

Natural History Museum
of Los Angeles County
900 Exposition Boulevard
Los Angeles, CA 90007

tel 213.763.DINO
www.nhm.org

Research & Collections

e-mail: paleorecords@nhm.org

May 26, 2024

ECORP Consulting, Inc.
Attn: Niranjala Kottachchi

re: Paleontological resources for the 10th and Flower Park Project

Dear Niranjala:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the 10th and Flower Park project area as outlined on the portion of the Anaheim USGS topographic quadrangle map that you sent to me via e-mail on May 14, 2024. 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 may 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 VP 1652	Rio Vista Avenue south of Lincoln Avenue	Alluvium (Pleistocene)	Sheep (<i>Ovis</i>)	Unknown (excavations for housing project)
LACM VP 7657 - 7659	Ellis Avenue & Patterson Lane, Huntington Beach	Unknown Formation (Pleistocene; gray siltstone)	School shark (<i>Galeorhinus</i>), eagle ray (<i>Myliobatus</i>), goby (<i>Lepidogobius</i> , <i>Leptocottus</i>), midshipmen (<i>Porichthys</i>), croaker (<i>Seriphus</i>), flatfish (<i>Citharichthys</i>), cusk-eel (<i>Otophidium</i>), skate (<i>Raja</i>), angelshark (<i>Squatina</i>), sculpin (<i>Cottidae</i>)	150 - 350 ft bgs
LACM VP 65113	5092 Wintersburg Road; Huntington Beach	Unknown formation (Pleistocene)	Mammoth (<i>Mammuthus</i>), bison (<i>Bison</i>); uncatalogued invertebrates	6 - 20 feet bgs
LACM VP 6370	near the intersection of Superior Avenue & Pacific Coast Highway; Newport	Terrace deposits (Pleistocene, silty sandstones)	Horse (<i>Equus</i>), other unspecified mammals; Invertebrates: clam (<i>Tivela</i> , <i>Donax</i> , <i>Lucinisca</i>), scaphopod (<i>Dentalium</i> , <i>Antalis</i>), marine	Unknown (found during grading for parking lot construction)

Locality Number	Location	Formation	Taxa	Depth
	Beach		gastropods (<i>Glossaulax</i> , <i>Chlorostoma</i>)	
LACM VP 1339	Costa Mesa; on Adams Ave.; west of Orange Coast College	Unknown (Pleistocene)	Mammoth (<i>Mammuthus</i>) and invertebrates	15 ft below mesa top

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 Federal (43 Code of Federal Regulations Part 49.110) or Society of Vertebrate Paleontology standards.

Sincerely,



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

enclosure: invoice