Shiloh Ranch Regional Park was once used as a cattle ranch before becoming a park in 1988. The total park size is 860 acres and lies in hilly terrain between the elevations of about 200 to 850 feet above sea level. The name Shiloh (spelled Shiloah originally), derives both from a biblical name and the name of a battle fought in the southern states during the Civil War and used because many of the original settlers in this area were from the south.

Shiloh Ranch Regional Park presents a diversity of landscapes from rugged canyons to sweeping vistas. The vegetation/habitat of the park consists of an open to dense mixed woodland of oaks, mixed chaparral, Douglas fir forest, chamise chaparral, and mixed evergreen forest. Species of plants include California Buckeye (Aesculus californica), California Bay (Umbellularia californica), Valley Oak (Quercus lobata), California Black Oak (Quercus kelloggii), Shrub Chamise (Adenostoma fasciculatum) Buck Brush (Ceanothus cuneatus), Coast Redwood (Sequoia sempervirens), Big-Leaf Maple (Acer macrophyllum), and Red Willow (Salix lasiandra).

The park provides habitat for the following animal species: Mule Deer, Black-Tailed Hare, Brush Rabbit, Western Gray Squirrel, Gray Fox, Coyote, Bobcat, Mourning Dove, Band-Tailed Pigeon, California Quail and numerous other bird species.