

APPENDIX D

PALEONTOLOGICAL RECORD SEARCH

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March 29, 2022

Kimley-Horn
Attn: Serena Lin

re: Paleontological resources for the 6821 Fairlynn Boulevard Project

Dear Serena person:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the 6821 Fairlynn Boulevard project area as outlined on the portion of the Orange USGS topographic quadrangle map that you sent to me via e-mail on March 15, 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 VP 1652	Rio Vista Avenue south of Lincoln Avenue	Alluvium (Pleistocene)	Sheep (<i>Ovis</i>)	Unknown (excavations for housing project)
LACM VP 4185-4201	Coyote Creek, adjacent to Ralph B Clark Regional Park in West Coyote Hills	La Habra Formation (Pleistocene; sandy silt shot through with caliche)	Bison (<i>Bison</i>), camel (<i>Camelops</i>), horse (<i>Equus</i>), mammoth (<i>Mammuthus</i>), mastodon (<i>Mamut</i>), elephant clade (Proboscidea), dire wolf (<i>Canis dirus</i>), Coyote (<i>C. latrans</i>), deer (<i>Odocoileus</i>), dwarf pronghorn (<i>Capromeryx</i>), unidentified artiodactyl; sea duck (<i>Chendytes</i>)	Surface, in creek bed
LACM VP 7508	Near intersection of Vellano Club Dr. and Palmero Dr., Oakcrest Development; N of Serrano Canyon,	Unknown formation (Pleistocene)	Ground sloth (<i>Nothrotheriops</i>); elephant family (Proboscidea); horse (<i>Equus</i>)	Unknown

Chino Hills			
Sundance Condominiums, S of Los Serranos Golf Course			
LACM VP 7268, 7271		Unknown (Pleistocene)	Horse (<i>Equus</i>) Unknown
LACM VP 1728	W of intersection of English Rd & Peyton Dr, Chino	Unknown (light brown shale with interbeds of very coarse brown sand; Pleistocene)	Horse (<i>Equus</i>), camel (<i>Camelops</i>) 15-20 feet bgs
LACM VP 3347	11204 Bluefield; Whittier	La Habra Formation (lacustrine silt with caliche and plant detritus)	Horse (<i>Equus</i>) 2 feet bgs
LACM VP 1207	Hill on east side of sewage disposal plant; 1 mile N-NW of Corona	Unknown formation (Pleistocene)	Bovidae Unknown

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