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Research & Collections

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October 22, 2023

CAJA Environmental Services
Attn: Sherrie Cruz

re: Paleontological resources for the Sunset and Everett Project

Dear Sherrie:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the Sunset and Everett Project area as outlined on the portion of the Los Angeles USGS topographic quadrangle map that you sent to me via e-mail on October 12, 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 VP 5961	Just north of the intersection of 1st & Hill Streets, downtown LA	Puente Formation	Bristlemouth (<i>Cyclothone</i>)	Unknown (collected during Metrorail excavations)
LACM VP 6198 - 6203	Beneath Wilshire Blvd. from MacArthur Park to the Wilshire/Vermont subway station	Puente Formation (laminated siltstone)	Fish - Eel (Anguilliformes), needlefish (Belonidae), and others; Invertebrates - Echinoid (Araeosoma) and others	60 feet bgs
LACM VP 6204	Metro Rail Red Line Wilshire Blvd. / Western Ave. subway station	Older Alluvium (pebble-gravel; sand; silt & clay)	Mammoth (<i>Mammuthus</i>)	65 ft bgs
LACM VP 3868	Near 6th & Bixel Sts	Fernando Formtion (upper member)	Great White shark (<i>Carcharodon sulcidens</i>)	Unknown (350 - 375 ft above sea level)
LACM VP 7990	Hall of Justice building	Puente Formation, Yorba Member	Teleostei (viperfish [<i>Chauliodus</i>], cod [Gadiformes],	Unknown depth (fossil

Locality Number	Location	Formation	Taxa	Depth
		(claystone; siltstone & sandstone layers)	herring/shad/sardines [Clupeidae], mackerel/tuna/bonito [Scombridae], slickheads [Alepocephalidae], smelts [Bathylagidae], herring smelt [Argentinidae], scaly dragonfish [Stomiidae], bristlemouths [Gonostomidae])	layers at 257-321 ft above mean sea level)
17 Localities	The area bounded by 7th St., Spring St., 3rd St., and Flower St.	Fernando Formation	Invertebrates, including <i>Crepidula princeps</i> and <i>C. grandis</i> ; <i>Haliotis</i> ; Mitraidae; and others	Localities with recorded depths range from 30 – 80 ft bgs

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