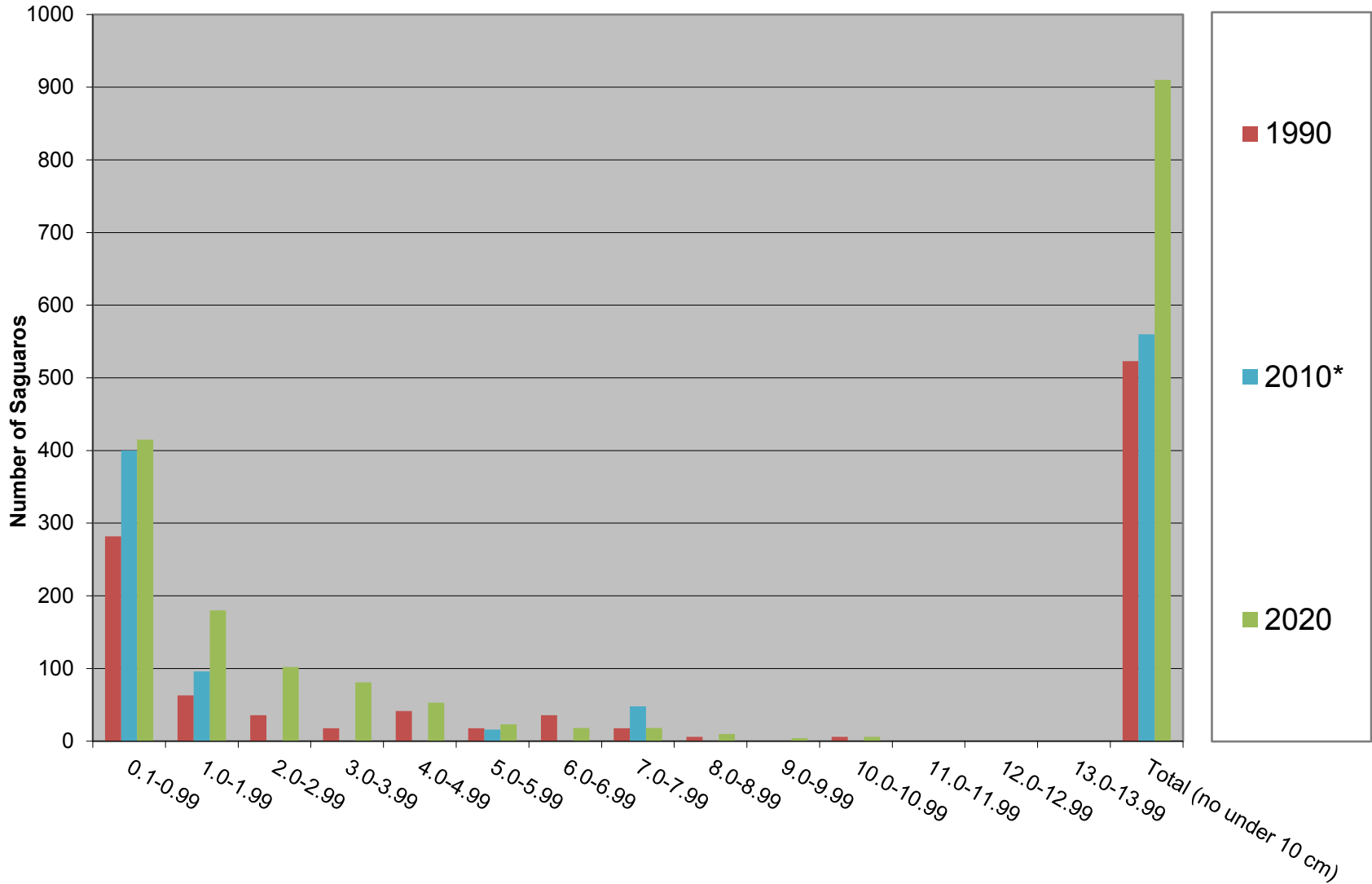


On February 13th, we brought this Adventure Scientists group (a.k.a. Saguaro Census Experts) to Plot 41, located near the junction of Hugh Norris Trail and Sendero Esperanza Trail in the park's west district. This plot requires a considerable hike, offers incredibly steep and loose terrain, but supplies lots of saguaros and fantastic views. After a long day, the group walked away accomplished, knocking out a significant portion of the plot.

We finished this plot over the course of two more days with a dedicated crew of Arizona Conservation Corp and NPS staff and interns.

This plot hasn't been fully surveyed since 1990. In 2010, due to time constraints and other difficulties, we surveyed 1/16th of the plot and extrapolated to the full plot. Compared to 1990, the total number of saguaros has more than doubled for this 2020 census effort, when considering the under 10 cm saguaros, of which there were 100 located on this plot! Our grand total for this year was 1151 with the under 10 cm and 1051 without. The 1990 data documented 523, but this did not include saguaros under 10 cm.

Saguaro Plot #41



Size Class (m)

* Subsampled and numbers extrapolated to entire plot