



## Appendix D-2

Paleontology Records Review for Proposed 86-Unit Apartment Complex  
San Bernardino County Museum

June 21, 2024



**Museum**  
Division of Earth Science

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21 June, 2024

CRM Tech  
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PALEONTOLOGY RECORDS REVIEW for proposed site of Proposed 86-Unit  
Apartment Complex project (CRM TECH No. 4109P), Hesperia, San Bernardino  
County, California

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Dear Ms. Gallardo,

The Division of Earth Science of the San Bernardino County Museum (SBCM) has completed a record search for the above-named project in San Bernardino County, California. The proposed project site (Proposed 86-Unit Apartment Complex) is in the city of Hesperia, California as shown on the United States Geological Survey (USGS) 7.5-minute Hesperia, California quadrangle.

Geologic mapping of that region done by Dibblee and Minch (2008) indicates the entire project site is situated atop Pleistocene age older alluvial deposits (Qoa), comprised of medium to coarse-grained grey to brown sand. This alluvium is derived from local highland sources such as the San Bernardino and San Gabriel mountains. Terrestrial macro- and microfossils are commonly found in Pleistocene age alluvium throughout the southwest of North America, including much of the Mojave Desert (Harris 2014). Common fossil taxa in the region include mammoths, mastodons, horses, and camels, as well as microfauna including gastropods, lizards, ground squirrels, pocket mice, voles, and rabbits. Over one hundred SBCM paleontological localities are found in Qoa within 10 miles of the project site.

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For this review, I conducted a search of the Regional Paleontological Locality Inventory (RPLI) at the SBCM. The results of this search indicate that no paleontological resources have been discovered within the proposed project site, nor within 1 mile of its perimeter. The nearest locality, SBCM 1.114.235, is approximately 1.6 miles east of the proposed project site. Root casts were collected both at and shallowly beneath the surface of SBCM 1.114.235. The nearest recorded vertebrate paleontological resources are situated in a cluster of SBCM localities approximately 3.5 miles away from the project site.

This records search covers only the paleontological records of the San Bernardino County Museum. It is not intended to be a thorough paleontological survey of the proposed project area covering other institutional records, a literature survey, or any potential on-site survey.

Please do not hesitate to contact us with any further questions that you may have.

Sincerely,



Scott Kottkamp, Curator of Earth Science  
Division of Earth Science  
San Bernardino County Museum

#### **Literature Cited**

Dibblee, T.W., and Minch, J.A. 2008. Geologic map of the Hesperia 15 minute quadrangle, San Bernardino County, California. Dibblee Geological Foundation. Dibblee Foundation Map DF-382. Scale 1:62,500.

Available at: [https://ngmdb.usgs.gov/Prodesc/proddesc\\_84182.htm](https://ngmdb.usgs.gov/Prodesc/proddesc_84182.htm) (accessed 2 March 2024).

Harris, A. 2014. Pleistocene Vertebrates of Southwestern USA and Northwestern Mexico. TEP Biodiversity Collections, Department of Biological Sciences, and Centennial Museum, University of Texas at El Paso. El Paso, TX. 10.13140/2.1.3490.7527.

Available at: [www.utep.edu/leb/pleistnm/](http://www.utep.edu/leb/pleistnm/) (accessed 2 March 2024).