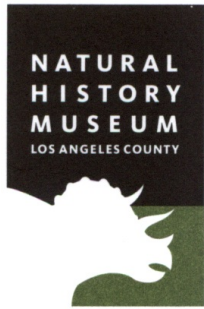


Appendix 8

Paleontological Records Search

Natural History Museum
of Los Angeles County
900 Exposition Boulevard
Los Angeles, CA 90007

tel 213.763.DINO
www.nhm.org



Vertebrate Paleontology Section
Telephone: (213) 763-3325

e-mail: smcleod@nhm.org

7 November 2019

Eyestone Environmental
2121 Rosecrans Avenue, Suite 3355
El Segundo, CA 90245

Attn: Stephanie Eyestone-Jones, President

re: Paleontological resources for the proposed Mirman School Project, in the City of Los Angeles, Los Angeles County, project area

Dear Stephanie:

I have conducted a thorough check of our paleontology collection records for the locality and specimen data for the proposed Mirman School Project, in the City of Los Angeles, Los Angeles County, project area as outlined on the portion of the Beverly Hills USGS topographic quadrangle map that Robert Hilman sent to me via e-mail on 1 August 2019. We do not have any vertebrate fossil localities that lie directly within the proposed project area site boundaries, but we do have vertebrate fossil localities nearby from the same sedimentary deposits that occur in the proposed project area.

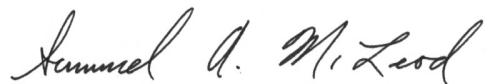
The entire proposed project area has exposures of the marine late Miocene Monterey Formation (also may referred to as the Lower Modelo Formation in this area). We have a cluster of Monterey Formation localities nearby centered around the proposed project area: LACM (CIT) 317, 320, 321, 334 [= LACM 1035], LACM 1029 and 1038. These localities produced an extensive composite fauna of marine fish, provided in an appendix along with a list of the literature documenting these occurrences. The closest of these localities is LACM (CIT) 321, immediately west of the proposed project area west of what is now Corda Drive. The most significant of these fossil localities, with the most diverse published fossil fauna, is LACM (CIT) 317, just southeast of the proposed project area at Sepulveda Boulevard. Lore Rose David published on many fish specimens from this and several other nearby Monterey Formation

localities in her 1943 publication (Miocene Fishes of Southern California). Notably, David (1943) named the fossil fish *Chalcidichthys malacopterygius*, *Eclipes santamonicae*, *Laytonia californica*, *Pseudoseriola gillilandi* and *Argyropelecus bullockii* based on holotypes (name bearing specimens) from locality LACM (CIT) 317. David (1943) furthermore named the fossil fish *Sarda stocki* based on a specimen from locality LACM 1035 [= LACM (CIT) 334] just south of west of the proposed project area near the Fire Station west of Westland School.

Any excavations in the Monterey Formation exposed throughout the proposed project area may very well encounter significant vertebrate fossils. Any substantial excavations in the proposed project area, therefore, should be monitored closely to quickly and professionally recover any fossil remains discovered while not impeding development. Also, sediment samples should be collected and processed to determine the small fossil potential in the proposed project area. Any fossils recovered during mitigation should be deposited in an accredited and permanent scientific institution for the benefit of current and future generations.

This records search covers only the vertebrate paleontology records of the Natural History Museum of Los Angeles County. It is not intended to be a thorough paleontological survey of the proposed project area covering other institutional records, a literature survey, or any potential on-site survey.

Sincerely,

A handwritten signature in cursive script that reads "Samuel A. McLeod". The signature is written in black ink and is positioned above the typed name.

Samuel A. McLeod, Ph.D.
Vertebrate Paleontology

enclosures: appendices; invoice

Publications on specimens in the LACM collections
from Monterey Formation localities
LACM (CIT) 317, 320, 321, 334 [= LACM 1035], LACM 1029 and 1038

- Crane, Jules M. 1966. Late Tertiary Radiation of Viperfishes (Chauliodontidae) based on a Comparison of Recent and Miocene species. Natural History Museum of Los Angeles County, Contributions in Science, 115:1-29.
- David, Lore Rose 1943. Miocene Fishes of Southern California. Geological Society of America Special Paper, 43:1-193.
- Fitch, John E. and Lloyd W. Barker. 1972. The Fish Family Moridae in the Eastern North Pacific with Notes on Morid Otoliths, Caudal Skeletons, and the Fossil Record. Fishery Bulletin, 70(3):565-584.
- Fritzsche, Ronald A. 1980. Revision of the Eastern Pacific Syngnathidae (Pisces: Syngnathiformes), including both Recent and Fossil Forms. Proceedings of the California Academy of Sciences, 42(6):181-227.
- Howard, Hildegard. 1962. A New Miocene Locality Record for *Puffinus diatomicus* and *Sula willetti*. Condor, 64(6):512-513.
- Howard, Hildegard and John A. White. 1962. A Second Record of *Osteodontornis*, Miocene 'Toothed' Bird. Natural History Museum of Los Angeles County, Contributions in Science, 52:1-12.