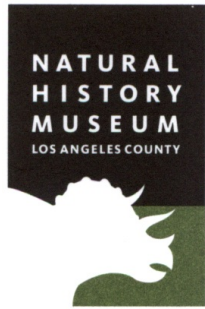


**Appendix I:**  
**Paleontological Resources Supporting Information**

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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](mailto:smcleod@nhm.org)

4 April 2018

FirstCarbon Solutions  
250 Commerce, Suite 250  
Irvine, CA 92602

Attn: David M. Smith, Project Manager, Archaeologist

re: Paleontological resources for the proposed Trails at Corona Project, in Corona, Riverside County,  
project area

Dear David:

I have conducted a thorough search of our paleontology collection records for the locality and specimen data for the proposed Trails at Corona Project, in Corona, Riverside County, project area as outlined on the portions of the Corona North and Corona South USGS topographic quadrangle maps that you sent to me via e-mail on 21 March 2018. We do not have any vertebrate fossil localities that lie within the proposed project area boundaries, but we do have localities somewhat nearby from sedimentary deposits similar to those that occur in the proposed project area, either at the surface or at depth.

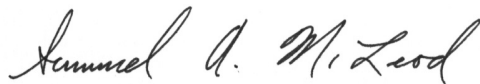
In the slightly less elevated terrain in most of the proposed project area the surface deposits are composed of younger Quaternary Alluvium, derived as alluvial fan deposits from the surrounding more elevated terrain. In the slightly more elevated terrain in the remainder of the proposed project area, particularly in the south and southwest, the surface deposits are composed of older Quaternary Alluvium, derived as alluvial fan deposits from the hills to the south. The younger Quaternary deposits usually do not contain significant vertebrate fossils in the uppermost layers, but may contain significant vertebrate fossils in older Quaternary deposits at relatively shallow depth. Our closest vertebrate fossil locality from these deposits is LACM 1207, east-northeast of the proposed project area north of the Riverside Freeway (Highway 91) on the west side of Cota Street in the Temescal Wash area, that produced a fossil specimen of deer, *Odocoileus*, at unknown depth. Our next closest

fossil vertebrate locality from older Quaternary deposits is LACM 7811, north-northeast of the proposed project area west of Mira Loma along Sumner Avenue north of Cloverdale Road, that produced a fossil specimen of whipsnake, *Masticophis*, at a depth of 9 to 11 feet below the surface. Northwest of the proposed project area, in the hills just south of Los Serranos, our older Quaternary localities LACM 7268 and 7271 both produced fossil specimens of horse, *Equus*. Further west and south of localities LACM LACM 7268 and 7271, up Soquel Canyon east of Sleepy Hollow, we have another locality in older Quaternary deposits, LACM 7508, that produced fossil specimens of ground sloth, *Nothrotheriops*, and horse, *Equus giganteus*.

Shallow excavations in the younger Quaternary Alluvium exposed in the slightly less elevated terrain in most of the proposed project area are unlikely to uncover significant fossil vertebrate remains. Deeper excavations there that extend down into older Quaternary deposits, and any excavations in the older Quaternary deposits exposed in slightly more elevated terrain of the proposed project area, however, may well encounter significant vertebrate fossils. Any substantial excavations in the proposed project area, therefore, should be closely monitored to quickly and professionally recover any potential vertebrate fossils without 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".

Samuel A. McLeod, Ph.D.  
Vertebrate Paleontology

enclosure: invoice