



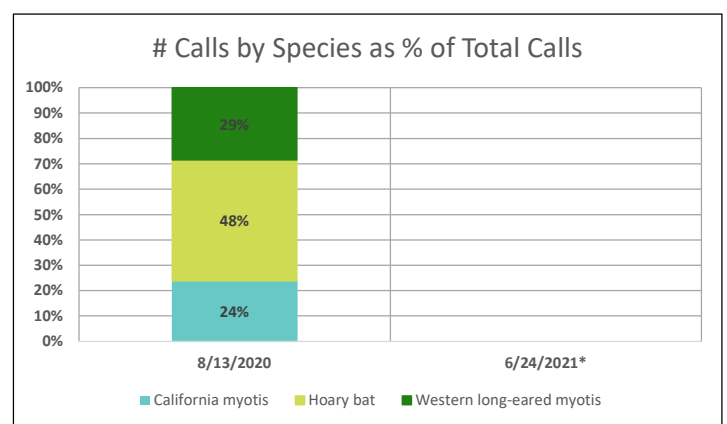
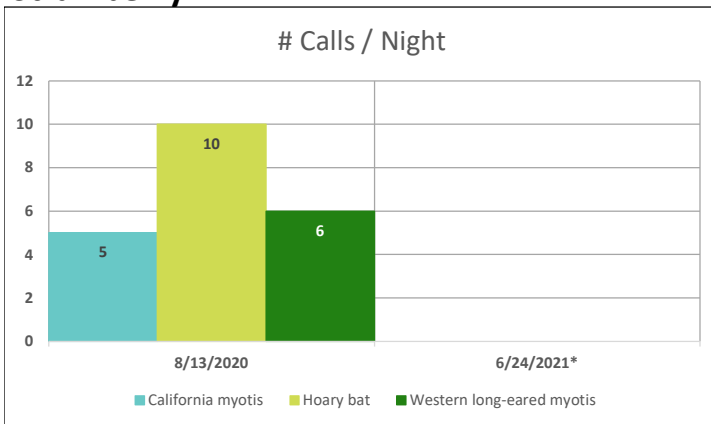
BAT ACOUSTIC MONITORING DATA SUMMARY 2020-2024 for BAINBRIDGE ISLAND

Conducted by Woodland Park Zoo and Bats Northwest
(data submitted to the North American Bat Monitoring Program)

Bat acoustic recordings were made for one night at each site between late June and early August each summer, using either an Anabat Swift or Wildlife Acoustics SM4 detector. Files were processed using SonoBat software, first to separate "noise" files from bat calls. Bat calls were auto-identified by the SonoBat program, which returns a likelihood estimate of species presence. The graph below includes only those species that were identified with a high degree of certainty (.7 or above), as calculated by SonoBat.

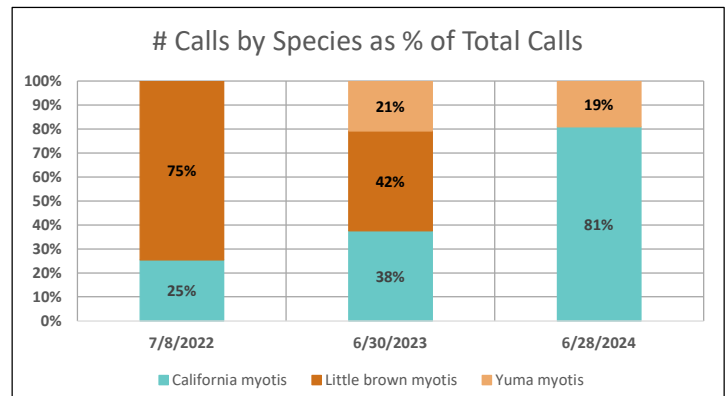
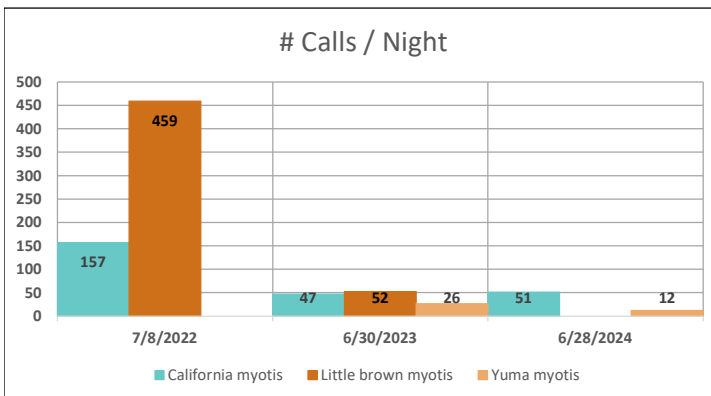
Weather notes: Summer 2021 brought atypically hot weather during the monitoring sessions (highs of 82 to 87 degrees and 10 PM temperatures of 71 to 82 degrees Fahrenheit), while summer 2024 brought atypically cool weather during the monitoring sessions (highs of 65 to 71 degrees and 10 PM temperatures of 56 to 65 degrees Fahrenheit, with some precipitation in the early evening of the first monitoring night). Other years saw more typical weather.

Strawberry Hill



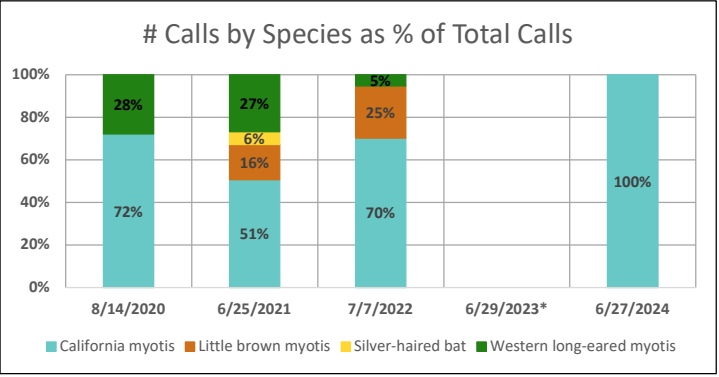
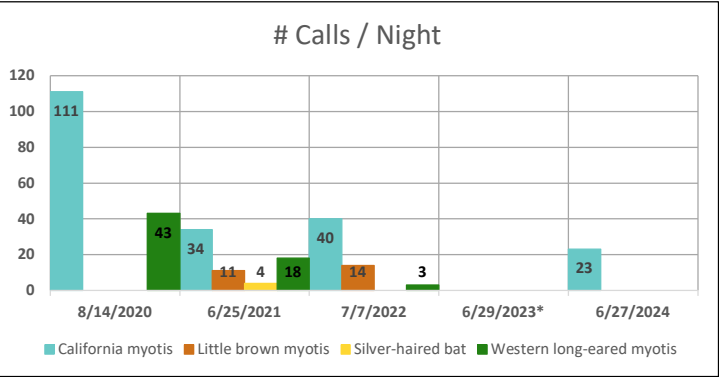
*Note: Big brown bat, fringed myotis, little brown bat, long-legged myotis, silver-haired bat, Townsend's big-eared bat and Yuma myotis omitted due to lack of data indicating presence during monitoring at this location. Strawberry Hill was only monitored in 2020 and 2021. There were no reliable detections of bat species on the 6/24/21 monitoring session.

Bloedel Reserve



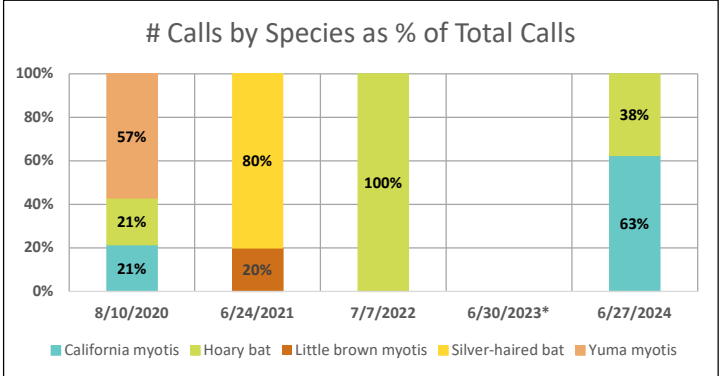
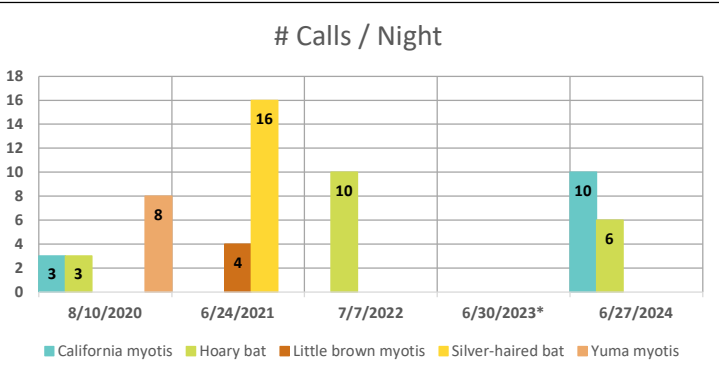
*Note: Big brown bat, fringed myotis, hoary bat, long-legged myotis, silver-haired bat, Townsend's big-eared bat and western long-eared myotis omitted due to lack of data indicating presence during monitoring at this location.

Heart of the Forest



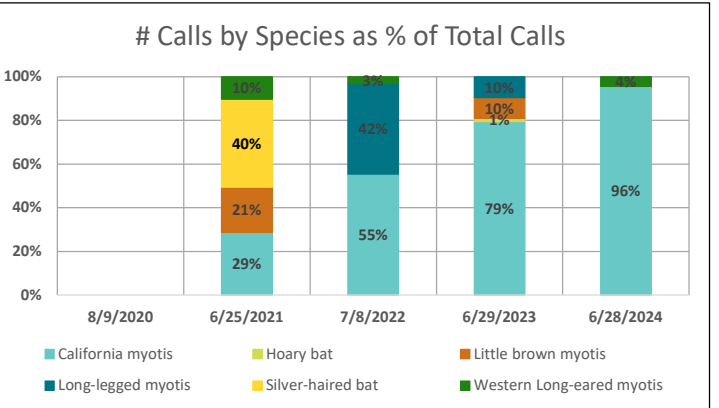
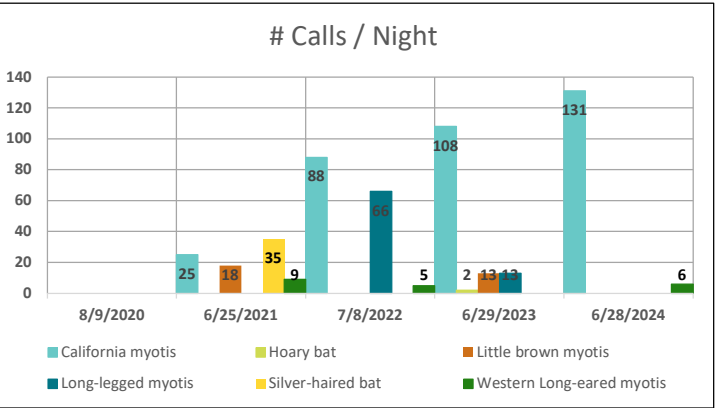
*Note: Big brown bat, fringed myotis, hoary bat, long-legged myotis, Townsend's big-eared bat and Yuma myotis omitted due to lack of data indicating prescence during monitoring at this location. A detector malfunction on 6/29/23 resulted in no data collected that night.

Hidden Cove



*Note: Big brown bat, fringed myotis, long-legged myotis, Townsend's big-eared and western long-eared myotis omitted due to lack of data indicating prescence during monitoring at this location. A detector malfunctionon 6/30/23 resulted in no data collected that night.

Meig's Park



*Note: Big brown bat, fringed myotis, Townsend's big-eared bat and Yuma myotis omitted due to lack of data indicating prescence during monitoring at this location. There were no reliable detections of bat species on the 8/9/20 monitoring session. Monitoring location within Meig's Park was shifted between 2020-2021 and again from 2021-2022, but has remained at same location since 2022.

Species Detected on One Night of Monitoring Each Summer - 2020-2024

Species	2020				2021				2022				2023				2024			
Big Brown Bat													*	*						
California Myotis													*	*						
Fringed Myotis													*	*						
Hoary Bat													*	*						
Little Brown Myotis													*	*						
Long-Legged Myotis													*	*						
Silver-Haired Bat													*	*						
Western Long-Eared Myotis													*	*						
Yuma Myotis													*	*						
	Meig's Park	Hidden Cove	Heart of the Forest	Straw berry Hill	Meig's Park	Hidden Cove	Heart of the Forest	Straw berry Hill	Meig's Park	Hidden Cove	Heart of the Forest	Bloedel Reserve	Meig's Park	Hidden Cove	Heart of the Forest	Bloedel Reserve	Meig's Park	Hidden Cove	Heart of the Forest	Bloedel Reserve

* Asterisk indicates the location was not monitored that year.

Map of Monitoring Sites on Bainbridge Island

