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Research & Collections

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September 25, 2022

CAJA Environmental Services
Attn: Sherrie Cruz

re: Paleontological resources for the 1200 Vine 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 1200 Vine Project area as outlined on the portion of the Hollywood USGS topographic quadrangle map that you sent to me via e-mail on September 8, 2022. 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 3280	2443 N. Gower St	Unknown (Eocene)	<i>Amaurellina clarki</i> Stewart	unknown
LACM VP 6297 - 6300	Metro Rail Red Line Hollywood Blvd. subway tunnel, Hollywood Blvd from St. Andrews Place to Western Ave	Older alluvium (pebble-gravel; sand; sand & clay)	Horse (<i>Equus</i>), mastodon (<i>Mammot americanum</i>), bison (<i>Bison</i>), camel (<i>Camelops</i>)	47-80 feet bgs
LACM VP 6205 - 6207	Southeast from the northeast corner of N. Berendo St. & Hollywood Blvd; collected from tunnel entrance at Barnsdall Park Access shaft to Metro Rail Red Line Vermont Ave. subway tunnel	Puente Formation (dark brown to brown laminated siltstone)	Herring (<i>Xyne grex</i>), sardine (<i>Ganolytes cameo</i>), ridgehead (<i>Scopelogadus</i>), lanternfish (<i>Diaphus</i>), drumfish (<i>Lompoquia</i>), bristlemouth (<i>Cyclothone</i>), bottlefish (<i>Danaphos</i>), ray-finned fish (<i>Gadoidei</i>), needlefish (Belonidae), cod-like fish (Moridae), tuna/mackerel/bonito family (Scombridae), slickhead (Aleopcephalidae), deep-sea smelt (Bathylagidae), herring smelt (Argentinidae), drum/croaker family (Sciaenidae);	91 feet bgs

			and unspecified invertebrates	
LACM VP 6948	Metrorail Red Line Vermont Ave. / Sunset Blvd. subway station	Puente Formation (Yellowish brown to gray bedded siltstone shale)	Croaker (<i>Genyonemus</i>), viperfish (<i>Chauliodus</i>), herring (<i>Ganolytes</i> , <i>Xyne</i>), porgies (<i>Plectrites</i>), bonito (<i>Sarda</i>), drumfish (<i>Lompoquia</i>), perch-like (<i>Thyrsoles</i>), jack (<i>Decapterus</i>), rock bass (<i>Paralabrax</i>), argentine (<i>Argentina</i>), bristlemouth (<i>Cyclothone</i>)	80 feet bgs
LACM VP 3250	Madison & Middlebury Streets	Unrecorded (Pleistocene)	Mammoth (<i>Mammuthus</i>)	8 feet bgs
LACM VP 5845	West side of Western Ave. just north of Council St	Unknown formation (Pleistocene, unconsolidated yellow sediments)	Mastodon (Mammutidae)	5-6 feet bgs
LACM VP 3371	Intersection of Sierra Bonita & Oakwood Ave	Unknown formation (Pleistocene; green clay)	Bison (<i>Bison</i>)	12 feet bgs (sewer replacement project)

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