

**PALEONTOLOGICAL
ASSESSMENT FOR THE
16300 EUCLID STREET PROJECT**

**CITY OF FOUNTAIN VALLEY,
ORANGE COUNTY, CALIFORNIA**

APN 144-111-01

Prepared on Behalf of:

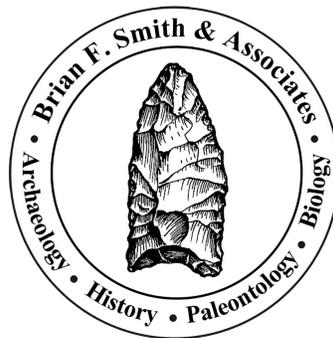
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Prepared for:

**City of Fountain Valley
10200 Slater Avenue
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Prepared by:

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October 8, 2021; Revised July 12, 2024

Paleontological Database Information

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Report Date: October 8, 2021; Revised July 12, 2024

Report Title: Paleontological Assessment for the 16300 Euclid Street Project,
City of Fountain Valley, Orange County, California

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Assessor's Parcel Number: 144-111-01

USGS Quadrangle: Section 21, Township 5 South, Range 10 West, USGS *Newport Beach, California* Quadrangle (7.5-minute)

Study Area: 18.62 acres

Key Words: City of Fountain Valley; Paleontological assessment; Holocene and late Pleistocene young alluvial fan deposits; low to undetermined sensitivity; no monitoring recommended.

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I. INTRODUCTION AND LOCATION

A paleontological resource assessment has been completed for the 16300 Euclid Street Project located at 16300 Euclid Street in the city of Fountain Valley, Orange County, California (Figures 1 and 2). The approximately 18.64-acre (gross) project occupies Assessor's Parcel Number (APN) 144-111-01. On the United States Geological Survey (USGS) 1:24,000-scale *Newport Beach, California* (7.5-minute) topographic quadrangle map, the project is located in Section 21, Township 5 South, Range 10 West, of the San Bernardino Baseline and Meridian (see Figure 2). The project will include the development of a residential community with a variety of living accommodations including townhomes, triplexes, and apartments, along with associated parking, hardscape, and landscape. Currently, the subject property consists of vacant farmland.

As the lead agency, the City of Fountain Valley has required the preparation of a paleontological assessment to evaluate the project's potential to yield paleontological resources. The paleontological assessment of the project included a review of paleontological literature and fossil locality records in the area; a review of the underlying geology; and recommendations to mitigate impacts to potential paleontological resources, if necessary. A paleontological field survey was not conducted since the surface of the project property is flat and covered with disturbed soil.

II. REGULATORY SETTING

The California Environmental Quality Act (CEQA), which is patterned after the National Environmental Policy Act, is the overriding environmental regulation that sets the requirement for protecting California's paleontological resources. CEQA mandates that governing permitting agencies (lead agencies) set their own guidelines for the protection of nonrenewable paleontological resources under their jurisdiction.

State of California

Under "Guidelines for Implementation of CEQA," as amended in December 2018 (California Code of Regulations [CCR] Title 14, Division 6, Chapter 3, Sections 15000 et seq.), procedures define the types of activities, persons, and public agencies required to comply with CEQA. Section 15063 of the CCR provides a process by which a lead agency may review a project's potential impact to the environment, whether the impacts are significant, and provide recommendations, if necessary.

In CEQA's Environmental Checklist Form, one of the questions to answer is, "Would the project directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?" (Appendix G, Section VII, Part f). This is to ensure compliance with California Public Resources Code Section 5097.5, the law that protects nonrenewable resources, including fossils:

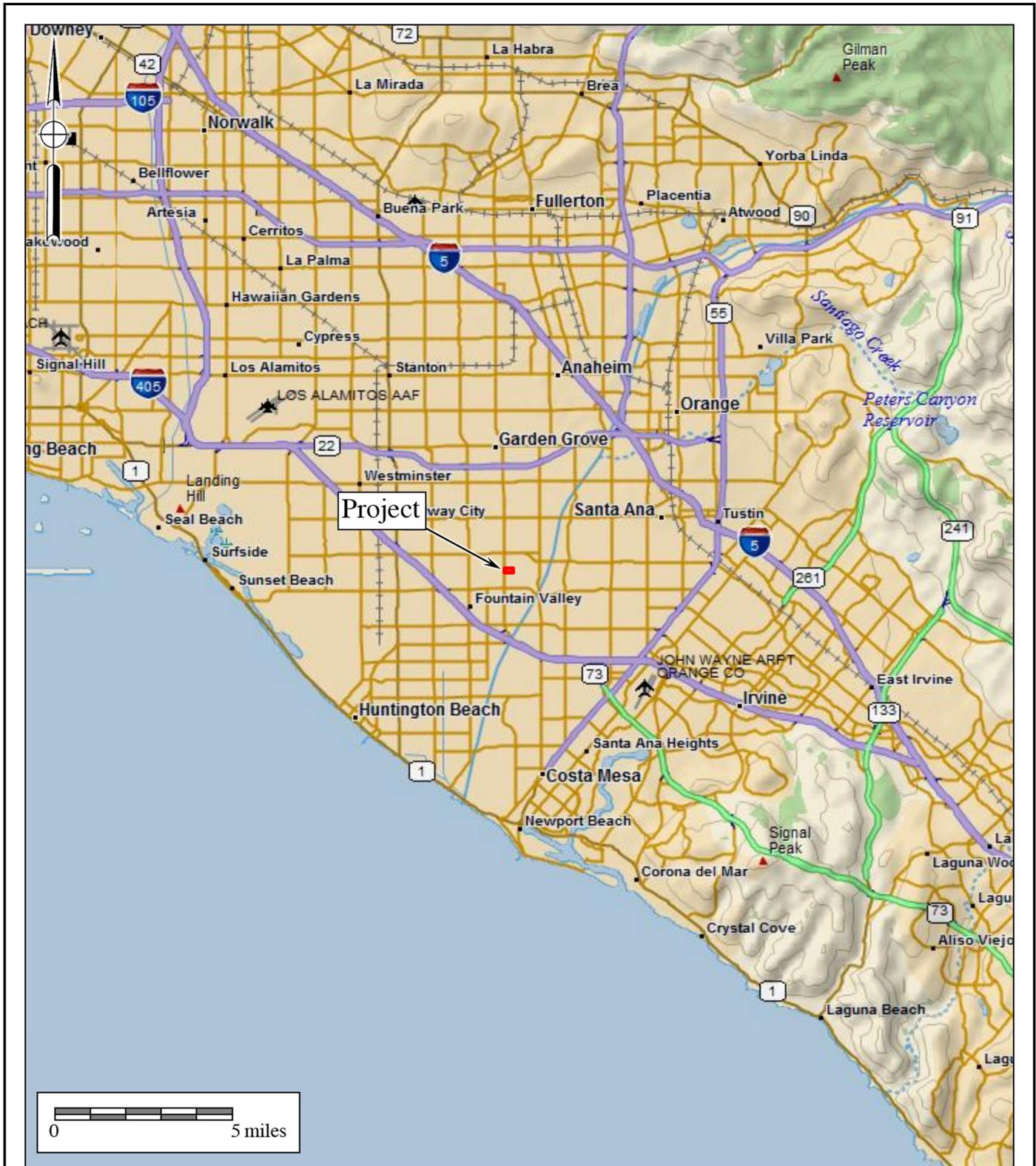


Figure 1
General Location Map
 16300 Euclid Street
 DeLorme (1:250,000)



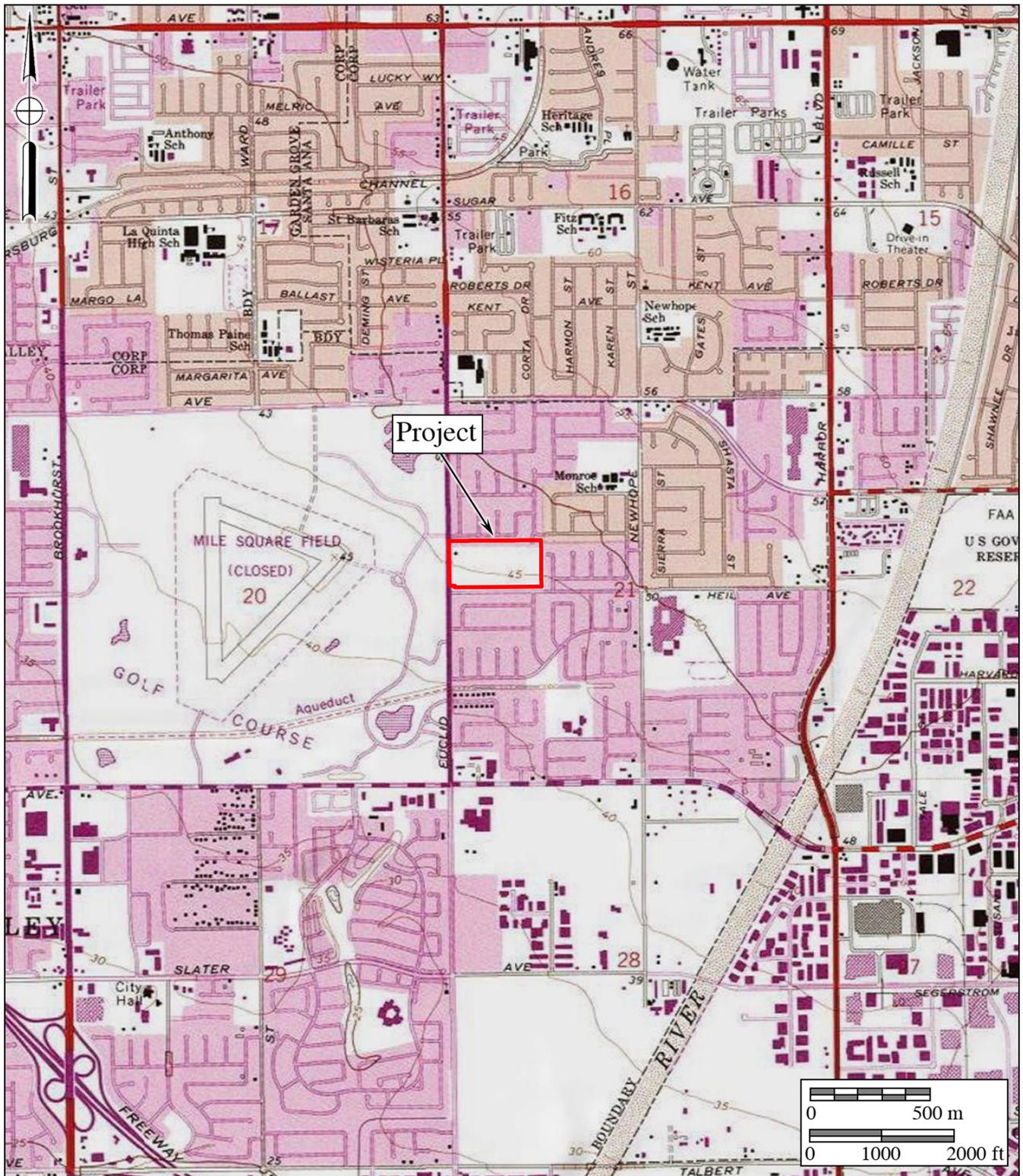


Figure 2
Project Location Map
 16300 Euclid Street

USGS Newport Beach Quadrangle (7.5-minute series)



- a) A person shall not knowingly and willfully excavate upon, or remove, destroy, injure or deface any historic or prehistoric ruins, burial grounds, archaeological or vertebrate paleontological site, including fossilized footprints, inscriptions made by human agency, rock art, or any other archaeological, paleontological or historical feature, situated on public lands, except with the express permission of the public agency having jurisdiction over such lands.
- b) As used in this section, “public lands” means lands owned by, or under the jurisdiction of, the state, or any city, county, district, authority, or public corporation, or any agency thereof.
- c) A violation of this section is a misdemeanor.

City of Fountain Valley

The current General Plan of the City of Fountain Valley does not include paleontological resources (City of Fountain Valley 1995). According to the city website, the city is currently updating the general plan.

III. GEOLOGY

The current path of the Santa Ana River lies approximately one mile east of the 16300 Euclid Street Project. Geologically, the surficial sediments across the project are mapped as Holocene and late Pleistocene young alluvial fan deposits (yellow areas labeled “Qy_fsa” on Figure 3) consisting of unconsolidated, silty, sandy, alluvium with gravel and silt (Morton and Miller 2006). Holocene deposits are estimated to be approximately 140 to 150 feet thick in the area of the project (Sprotte et al. 1980). During the Holocene, activity of the Santa Ana River points to widespread sheet flooding and wandering, as indicated by extensive and continuous “younger” sand and silt deposits (Greenwood and Pridmore 1997).

A geotechnical investigation was recently performed for the project by Leighton Consulting, Inc. (Pflueger and Kim 2021). Findings from direct-push probe penetration and soil sampling activities indicated the project is covered by approximately two to three feet (with deeper localized spots) of undocumented fill soils that overlie alternating sequences with variable thicknesses of sand, silty sand, sandy silt, silt, silty clay, and clay to the total depth explored of about 50 feet. To accommodate the planned construction, Pflueger and Kim (2021) recommended: the removal of all undocumented fill soils below the building footprint for replacement with engineered fill; a minimum of three feet of engineered fill should be established below the proposed foundation; deeper overexcavation may be warranted in places depending on encountered conditions.

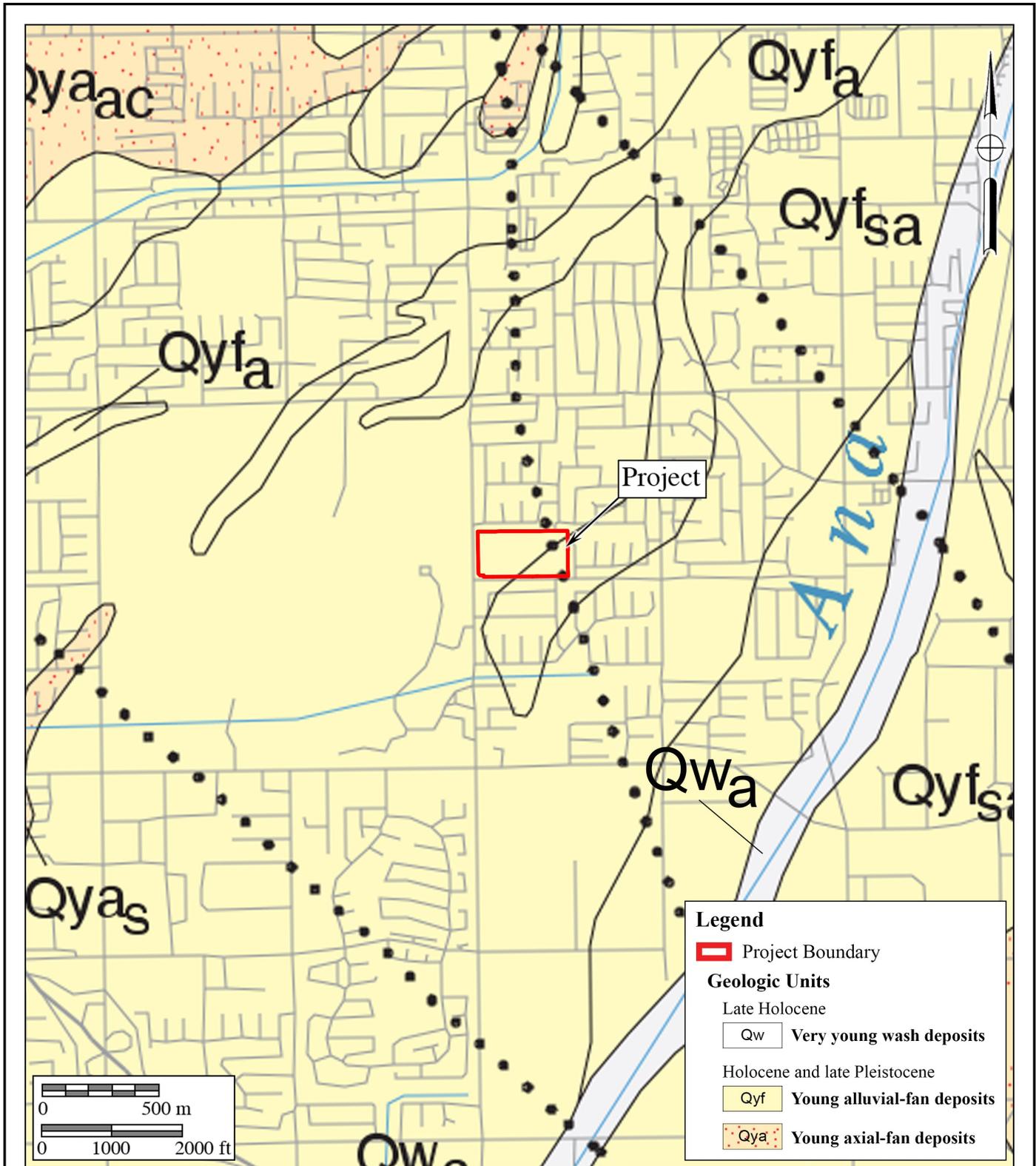


Figure 3
Geologic Map
 16300 Euclid Street

Geology after Morton and Miller (2006)



IV. PALEONTOLOGICAL RESOURCES

Definition

Paleontological resources are the remains of prehistoric life that have been preserved in geologic strata. These remains are called fossils and include bones, shells, teeth, and plant remains (including their impressions, casts, and molds) in the sedimentary matrix, as well as trace fossils such as footprints and burrows. Fossils are considered older than 5,000 years of age (Society of Vertebrate Paleontology 2010) but may include younger remains (subfossils), for example, when viewed in the context of local extinction of the organism or habitat. Fossils are considered a nonrenewable resource under state and local guidelines (see Section II of this report).

Fossil Locality Search

A paleontological locality and records search was performed for the project by the Natural History Museum of Los Angeles County (LACM) (Bell 2021 [Appendix B]). The records search indicates that no fossil localities were identified within the project boundaries or near the project. The closest-known fossil locality is located approximately four miles southeast of the project, consisting of Pleistocene-aged marine invertebrate fossils from the Palos Verdes Sand (LACM loc. IP 4695). Other, more distant nearby localities are summarized in the records search in Appendix B. According to Bell (2021), all of the localities listed in the record search are derived from the same sediments as those at the project, however, closer inspection indicates that the listed localities are from much older, Pleistocene-aged, deposits, and all but one (LACM locs. VP 7366, 7422-7425, 7679) appear to be of marine or paralic in origin. The sediments at the project are likely fluvial (stream/river) in origin.

A review of published and unpublished literature was conducted for potential paleontological resources that are known in the vicinity of the project. Data reported in Miller (1971) and Jefferson (1991) indicates there are no nearby fossil localities known.

V. PALEONTOLOGICAL SENSITIVITY

Overview

The degree of paleontological sensitivity of any particular area is based on a number of factors, including the documented presence of fossiliferous resources on a site or in nearby areas, the presence of documented fossils within a particular geologic formation or lithostratigraphic unit, and whether or not the original depositional environment of the sediments is one that might have been conducive to the accumulation of organic remains that might have become fossilized over time. Holocene alluvium is generally considered to be geologically too young to contain significant nonrenewable paleontological resources (*i.e.*, fossils), and is therefore typically assigned a Low paleontological sensitivity. Pleistocene (more than 11,700 years old) alluvial

and alluvial fan deposits in the Los Angeles Basin, however, often yield important Ice Age terrestrial vertebrate fossils, such as extinct mammoths, mastodons, giant ground sloths, extinct species of horse, bison, and camel, saber-toothed cats, and others (Jefferson 1991). These Pleistocene sediments are accorded a High paleontological resource sensitivity.

Professional Standards

The Society of Vertebrate Paleontology has drafted guidelines that include four categories of paleontological sensitivity for geologic units (formations) that might be impacted by a proposed project, as listed below:

- High Potential: Rock units from which vertebrate or significant invertebrate, plant, or trace fossils have been recovered.
- Undetermined Potential: Rock units for which little information is available concerning their paleontological content, geologic age, and depositional environment; further study is needed to determine the potential of the rock unit.
- Low Potential: Rock units that are poorly represented by fossil specimens in institutional collections or based on a general scientific consensus that only preserve fossils in rare circumstances.
- No Potential: Rock units that have no potential to contain significant paleontological resources, such as high-grade metamorphic rocks and plutonic igneous rocks.

Using these criteria, based on a Holocene age for the sedimentary deposits at the project, no known significant fossils nearby, and the regional geology, a low to undetermined paleontological potential may be assigned to the project.

VI. CONCLUSIONS AND RECOMMENDATIONS

Research has revealed the presence of “Holocene and late Pleistocene” young alluvial fan deposits mapped at the 16300 Euclid Street Project. Within Orange County, young alluvial fan sediments rarely produce fossils. Despite the suggestion by Bell (2021) that fossils collected in the region were from the same deposits as those that underlie the project, the sediments at the project are likely too young and very thick as a result of high sedimentation rates by the Santa Ana River since the end of the Pleistocene. These data strongly suggest a low paleontological potential for the project. *All of these factors support the recommendation that paleontological monitoring should **not** be required during mass grading, trenching, and excavation activities in undisturbed young alluvial fan sediments at the project.* However, if paleontological resources are inadvertently discovered, a paleontological mitigation monitoring and reporting program should be implemented at the project. A proposed MMRP is detailed below. When implemented with the provisions of CEQA and the guidelines of the Society of Vertebrate

Paleontology (2010), this MMRP would mitigate any adverse impacts (loss or destruction) to potential nonrenewable paleontological resources (fossils), if present, to a level below significant.

Mitigation Monitoring and Reporting Program (MMRP)

The following MMRP guidelines, outlined below, are based on the findings stated above. Paleontological monitoring may be reduced upon the observations and recommendations of the professional-level project paleontologist. The following MMRP, when implemented, would reduce potential impacts of paleontological resources to a level below significant:

1. If paleontological resources are discovered during earth disturbance activities, the discovery shall be cordoned off with a 100-foot radius buffer so as to protect the discovery from further potential damage, and a city-qualified paleontologist shall be consulted to assess the discovery.

If the discovery is determined to be significant by the paleontologist, an MMRP shall be initiated, which will include notification of appropriate personnel involved and monitoring of earth disturbance activities:

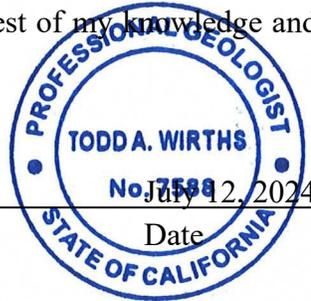
1. Monitoring of mass grading and excavation activities in areas identified as likely to contain paleontological resources shall be performed by a qualified paleontologist or paleontological monitor. Monitoring will be conducted full-time in areas of grading or excavation in undisturbed sediments of alluvial fan and formational deposits.
2. Paleontological monitors will be equipped to salvage fossils as they are unearthed to avoid construction delays. The monitor must be empowered to temporarily halt or divert equipment to allow removal of abundant or large specimens in a timely manner. Monitoring may be reduced if the potentially fossiliferous units are not present in the subsurface, or, if present, are determined upon exposure and examination by qualified paleontological personnel to have low potential to contain fossil resources. The monitor shall notify the project paleontologist, who will then notify the concerned parties of the discovery.
3. Paleontological salvage during trenching and boring activities is typically from the generated spoils and does not delay the trenching or drilling activities. Fossils will be collected and placed in cardboard flats or plastic buckets and identified by field number, collector, and date collected. Notes will be taken on the map location and stratigraphy of the site, which is photographed before it is vacated and the fossils are removed to a safe place. On mass grading projects, discovered fossil sites will be protected by flagging to prevent them from being overrun by earthmovers (scrapers) before salvage begins. Fossils are collected in a similar manner, with notes and

- photographs being taken before removing the fossils. Precise location of the site is determined with the use of handheld GPS units. If the site involves remains from a large terrestrial vertebrate, such as large bone(s) or a mammoth tusk, that is/are too large to be easily removed by a single monitor, a fossil recovery crew shall excavate around the find, encase the find within a plaster and burlap jacket, and remove it after the plaster is set. For large fossils, use of the contractor's construction equipment may be solicited to help remove the jacket to a safe location.
4. Isolated fossils will be collected by hand, wrapped in paper, and placed in temporary collecting flats or five-gallon buckets. Notes will be taken on the map location and stratigraphy of the site, which is photographed before it is vacated and the fossils are removed to a safe place.
 5. Particularly small invertebrate fossils typically represent multiple specimens of a limited number of organisms, and a scientifically suitable sample can be obtained from one to several five-gallon buckets of fossiliferous sediment. If it is possible to dry screen the sediment in the field, a concentrated sample may consist of one or two buckets of material. For vertebrate fossils, the test is usually the observed presence of small pieces of bones within the sediments. If present, as many as 20 to 40 five-gallon buckets of sediment can be collected and returned to a separate facility to wet-screen the sediment.
 6. In accordance with the "Microfossil Salvage" section of the Society of Vertebrate Paleontology guidelines (2010:7), bulk sampling and screening of fine-grained sedimentary deposits (including carbonate-rich paleosols) must be performed if the deposits are identified to possess indications of producing fossil "microvertebrates" to test the feasibility of the deposit to yield fossil bones and teeth.
 7. In the laboratory, individual fossils are cleaned of extraneous matrix, any breaks are repaired, and the specimen, if needed, is stabilized by soaking in an archivally approved acrylic hardener (*e.g.*, a solution of acetone and Paraloid B-72).
 8. Recovered specimens will be prepared to a point of identification and permanent preservation (not display), including screen-washing sediments to recover small invertebrates and vertebrates. Preparation of individual vertebrate fossils is often more time-consuming than for accumulations of invertebrate fossils.
 9. Recovered specimens shall be identified and curated of specimens into a professional, accredited public museum repository with a commitment to archival conservation and permanent retrievable storage (*e.g.*, the LACM). The paleontological program should include a written repository agreement prior to the initiation of mitigation activities. Prior to curation, the lead agency (*e.g.*, the City of Fountain Valley) will be consulted on the repository/museum to receive the fossil material.
 10. A final report of findings and significance will be prepared, including lists of all fossils recovered and necessary maps and graphics to accurately record their original

location(s). The report, when submitted to, and accepted by, the appropriate lead agency, will signify satisfactory completion of the project program to mitigate impacts to any potential nonrenewable paleontological resources (*i.e.*, fossils) that might have been lost or otherwise adversely affected without such a program in place.

VII. CERTIFICATION

I hereby certify that the statements furnished above and in the attached exhibits present the data and information required for this paleontological report, and that the facts, statements, and information presented are true and correct to the best of my knowledge and belief and have been compiled in accordance with CEQA criteria.



Todd A. Wirths
Senior Paleontologist
California Professional Geologist No. 7588

VIII. REFERENCES

- Bell, Alyssa. 2021. Paleontological resources for the 16300 Euclid Street Project (21-246). Letter prepared for Brian F. Smith and Associates, Inc., Poway, California, by the Natural History Museum of Los Angeles County, Los Angeles, California.
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- Pflueger, J.M., and Kim, C.C. 2021. Due-Diligence geotechnical exploration, proposed residential development, 16300 Euclid Street, Fountain Valley, California. Unpublished consulting report for Shopoff Advisors, LP, Irvine, California, by Leighton and Associates, Inc., Irvine, California.
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APPENDIX A

Qualifications of Key Personnel

Todd A. Wirths, MS, PG No. 7588

Senior Paleontologist

Brian F. Smith and Associates, Inc.
14010 Poway Road • Suite A •
Phone: (858) 679-8218 • Fax: (858) 679-9896 • E-Mail: twirths@bfsa-ca.com



Education

Master of Science, Geological Sciences, San Diego State University, California	1995
Bachelor of Arts, Earth Sciences, University of California, Santa Cruz	1992

Professional Certifications

California Professional Geologist #7588, 2003
Riverside County Approved Paleontologist
San Diego County Qualified Paleontologist
Orange County Certified Paleontologist
OSHA HAZWOPER 40-hour trained; current 8-hour annual refresher

Professional Memberships

Board member, San Diego Geological Society
San Diego Association of Geologists; past President (2012) and Vice President (2011)
South Coast Geological Society
Southern California Paleontological Society

Experience

Mr. Wirths has more than a dozen years of professional experience as a senior-level paleontologist throughout southern California. He is also a certified California Professional Geologist. At BFSa, Mr. Wirths conducts on-site paleontological monitoring, trains and supervises junior staff, and performs all research and reporting duties for locations throughout Los Angeles, Ventura, San Bernardino, Riverside, Orange, San Diego, and Imperial Counties. Mr. Wirths was formerly a senior project manager conducting environmental investigations and remediation projects for petroleum hydrocarbon-impacted sites across southern California.

Selected Recent Reports

- 2019 *Paleontological Assessment for the 10575 Foothill Boulevard Project, City of Rancho Cucamonga, San Bernardino County, California.* Prepared for T&B Planning, Inc. Report on file at Brian F. Smith and Associates, Inc., Poway, California.
- 2019 *Paleontological Assessment for the MorningStar Marguerite Project, Mission Viejo, Orange County, California.* Prepared for T&B Planning. Report on file at Brian F. Smith and Associates, Inc., Poway, California.

- 2019 *Paleontological Monitoring Report for the Nimitz Crossing Project, City of San Diego.* Prepared for Voltaire 24, LP. Report on file at Brian F. Smith and Associates, Inc., Poway, California.
- 2019 *Paleontological Resource Impact Mitigation Program (PRIMP) for the Jack Rabbit Trail Logistics Center Project, City of Beaumont, Riverside County, California.* Prepared for JRT BP 1, LLC. Report on file at Brian F. Smith and Associates, Inc., Poway, California.
- 2020 *Paleontological Monitoring Report for the Oceanside Beachfront Resort Project, Oceanside, San California.* Prepared for S.D. Malkin Properties. Report on file at Brian F. Smith and Associates, Inc., Poway, California.
- 2020 *Paleontological Resource Impact Mitigation Program for the Nakase Project, Lake Forest, Orange County, San California.* Prepared for Glenn Lukos Associates, Inc. Report on file at Brian F. Smith and Associates, Inc., Poway, California.
- 2020 *Paleontological Resource Impact Mitigation Program for the Sunset Crossroads Project, Banning, Riverside County.* Prepared for NP Banning Industrial, LLC. Report on file at Brian F. Smith and Associates, Inc., Poway, California.
- 2020 *Paleontological Assessment for the Ortega Plaza Project, Lake Elsinore, Riverside County.* Prepared for Empire Design Group. Report on file at Brian F. Smith and Associates, Inc., Poway, California.
- 2020 *Paleontological Resource Record Search Update for the Green River Ranch III Project, Green River Ranch Specific Plan SP00-001, City of Corona, California.* Prepared for Western Realco. Report on file at Brian F. Smith and Associates, Inc., Poway, California.
- 2020 *Paleontological Assessment for the Cypress/Slover Industrial Center Project, City of Fontana, San Bernardino County, California.* Prepared for T&B Planning, Inc. Report on file at Brian F. Smith and Associates, Inc., Poway, California.
- 2020 *Paleontological Monitoring Report for the Imperial Landfill Expansion Project (Phase VI, Segment C-2), Imperial County, California.* Prepared for Republic Services, Inc. Report on file at Brian F. Smith and Associates, Inc., Poway, California.
- 2021 *Paleontological Assessment for the Manitou Court Logistics Center Project, City of Jurupa Valley, Riverside County, California.* Prepared for Link Industrial. Report on file at Brian F. Smith and Associates, Inc., Poway, California.
- 2021 *Paleontological Resource Impact Mitigation Program for the Del Oro (Tract 36852) Project, Menifee, Riverside County.* Prepared for D.R. Horton. Report on file at Brian F. Smith and Associates, Inc., Poway, California.
- 2021 *Paleontological Assessment for the Alessandro Corporate Center Project (Planning Case PR-2020-000519), City of Riverside, Riverside County, California.* Prepared for OZI Alessandro, LLC. Report on file at Brian F. Smith and Associates, Inc., Poway, California.
- 2021 *Paleontological Monitoring Report for the Boardwalk Project, La Jolla, City of San Diego.* Prepared for Project Management Advisors, Inc. Report on file at Brian F. Smith and Associates, Inc., Poway, California.

APPENDIX B

Paleontological Records Search

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

September 22, 2021

Brian F. Smith and Associates, Inc.

Attn: Todd Wirths

re: Paleontological resources for the 16300 Euclid Street Project (21-246)

Dear Todd:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for proposed development at the 16300 Euclid Street project area as outlined on the portion of the Newport Beach USGS topographic quadrangle map that you sent to me via e-mail on September 17, 2021. 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.

Locality Number	Location	Formation	Taxa	Depth
LACM IP 4695	Bristol St. and Paularino Ave.	Palos Verdes Sand Unknown formation	Invertebrates - clam (<i>Saxidomus</i>), bryozoan (Bryozoa indet., <i>Conopeum</i>)	unknown
LACM IP 21488	S of the Santa Ana River near Adams Ave	(Pleistocene; med to coarse limonitic stained sand)	Invertebrates (unspecified) School shark (<i>Galeorhinus</i>), eagle ray (<i>Myliobatus</i>), skate (<i>Raja</i>), flatfish (<i>Citharichthys</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 (Cottidae)	Unknown
LACM VP 7657-7659	Ellis Avenue & Patterson Lane, Huntington Beach	Unknown Formation (Pleistocene; gray siltstone)	Legless lizard (<i>Anniella</i>), tree frog (<i>Hyla</i>), gopher snake (<i>Pituophis</i>), garter snake (<i>Thamnophis</i>), kingsnake (<i>Lampropeltis</i>), ring-necked snake (<i>Diadophis</i>), garter snake (<i>Thamnophis</i>), long-nosed snake (<i>Rhinocheilus</i>), coachwhip (<i>Masticophis</i>), salamander (<i>Enatina</i>),	150 - 350 ft bgs
LACM VP 7366, 7422- 7425, 7679...	The Huntington Beach Urban Center Sand Borrow Area, N of Pacific Coast Hwy and W of Huntington Dr	Unknown formation, (Pleistocene, sands)		Unknown

			slender salamander (<i>Batrachoseps</i>), skinks (<i>Plestiodon</i>), alligator lizard (<i>Gerrhonotus</i>), toad (<i>Bufo</i>), side-blotched lizard (<i>Uta</i>), spiny lizard (<i>Sceloporus</i>), climbing salamander (<i>Aneides</i>), turtle (<i>Clemmys</i>); quail (<i>Callipepla</i>), rail (<i>Rallus</i>); vole (<i>Microtus</i>), pocket gopher (<i>Thomomys</i>), shrew (<i>Sorex</i>), kangaroo rat (<i>Dipodomys</i>), cottontail rabbit (<i>Sylvilagus</i>), mole (<i>Scapanus</i>), harvest mouse (<i>Reithrodontomys</i>), deer mouse (<i>Peromyscus</i>), pack rat (<i>Neotoma</i>), chipmunk (<i>Eutamias</i>), bat (Chiroptera), Mammoth (<i>Mammuthus</i>), horse (<i>Equus</i>), bison (<i>Bison</i>); stickleback (<i>Gasterosteus</i>), houndshark (Triakis); Land snails (Gastropoda)	
LACM VP 6370-6371, LACM IP 17005	Hoag Hospital, near the intersection of Superior Avenue & Pacific Coast Highway; Newport Beach	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 gastropods (<i>Glossaulax</i> , <i>Chlorostoma</i>)	Unknown (found during grading for parking lot construction)

VP, Vertebrate Paleontology; IP, Invertebrate Paleontology; bgs, below ground surface

This records search covers only the records of the Natural History Museum of Los Angeles County (“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