



## **Flea Borne Typhus Surveillance Report August 2023**

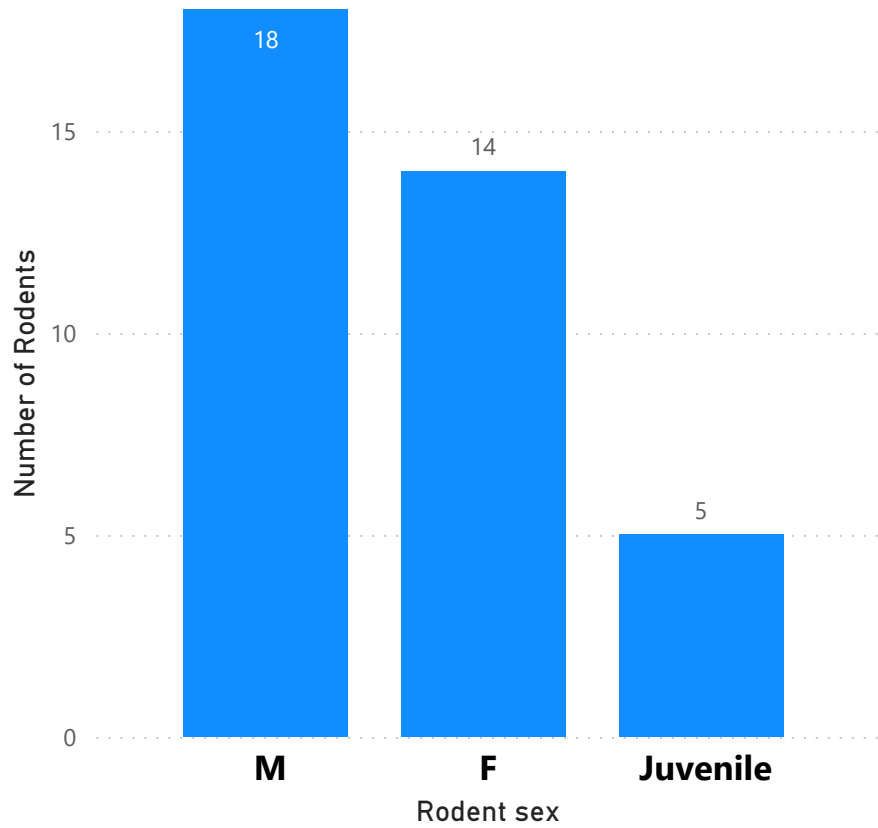
The Flea Borne Typhus Surveillance program is a District surveillance program that focuses on collecting rodents and their associated ectoparasites. The primary focus is fleas, which are potential vectors of flea-borne typhus or murine typhus. Through this program risk of human exposure to flea-borne typhus will be determined for inhabitants of unhoused encampments.

**This month we surveyed 2 encampment sites in San Jose:**

San Fernando, San Jose

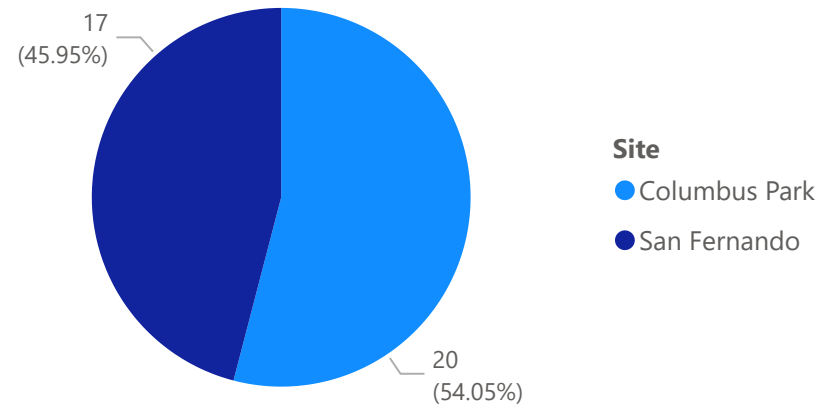
Columbus Park, San Jose

### Count of Rodents by Sex



**Figure 1.** Number of rodents collected in August within the encampments by sex

### Count of Rodents by Site



**Figure 2.** Number of rodents collected in August by encampment site

# in pool by Flea species

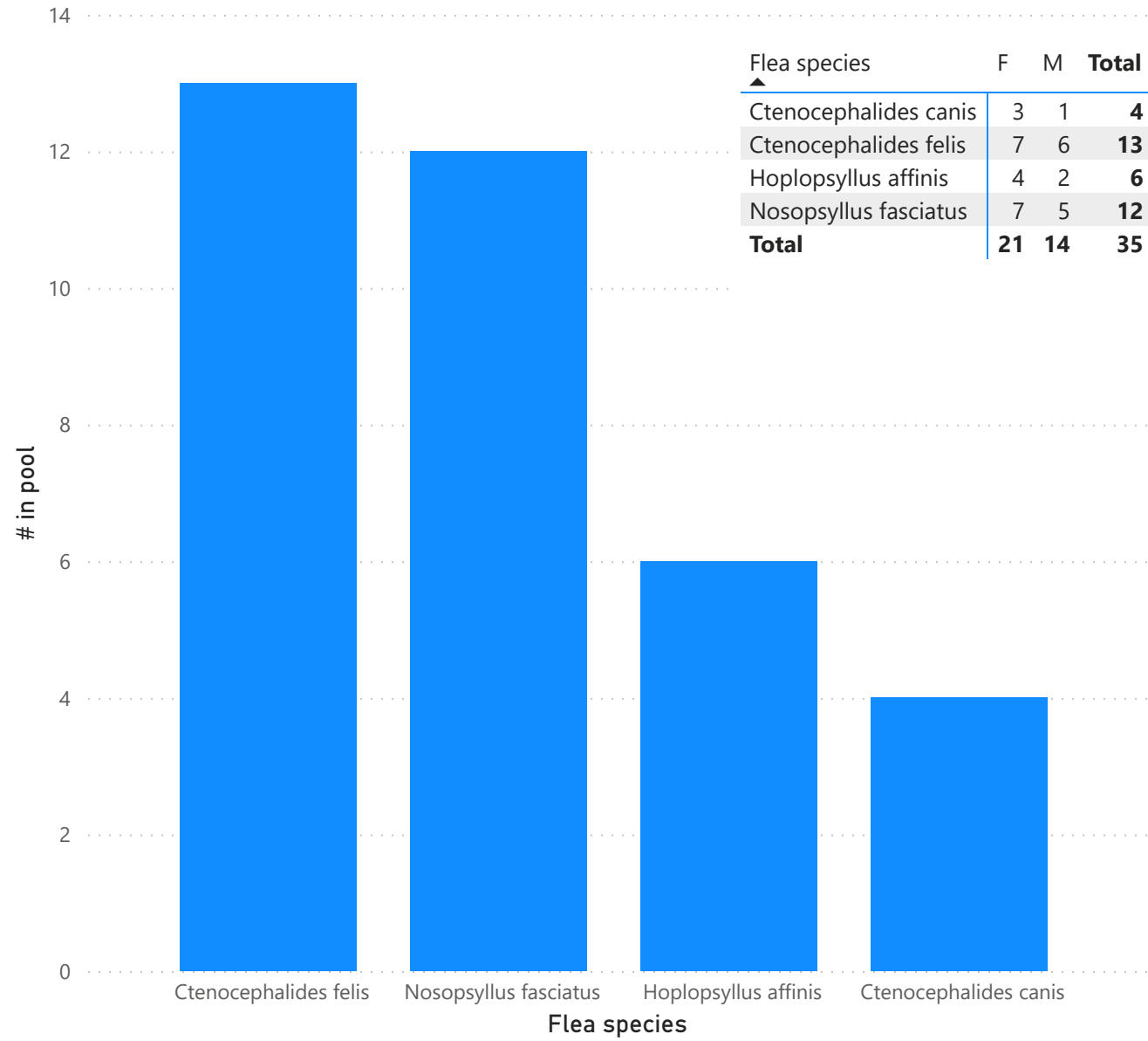


Figure 3. Total fleas collected collected the month of August

Flea Count by Site

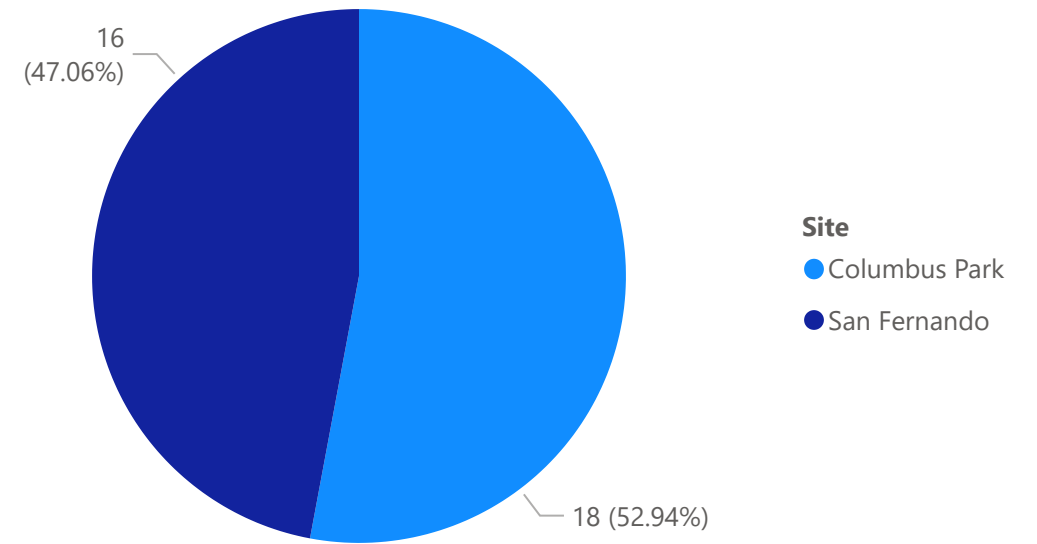


Figure 4. Total fleas collected by site in August

### Rickettsia felis Testing Results

Flea species	NEG	Total
Ctenocephalides felis	2	<b>2</b>
Leptopsylla segnis	8	<b>8</b>
Nosopsyllus fasciatus	34	<b>34</b>
<b>Total</b>	<b>44</b>	<b>44</b>

### Rickettsia typhi Testing Results

Flea species	NEG	Total
Ctenocephalides felis	2	<b>2</b>
Leptopsylla segnis	8	<b>8</b>
Nosopsyllus fasciatus	34	<b>34</b>
<b>Total</b>	<b>44</b>	<b>44</b>

**Figure 5.** Testing results for *Rickettsia felis* and *Rickettsia typhi* flea pools