

APPENDIX 4.7-2

PALEONTOLOGICAL RECORDS SEARCH

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December 24, 2023

Kimley-Horn
Attn: Brian Leung

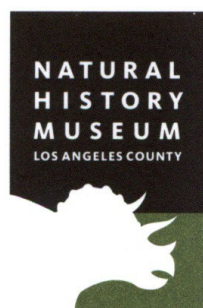
re: Paleontological resources for the Anaheim Hills Festival Shopping Center EIR Project

Dear Brian:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the Anaheim Hills Festival Shopping Center EIR project area as outlined on the portion of the Black Star Canyon USGS topographic quadrangle map that you sent to me via e-mail on December 7, 2023. We do not have any fossil localities that lie directly within the proposed project area, but we do have fossil localities nearby from the same sedimentary deposits that occur in the proposed project area, either at the surface or at depth.

The following table shows the closest known localities in the collection of the Natural History Museum of Los Angeles County (NHMLA).

| Locality Number | Location | Formation | Taxa | Depth |
|--|---|--|---|------------------------------------|
| LACM IP 1287 | 23800 Santa Ana Canyon Road, Orange Co. | Topanga Formation | Invertebrates (unspecified) | Surface |
| LACM VP 4315 | South side of a side road paralleling the Riverside Freeway (91), 0.2 mi west of the Gypsum Canyon exit | Vaqueros Formation (medium grained sandstone) | Requiem shark (<i>Carcharhinus</i>), basking shark (<i>Cetorhinus</i>), (<i>Squatina</i>), monkfish (<i>Dasyatidae</i>); oysters and other mollusks, wood fragments | Exposed in road cut |
| LACM VP 6927-6930; LACM IP 23650, 30181 | Peralta Hills, NE of Serrano Ave and Cannon St. | Sespe / Vacqueros Formation (sandy claystone and clay) | Horse relative (<i>Parahippus</i>), unidentified artiodactyl (<i>Artiodactyla</i>), pig-like mammal (<i>Tayassuidae</i>), camel family (<i>Camelidae</i>), and uncatalogued invertebrates | Unknown (recovered during grading) |
| LACM IP 15677 | 0.3 miles NNE of Olive Hills Reservoir | Puente Formation | Invertebrates (unspecified) | surface |
| LACM IP 21274 - 21286 | Peralta Hills | Puente Formation (coarse sandstone, | Invertebrates (unspecified) | Unknown |



| Locality Number | Location | Formation | Taxa | Depth |
|-----------------|---------------------------------------|--------------------|-----------------------------|--------------------------------|
| LACM IP 16158 | 1 1/2 miles west of Olive Post Office | Ferrando Formation | Invertebrates (unspecified) | 3198-3200 foot depth (Well #1) |

VP, Vertebrate Paleontology; IP, Invertebrate Paleontology; bgs, below ground surface

This records search covers only the records of the NHMLA. It is not intended as a paleontological assessment of the project area for the purposes of CEQA or NEPA. Potentially fossil-bearing units are present in the project area, either at the surface or in the subsurface. As such, NHMLA recommends that a full paleontological assessment of the project area be conducted by a paleontologist meeting Bureau of Land Management or Society of Vertebrate Paleontology standards.

Sincerely,



Alyssa Bell, Ph.D.
 Natural History Museum of Los Angeles County

enclosure: invoice