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Research & Collections

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April 28, 2024

Psomas
Attn: Charles Cisneros

re: Paleontological resources for Project 3CRA120300

Dear Charles:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the 3CRA120300 project area as outlined on the portion of the South Gate USGS topographic quadrangle map that you sent to me via e-mail on April 24, 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 IP 7	near Compton (more precise locality not available)	Unknown formation (Pleistocene)	Oysters on a fragment of pecten	735 feet bgs (collected from well excavations)
LACM VP 3365	Athens on the Hill, Los Angeles (more precise information not available)	Unnamed formation (Pleistocene)	Mammoth (<i>Mammuthus</i>)	Unknown
LACM VP 1225	354 W 99th St., Los Angeles	Unknown formation (Pleistocene)	Mammoth (<i>Mammuthus</i>)	15-20 feet bgs
LACM VP 3266	W Athens Blvd & Menlo Ave	Unnamed formation (Pleistocene, calcareous siltstone)	Uncatalogued vertebrates	15-18 feet bgs
LACM VP 1295, 1344, 4206	Harbor Freeway excavations between 112 St & 113 St.*	Unknown formation (Pleistocene)	Horse (<i>Equus</i>), Bison (<i>Bison</i>), canine (<i>Canis</i>), birds (<i>Mancalla</i> , <i>Parapavo</i> , Aves), rabbit (<i>Sylvilagus</i> , Leporidae), mammoth (<i>Mammuthus</i>), rodent (<i>Thomomys</i> , <i>Microtus</i> , Sciuridae, Rodentia), ground	Unknown

Locality Number	Location	Formation	Taxa	Depth
			sloth (<i>Paramylodon</i>), antelope (<i>Breameryx</i>), artiodactyl (<i>Pecora</i>), turtle (<i>Clemmys</i>)	

VP, Vertebrate Paleontology; IP, Invertebrate Paleontology; bgs, below ground surface
**see Miller 1971; Bulletin of the Los Angeles County Museum of Natural History, science: no. 10.*

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