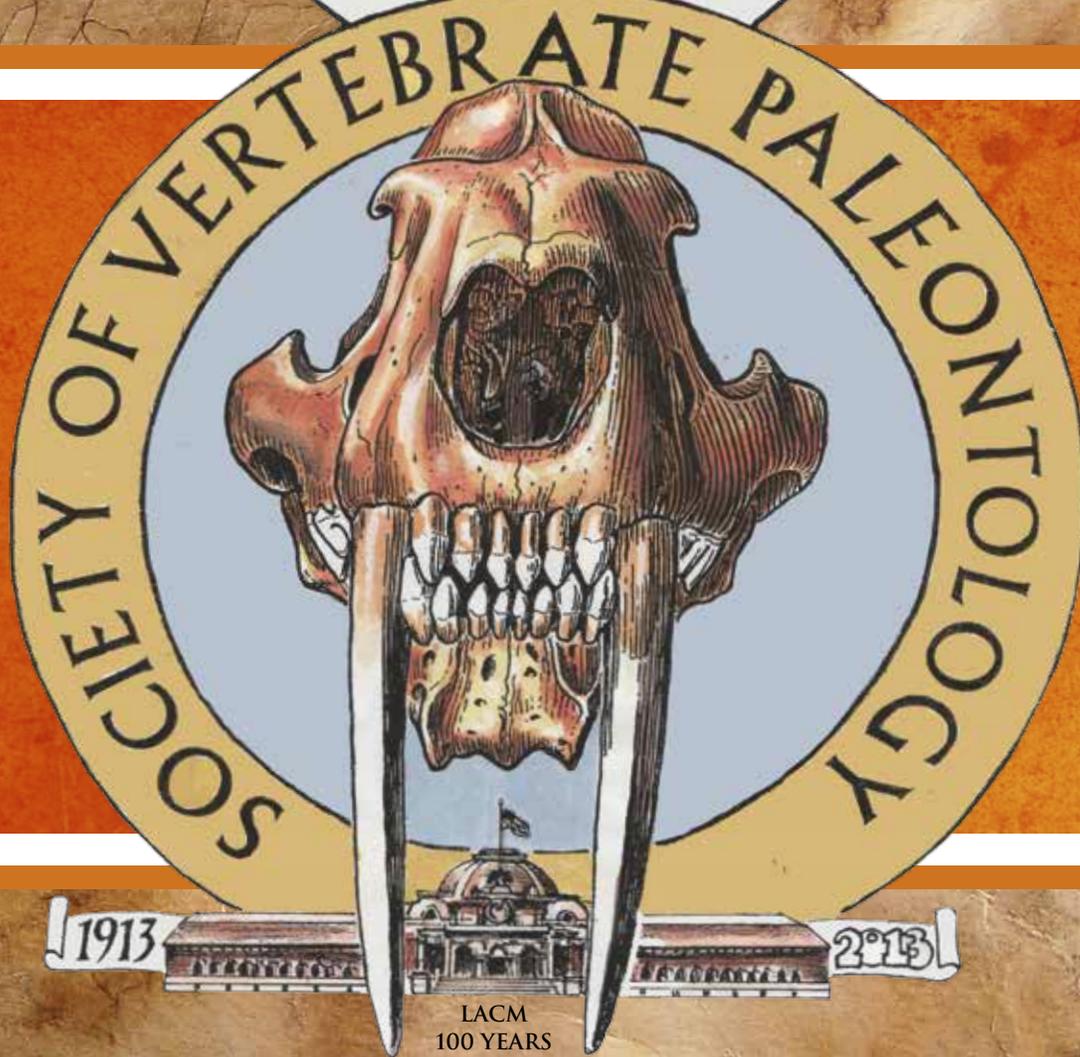


SVP 73RD ANNUAL MEETING

73rd MEETING
Los Angeles, CA

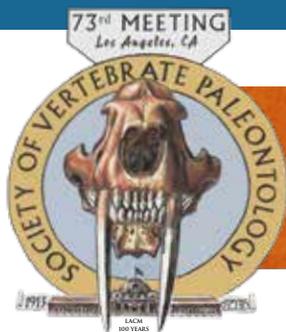


OCTOBER 30 – NOVEMBER 2, 2013
WESTIN BONAVENTURE HOTEL & SUITES
LOS ANGELES, CA, USA



CIRCULAR

Call for Abstracts • Sessions • Awards, Grants,
Prizes & Scholarships • Special Events • Exhibits
Workshops • Field Trips • Meeting Location
Travel & Lodging • Collections • Preliminary Schedule

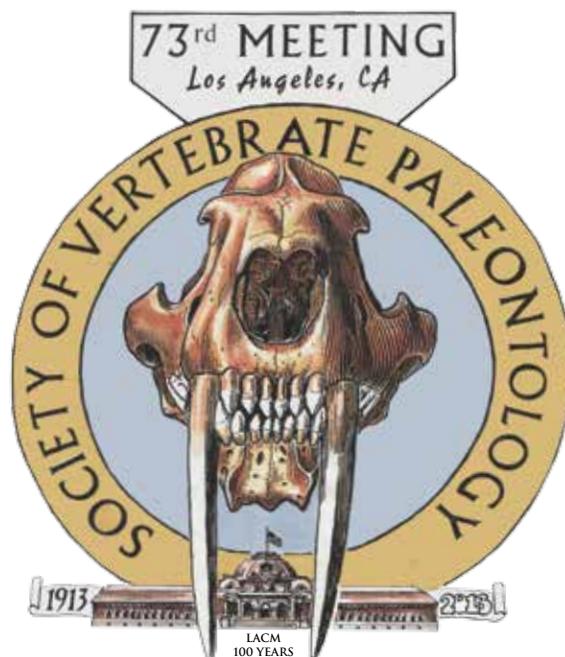


SVP

This information is current as of March, 2013

SVP 2013 LOGO

The logo for the 73rd annual meeting of the Society of Vertebrate Paleontology in 2013 was designed by paleo-artist Mark Hallett. The centerpiece is a *Smilodon fatalis* skull, anterior view. This iconic late Pleistocene mammal is the California state fossil and is best known from the asphaltic seep deposits of Rancho La Brea. The remains of more than 2,000 individuals of this species are conserved in the collections of the Page Museum at the La Brea Tar Pits, which is part of the Los Angeles County Natural History Museum family of museums. Beneath the *Smilodon* skull is the eastern façade of the Los Angeles County Museum as it appeared in 1913, the year that it opened. The north wing of this historic building now houses the award-winning Age of Mammals Hall and the south wing forms part of the dynamic new Dinosaur Hall. Both will be featured in the Welcome Reception on October 30, 2013.



SOCIETY OF VERTEBRATE PALEONTOLOGY

Founded in 1940 by 34 paleontologists, the Society now has more than 2,400 members representing professionals, students, artists, preparators and others interested in vertebrate paleontology. It is organized exclusively for educational and scientific purposes, with the object of advancing the science of vertebrate paleontology.





WELCOME

This information is current as of March, 2013

WELCOME TO LOS ANGELES

October 30 – November 2, 2013

The Host Committee of the 73rd Annual Meeting is delighted to welcome all participants to the Society of Vertebrate Paleontology's 2013 meeting in Los Angeles, California. The meeting will take place at the Westin Bonaventure Hotel, close to the heart of downtown Los Angeles that in recent years has experienced a dramatic resurgence with exciting new dining and cultural opportunities. Your host committee members represent institutions from the Greater Los Angeles region and their research interests encompass many facets of the discipline of vertebrate paleontology.

This is the third time that the meeting will be hosted by the Natural History Museum of Los Angeles County and we are particularly thrilled that the Society will return to Los Angeles in the year that the museum celebrates both its centenary and a hundred years of excavations at the La Brea Tar Pits – a National Natural Landmark and one of the world's richest Ice Age fossil sites. Vertebrate paleontology has been at the core of our institution since its origin and continues to play a leading role in our research and educational mission. In this respect we are especially excited to showcase at our Welcome Reception the extensive renovation that has taken place during the past few years. This includes the opening of the award-winning Age of Mammals and Dinosaur Halls and nearly 300,000 square feet of renovated public space within and surrounding the museum. We hope you will also find time to visit our sister institutions – the Page Museum at the La Brea Tar Pits and the William S. Hart Museum.

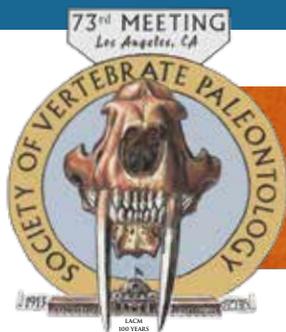
Southern California offers a variety of paleontological opportunities. The scheduled field trips sample the diversity of marine and terrestrial vertebrate sites within easy reach of Los Angeles and provide brief opportunities to visit the newly founded Cooper Archaeological and Paleontological Center as well as the Page Museum and the La Brea Tar Pits. Most of the local collection centers will be closed during the meeting but will be accessible before and after by prior appointment.

Los Angeles is a premier travel destination and provides a great diversity of cultural opportunities. The spectrum ranges from the Getty Center and the Los Angeles County Museum of Art to the Grammy Museum and the Museum of Jurassic Technology. Los Angeles is home to the Huntington Library and Gardens, the Greater Los Angeles Zoo and Botanic Gardens, the LA County Arboretum, and the Aquarium of the Pacific. Adjacent to the Natural History Museum is the California Science Center – new home of the space shuttle Endeavor. Universal Studios, Disneyland, Knotts Berry Farm and Six Flags Magic Mountain are all within easy reach. And don't forget miles of exquisite beach!

It's going to be an exciting few days in Los Angeles as the 73rd meeting advances the frontiers of vertebrate paleontology and offers a forum for scientific discussion among researchers from around the world. We know you will enjoy the meeting, its workshops and field trips, and the diversity of social and cultural experiences in the newly vibrant downtown setting. Welcome to the City of Angels!

73rd Annual Meeting Host Committee





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This information is current as of March, 2013

EXPLORE THE OUTSTANDING SESSIONS AND EVENTS AT THIS YEAR'S MEETING

From pre- and post-meeting field trips to unique presentations and more, don't miss an opportunity to learn about the most significant finds in vertebrate paleontology.

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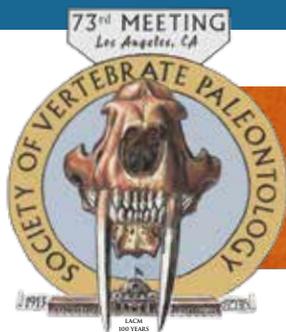
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73RD ANNUAL MEETING HOST COMMITTEE

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After-hours party
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John M. Harris – *Co-Chair*

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Cara Burres-Jones

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Don Prothero

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Eric Scott

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Stuart Sumida

Educators' workshop
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ssumida@csusb.edu

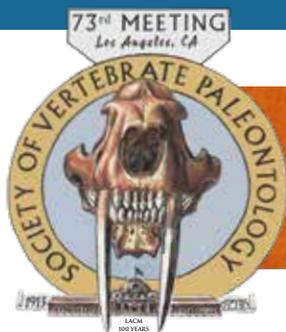
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Xiaoming Wang

Field trips, collections
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COLLECTIONS

This information is current as of March, 2013

There will be limited access to collections at the following institutions before and after the SVP meeting. Please call in advance to secure an appointment.

Vertebrate Paleontology Collection, Natural History Museum of Los Angeles County

Contact: Samuel McLeod
smcleod@nhm.org
phone: 213-763-3325

Dinosaur Institute, Natural History Museum of Los Angeles County

Contact: Maureen Walsh
mwalsh@nhm.org
phone: 213-763-3318

Page Museum, La Brea Tar Pits

Contact: Aisling Farrell
afarrell@tarpits.org
phone: 323-857-6300 x127

San Diego Natural History Museum

Contact: Kesler Randall
krandall@sdnhm.org
phone: 619-517-2245

San Bernardino County Museum

Contact: Eric Scott
escott@sbcm.sbcounty.gov
phone: 909-307-2669 x241

John D. Cooper Archaeological and Paleontological Center, Fullerton

Contacts: Meredith A. Rivin
mrivin@fullerton.edu
phone: 714-647-2103
Jim Parham
jparham@fullerton.edu
phone: 657-278-2043

Raymond M. Alf Museum of Paleontology, Claremont

Contact: Andrew A. Farke
afarke@webb.org
phone: 909-482-5244





ABSTRACTS AND SESSION INFORMATION

This information is current as of March, 2013

ABSTRACT SUBMISSION GUIDELINES

Abstracts in the following categories must be submitted through the online submission site

- Alfred Sherwood Romer Prize Session
- Education and Outreach Poster Session
- Edwin H. and Margaret M. Colbert Prize Session
- Preparators' Session
- Regular Session
- Symposium Session (invited submissions only)

Please note: You cannot apply for both the Romer Prize and Colbert Prize sessions. Students that apply to both sessions will be disqualified. Any abstract that is not selected for one of these awards will be moved to regular submission status.

Abstracts for SEDN – Program for Scientists from Economically Developing Nations cannot not be submitted online. Please visit the Awards page at <http://vertpaleo.org/Awards/Award-%285%29.aspx> for submission details.

For further information regarding SVP Awards, please visit <http://vertpaleo.org/Awards.aspx>.

Submission deadline

- Submission deadline for the Alfred Sherwood Romer Prize and the Edwin H. and Margaret M. Colbert Prize is **Tuesday, April 2, 2013 at 9:00 AM US EST.**
- Submission deadline for all other abstracts is **Monday, April 22, 2013, 9:00 AM US EST.**

Online submission

- The abstract submission site will open February 12, 2013.
- Abstracts must be submitted online at <http://submissions.miracd.com/SVP2013/login.asp>. Abstracts submitted by fax or email will not be accepted.
- You do not have to complete the submission in one session. You may log back into the site using your email address and password to complete or modify your submission before the deadline.
- Be sure to check all your entries thoroughly before selecting the “Submit” button.
- The abstract submission site supports the following web browsers:
MS Internet Explorer version 6.0 or above and Firefox version 3.0 or above.
You may download a free copy of MS Internet Explorer at <http://www.microsoft.com/windows/ie/downloads/> or a free copy of Firefox at <http://www.mozilla.com>. Since some computer/browser combinations do not support the display of the full variety of special characters often needed for abstract submission, including Greek letters, you may find it necessary to use a different browser or computer.
- **SPAM NOTICE: Please add SVP2013@mirasmart.com and meetings@vertpaleo.org to your list of email addresses that are sender friendly in order to receive your abstract submission confirmation and future notifications regarding the status of your abstract.**





ABSTRACTS AND SESSION INFORMATION

This information is current as of March, 2013

Adherence to guidelines

All authors are required to abide by the Abstract Submission Guidelines set forth by the SVP Program Committee. Not following these guidelines could disqualify your abstract submission from consideration.

Author submission policy

- The first author of the abstract must be the presenting author. **Once the first author and session type is entered, it cannot be changed.** To change the first author and/or session type, the abstract will have to be withdrawn and a new abstract must be submitted.
- At least ONE (1) author of the abstract must be an SVP member.
- Only ONE (1) first-authored abstract can be submitted for presentation at the annual meeting; this does not preclude the inclusion of an individual's name on other, jointly-authored abstracts.
- More than ONE (1) first-authored abstract can be submitted for consideration in the Education and Outreach Poster Session only. However, if you submit a first-authored abstract for the Education and Outreach Poster Session, you may not submit another first-authored abstract for consideration in another session.

Session type

You have the option to select one of the session types listed below. **Please note that once the session type is entered, it cannot be changed.** To change the session type, the abstract will have to be withdrawn and a new abstract must be submitted. A description of each of the sessions is provided on the next page.

- Alfred Sherwood Romer Prize Session
- Education and Outreach Poster Session
- Edwin H. and Margaret M. Colbert Prize Session
- Preparators' Session
- Regular Session
- Symposium Session (invited submissions only)

Topic category

In addition to selecting a general taxonomic group, there are three more categories to describe your abstract: a more specific taxonomic category, a topic category, and a temporal category. Some of the options are hierarchical, so please choose the most specific descriptors for your abstract. These options are primarily for use in the scheduling of presentations, so please consider this while making your choices.

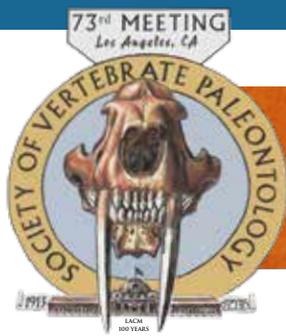
Abstract size

- A maximum of 500 characters is permitted for the abstract title.
- A maximum of 2200 characters is permitted for the abstract body.
- Blank spaces between words and formatting tags (such as bold or italic) will not count as characters.

Trade names in preparation and conservation abstracts

Use of trade names necessary to accurately identify products, materials, or equipment is permitted. Trade names shall not be used for the purpose of advertising products or services. Abstracts judged to be commercial promotions will be rejected.





ABSTRACTS AND SESSION INFORMATION

This information is current as of March, 2013

Automatic rejection of an abstract

If an abstract contains a citation, reference, figure, caption, or ad hominem statement *it will automatically be rejected*. [Click here](#) for a sample abstract with many characteristics that would result in automatic rejection. Please review this carefully to avoid any of these mistakes.

Following submission of abstract

- Upon successful submission of your abstract you will receive an e-mail confirmation that includes the submission ID number, log in name, password, and abstract details. If you do not receive an e-mail confirmation, please log back into the site to complete your submission or contact SVP2013@mirasmart.com for technical support.
- Please include your abstract submission ID number in all correspondence regarding your abstract.
- Notification of abstract programming will be sent to first authors (presenting authors) in late June.
- If you have any questions, please contact meetings@vertpaleo.org



Natural History Museum of Los Angeles County - Los Angeles, CA, USA





ABSTRACTS AND SESSION INFORMATION

This information is current as of March, 2013

SESSION INFORMATION

The cornerstone of the SVP meeting, oral and poster presentations, are being accepted in the following categories:

The Alfred Sherwood Romer Session (and Prize)

The prize awarded as a result of this session recognizes an outstanding scientific contribution in vertebrate paleontology by a predoctoral student. Selection of participation in the Romer Prize Session at the SVP Annual Meeting is based on the scientific value and quality of an abstract summarizing an original research project, and the Romer Prize is awarded on the basis of the scientific value and quality the oral presentation of that research during the Romer Prize Session at the SVP Annual Meeting.

Education & Outreach Committee Poster Session (E&O Poster Session)

Here is an opportunity for SVP members to learn from each other's educational outreach successes during a poster session held in conjunction with the Educators' Workshop. E&O posters will be displayed throughout the Annual SVP Meeting in the registration area.

Participants will primarily consist of current SVP members engaged in both educational outreach and scientific scholarship. However, we also welcome and anticipate the participation of both current and new members who are primarily involved in educational endeavors including museum educators, teachers and exhibit developers.

Topics discussed will span exhibit development, informal and formal broader impact activities and novel techniques used to bring "hot off the press" science to the public. With similar goals of communicating the broader impacts of our research to the broader public, this poster session will facilitate the development of innovative educational outreach ideas and help prevent us from perpetually reinventing the wheel when it comes to educational outreach activities.

Education & Outreach Committee Poster Session Co-Chairs:

Jason Head

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jhead@unl.edu

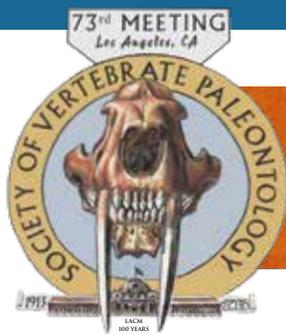
Stuart Sumida

California State University San Bernardino
ssumida@csusb.edu

Edwin H. and Margaret M. Colbert Prize Poster Session

The Edwin H. and Margaret M. Colbert Prize recognizes an outstanding poster presentation by an SVP student member. The award was named in honor of the Colberts' contributions to vertebrate paleontology. The Colbert Prize posters are on display for the entire meeting, offering a great opportunity for new work to be seen.





ABSTRACTS AND SESSION INFORMATION

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Preparators' Session

A forum for presentations on current issues in paleontological preparation, ranging from field and lab techniques to specimen curation and exhibition design.

Regular Sessions

Abstracts are accepted for oral and poster presentations in the following categories:

- Vertebrates
- Fishes
- Tetrapods
- Amphibians
- Amniotes
- Reptiles
- Birds
- Synapsids
- Mammals
- N/A (includes Preparators' and Education & Outreach Poster Sessions)

Symposia (invited participants only)

Symposia will be presented in the following topics:

- La Brea and Beyond: The Paleontology of Asphalt-Preserved Biotas
- Ontogeny Changes Everything: Paleobiological Implications of Dinosaur Growth
- Patterns from the Poles: Biodiversity and Paleoecology of High Latitude Fossil Vertebrates
- The Tempo of Vertebrate Evolution: Geochronologic Advances in Dating the Fossil Record

La Brea and Beyond: The Paleontology of Asphalt-Preserved Biotas

Co-Convenors: John M. Harris, Emily L. Lindsey, and H. Gregory McDonald

Asphalt seeps, or "tar pits," are important repositories of paleontological information because of their extremely high preservation potential. The unparalleled accumulations of bone, plant material and insect remains preserved in asphaltic deposits allow a wide range of investigations into the biology, behavior and ecology of ancient species and ecosystems. Furthermore, specimens preserved in hydrocarbon-saturated sediments remain largely unaltered, which permits the preservation and analysis of ancient biomolecules. Finally, asphalt seeps can preserve biological material in geographic areas with otherwise poor preservation, such as the Neotropics, thus providing important insight into the paleofauna and paleoecology of these little-known areas.

Asphalt seeps also present particular challenges to paleontologists. Stratigraphic investigations are complicated, there can be significant time-averaging among tar-pit assemblages, and isotopic analyses, including radiocarbon dating, are hindered by contamination from hydrocarbons.

This symposium will bring together an international group of scientists working on different aspects of asphalt seep paleontology to discuss the paleobiological, geological and biogeographic implications of these valuable





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paleontological resources, which are currently threatened by increasing global energy demands. Presentations in this symposium will incorporate new studies from well-known Quaternary “tar pit” assemblages as well as research from geologically older and relatively unstudied asphaltic localities around the world. There could be no more appropriate meeting at which to hold this Symposium than SVP 2013, which marks the 100th Anniversary of the Natural History Museum of Los Angeles and of their first excavations at the most famous asphaltic paleontological site in the world, Rancho La Brea.

Ontogeny Changes Everything: Paleobiological Implications of Dinosaur Growth

Co-Convenors: John B. Scannella, Denver W. Fowler, Mark B. Goodwin, John R. Horner

Recent advances in our understanding of ontogenetic (developmental) change in dinosaurs have radically altered perceptions of the taxonomy, morphology, and behavior of these animals. The critical role of ontogeny in interpretations of dinosaur paleobiology only began to be recognized in the second half of the 20th century. Until recently, the nature and degree of developmental change was obscured and underappreciated for most taxa, due largely to limited sample sizes resulting in a lack of focus on these trends. In recent years, new and expanding data sets and advanced investigative techniques have enabled more comprehensive examinations of dinosaur growth. Detailed analyses of osteohistology and comparisons with extant taxa are expanding new avenues of investigation to explore the paleobiology of this group.

Far from simply informing upon the taxonomic status of individual specimens, the deciphering of ontogenetic trends significantly alters paleobiological interpretations of major topics in dinosaur macroevolution. Hypotheses regarding diversity dynamics are undergoing refinement by incorporating ontogenetic data into analyses. In light of new ontogenetic insights, it is apparent that major systematic revisions are likely necessary for all clades. Attempts to analyze dinosaur heterochrony (commonly defined as evolutionary change in developmental timing) and its role in evolution are fundamentally dependent upon understanding ontogenetic trends. Histological and computer tomographic investigations are increasing the resolution of patterns of dinosaur life history and skeletochronology. Documentation and studies into ontogenetic change continue to broaden our hypotheses surrounding dinosaur evolution, diversity, and extinction.

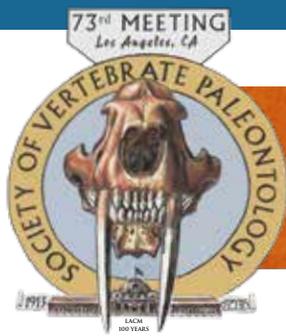
This symposium aims to explore the broad range of topics in dinosaur paleobiology for which ontogeny is a critical factor (including behavior, biomechanics, ecology, evolution, and extinction), and to highlight important new discoveries and their implications. The presentation of varied independent sources of data will allow for comparisons of ontogenetic trends in multiple clades. The symposium will appeal to researchers with an interest in developmental biology, histology, dinosaur life histories, community dynamics, systematics, and macroevolution.

Patterns from the Poles: Biodiversity and Paleoecology of High Latitude Fossil Vertebrates

Convenors: Matthew Vavrek and Nathan Smith

The past decade has seen a surge in both interest and research in the evolution of vertebrates at high latitudes, both within the Arctic and Antarctic. New discoveries are being made across a variety of time periods and taxonomic groups, from Jurassic dinosaurs to Neogene mammals. These novel discoveries provide an important window into the biological evolution of vertebrates in response to both extreme climates and climate





ABSTRACTS AND SESSION INFORMATION

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change. Over the past 250 million years, polar regions have experienced fluctuations in temperatures greater than any other region on earth, alternating between periods of extreme warmth, with year-round ice free poles, to recent glaciations creating some of the coldest environments to have ever existed. Climate, in combination with the high seasonality of photoperiod, has created a number of unique environments, many of which have no modern analogue. Elucidating these patterns of diversity, ecology, and climate at high latitudes is critical to establishing a truly global context of vertebrate evolution and diversification through time.

This symposium is intended to highlight the growing body of research that is being done in Antarctica and the Arctic, with presentations from both established researchers as well as some of the new generation of polar paleontologists. Contributors to this symposium span a range of diverse research backgrounds, addressing vertebrate diversity, evolution, paleobiology, and paleoecology in both the Arctic and Antarctic; and spanning a time frame from the Triassic to modern. Topics discussed include: anatomy and relationships of polar taxa; latitudinal diversity gradients; high-latitude dispersal and biogeographic patterns; body-size, growth and metabolism at high latitudes; and high-latitude paleoenvironments and paleoclimatic reconstructions. This symposium is also designed to promote the integration of paleontological data and methods traditionally focused on deep-time perspectives on the evolution of polar faunas with research addressing modern changes in polar biotas and environments.

The Tempo of Vertebrate Evolution: Geochronologic Advances in Dating the Fossil Record

Convenors: Randall Irmis and Eric Roberts

One of the main contributions the field of paleontology makes to evolutionary studies is documentation of the tempo of evolution; as paleontologists, the geologic records of the history of life on Earth that we study provide one of the only ways to constrain this fundamental aspect of biological evolution. To document anything more than relative age (e.g., superposition) requires geochronology to place absolute age constraints on the fossil record. Thus, geochronology is essential to interpreting the fossil record.

Geochronology is a field that has advanced extremely rapidly over the past 20 years, to the point where we can now achieve precision at the ± 10 ka level for geologic records going back several hundred million years. Major methodological and analytical improvements have affected a variety of geochronological techniques, including but not limited to U-Pb and $^{40}\text{Ar}/^{39}\text{Ar}$ radioisotopic dating, magnetostratigraphy, and cyclostratigraphy, with application to samples previously considered undatable (detrital grains, redeposited volcanics, carbonates, exotic minerals, etc). These new advances in methodology, application, and dating unconventional deposits have major potential for the broader paleontological community through the integration of these new geochronological techniques with the vertebrate paleontological record.

Our symposium brings together a leading international group of geochronologists and vertebrate paleontologists from the U.S., Canada, Africa, and Australia to present new methodological approaches and applications to the study of the tempo of vertebrate evolution. We anticipate this symposium will appeal to nearly all attendees of the meeting; i.e., anyone who is interested in placing their study organisms in a chronologic framework. As such, this symposium cuts across discipline, clade, and geologic time period. Our speakers address a wide range of case studies across geologic time using a variety of geochronologic methods.





ABSTRACTS AND SESSION INFORMATION

This information is current as of March, 2013

SVP Program Committee

If you have questions regarding the program, your presentation or abstract, check the SVP website or contact the SVP Program Co-Chairs or the SVP meeting staff at meetings@vertpaleo.org.

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ABSTRACTS AND SESSION INFORMATION

This information is current as of March, 2013

Electronic Recording is Prohibited

Photographs or any electronic recording during the proceedings are prohibited (including during platform presentations and poster sessions). Only designated SVP representatives may take photographs or recordings for purposes of documenting the meeting and/or to be used in informational articles or future promotions for this organization's activities. Observers are reminded that the technical content of the SVP sessions is not to be reported on in any medium (print, electronic, or internet) without the prior permission of the authors.

AWARDS, GRANTS, PRIZES AND SCHOLARSHIPS

This information is current as of March, 2013

2013 Society of Vertebrate Paleontology Awards, Grants, Prizes and Scholarships

For more information on the 16 different types of awards, grants, prizes and scholarships offered by SVP, visit <http://vertpaleo.org/Awards.aspx>.

The deadline for award applications is Monday, April 22, 2013.

Awards:

Colbert Prize
Dawson Grant
Estes Memorial
Patterson Memorial
Hix Preparators Grant
SEDN (Scientists from Economically Developing Nations)
Romer Prize

Romer-Simpson Medal
Skinner Award
Wood Award
Taylor & Francis Award
Gregory Award
Honorary Membership Award
Institutional Membership
Jackson Student Travel Grant
Lanzendorf PaleoArt Prize





EXHIBITS AND SPECIAL TABLES

This information is current as of March, 2013

EXHIBITS AND SPECIAL TABLES

Wednesday, October 30, 2013 through Saturday, November 2, 2013
Location: Westin Bonaventure Hotel & Suites

The SVP 73rd Annual Meeting is an excellent forum to showcase your products and services to VP professionals from all over the world. Exhibiting, sponsoring or advertising at the SVP Annual Meeting brings your company international visibility and recognition. The SVP Exhibit area will be near the session rooms bringing you lots of visibility and traffic. Reserve your space now to ensure the best booth or advertisement placement and the highest return on your marketing dollar with the many sponsorship opportunities SVP is offering. Sales of fossils are not permitted.

The Exhibitor Prospectus will be available on the Annual Meeting website, <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home.aspx>, in May.

For further information regarding Exhibits/Sponsorship and advertising opportunities, please contact Janet Kearney at jkearney@faseb.org or Joni Friedman at friedman@faseb.org.

Preparators' Table

Location: Westin Bonaventure Hotel & Suites

The preparators' table will be a place for anyone interested in fossil preparation and collections management to meet and share current projects and ideas. The area will be staffed by a variety of preparators and collections professionals, so stop by and discuss what new pre/collections project you're working on. Please contact Vanessa Rhue or Kenneth Bader if you would like some space.

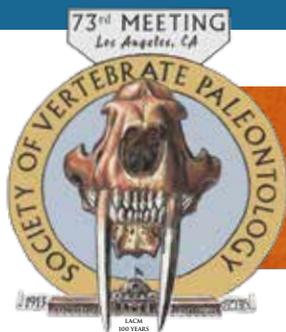
Vanessa Rhue

Curatorial Assistant
Natural History Museum of Los Angeles County
Los Angeles, California, USA
vrhue@nhm.org

Kenneth Bader

University of Texas, Austin
Austin, Texas, USA
kucycads@gmail.com





FIELD TRIPS AND WORKSHOPS

This information is current as of March, 2013

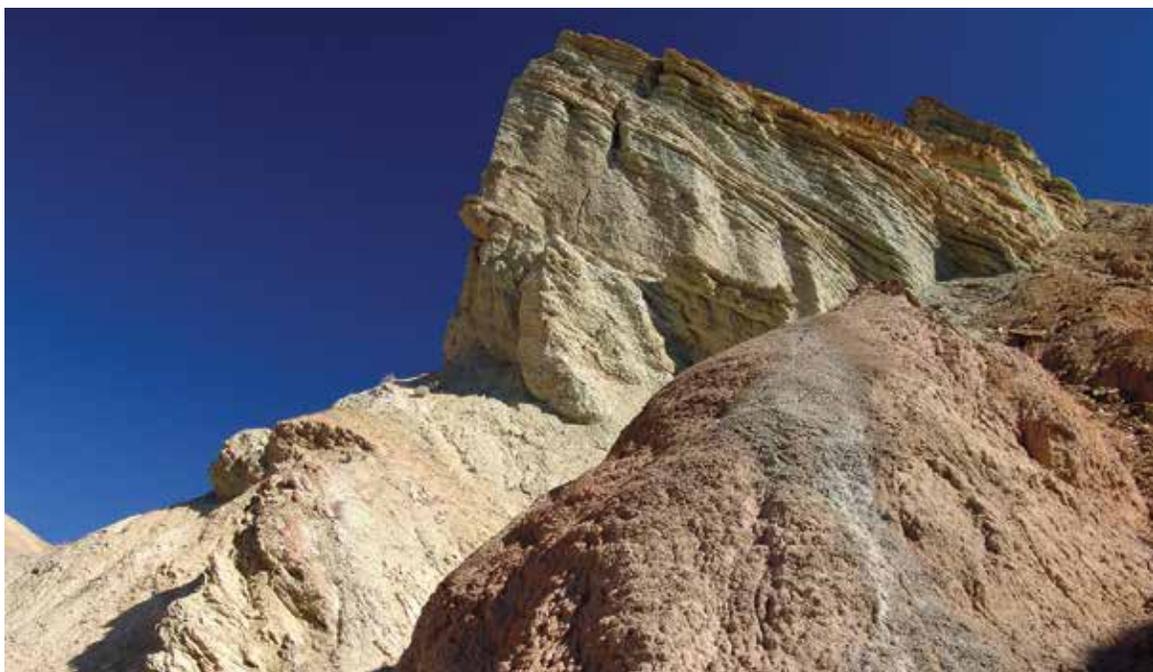
FIELD TRIPS

Seven field trips will be offered in conjunction with the Annual Meeting. Advance registration for all field trips is required. Onsite registration will not be accepted. SVP reserves the right to alter or cancel a field trip due to low registration or if access to site is limited or closed to the public. In the event of a field trip cancellation, SVP will refund fees in full.

All field trips depart from The Westin Bonaventure Hotel & Suites.

Field Trips

- Paleontology and Geology of Orange County, CA
- Field Trip to Rancho La Brea
- DreamWorks Animation Studios; Glendale, CA
- Stratigraphy and Vertebrate Paleontology of the Middle Miocene Barstow Formation, San Bernardino County, California
- Arikareean and Hemingfordian Mammalian Vertebrate Paleontology of the Santa Monica Mountains National Recreation Area, California
- Sharktooth Hill National Natural Park
- Western Mojave Desert Geology and Vertebrate Paleontology with Special Emphasis on the Dove Spring Formation



Barstow – San Bernardino, CA, USA





FIELD TRIPS AND WORKSHOPS

This information is current as of March, 2013

Paleontology and Geology of Orange County, CA

This one-day field trip will visit various paleontological sites in Orange County, located just south of the Los Angeles area. Orange County is rich in Eocene – Pleistocene vertebrate and invertebrate fossils. Miocene marine mammals are particularly abundant and diverse.

Participants will learn about the geologic history of the Los Angeles-Orange County Basin. The trip includes visits to the Clark Paleontology Museum, which displays and houses local fossils, and to the new Cooper Center, a curatorial facility that is the main repository for Orange County's fossils.

Date: Tuesday, October 29, 2013

Time: 7:00 a.m. - 7:00 p.m.

Pick up/Drop off Location: The Westin Bonaventure Hotel & Suites

Cost: \$105.00 per person

Cost Includes: Transportation via bus, breakfast snack, lunch, and field guide

Minimum Number of Participants: 15

Maximum Number of Participants: 42

What to Wear or Bring with You: Dress appropriately for light hiking

Leaders:

Lisa Babilonia

Clark Paleontology Museum
Irvine, CA, USA
lisa.babilonia@ocparks.com

Meredith Rivin

The Cooper Center
Fullerton, CA, USA
mrivin@fullerton.edu

Rick Lozinsky

Fullerton College
Fullerton, CA, USA
rlozinsky@fullcoll.edu





FIELD TRIPS AND WORKSHOPS

This information is current as of March, 2013

Field Trip to Rancho La Brea

The richly fossiliferous Rancho La Brea, type locality of the Rancholabrean North American Land Mammal Age, is now restricted to the 23 acres of Hancock Park that house the Page Museum and La Brea Tar Pits. The trip will visit what remains of the Hancock Family asphalt quarry and sites excavated by the Los Angeles County Museum from 1913-15, the Pit 91 excavation, the current Project 23 excavations, the Fishbowl Lab, and some of the collections areas. Participants will also have the opportunity to explore the exhibits inside the Page Museum.

Date: Tuesday, October 29, 2013

Time: 1:00 p.m. - 4:30 p.m.

Pick up/Drop off Location: The Westin Bonaventure Hotel & Suites

Cost: \$30.00 per person

Cost Includes: American Transportation Sightseeing bus from and to the Westin Bonaventure Hotel & Suites. No private vehicles please.

Minimum Number of Participants: 25

Maximum Number of Participants: 40

Additional Information: Most of the park has paved paths.

Leaders:

Aisling Farrell
Page Museum
Los Angeles, CA, USA
afarrell@nhm.org

Gary Takeuchi
Page Museum
Los Angeles, CA, USA
gtakeuch@nhm.org

Shelley Cox
Page Museum
Los Angeles, CA, USA
scox@nhm.org

DreamWorks Animation Studios; Glendale, CA

Tour of one of the largest operating animation studios in the world, including production facilities and teaching facilities where skeletal modeling classes for California State University Graduate students are being held. Attendees will see first-hand techniques applicable to developing digital skeletal models, as well as productions involving animal anatomical models.

Date: Tuesday, October 29, 2013

Time: 9:00 a.m. - 4:00 p.m.

Pick up/Drop off Location: The Westin Bonaventure Hotel & Suites

Cost: \$25.00 per person

Cost Includes: Transportation from and to the Westin Bonaventure Hotel & Suites and lunch provided by DreamWorks Animation Studio.

Minimum Number of Participants: 10

Maximum Number of Participants: 20

Leaders:

Stuart Sumida
California State University San Bernardino
San Bernardino, CA, USA
ssumida@csusb.edu

Angela Lepito
Glendale, CA, USA
DreamWorks Feature Animation





FIELD TRIPS AND WORKSHOPS

This information is current as of March, 2013

Stratigraphy and Vertebrate Paleontology of the Middle Miocene Barstow Formation, San Bernardino County, California

This 1-day field trip will take participants from Los Angeles to the western Mojave Desert to the type area of the Barstovian Land Mammal Age. Over the past century major collections of fossil mammals have been recovered from the fluvial and lacustrine deposits to the Barstow Formation by field crews of museums and universities located throughout the United States. This trip will focus on the lithostratigraphy, biostratigraphy, vertebrate assemblages and paleoecology recorded in the Barstow Formation from approximately 17.0 – 12.5 Ma. Trip leaders will take guests to the Mud Hills region of the Mojave Desert north of Barstow, approximately three hours east of Los Angeles. Stops will include an overview of the formation and its paleontology along the “loop road” in Rainbow Basin, a visit to the Barstow Formation type section in Owl Canyon, and a trip up Coon Canyon to see some of the historic Frick quarries from which the classic Barstovian faunal assemblage was derived.



Barstow – San Bernardino, CA, USA

Date: Tuesday, October 29, 2013

Time: 8:30 a.m. - 9:00 p.m.

Pick up/Drop off Location: The Westin Bonaventure Hotel & Suites

Cost: \$105.00 per person

Cost Includes: Transportation via 4WD SUVs, lunch, dinner, snacks, beverages, and field guide

Minimum Number of Participants: 12

Maximum Number of Participants: 21

What to Wear or Bring with You: Late October weather in the Mojave Desert is variable. Bring layers, daytime temperatures range from the 40's to the 80's depending on the year. Wear comfortable hiking attire. This trip involved moderate hiking up sandy washes and over uneven terrain.

Leaders:

Darrin Pagnac

South Dakota School of Mines
Rapid City, SD, USA
darrin.pagnac@sdsmt.edu

Kent Smith

Oklahoma State University, CHS
St. Tulsa, OK, USA
kent.smith@okstate.edu

Ian Browne

Oklahoma State University, CHS
St. Tulsa, OK, USA
ian.browne@okstate.edu





FIELD TRIPS AND WORKSHOPS

This information is current as of March, 2013

Arikareean and Hemingfordian Mammalian Vertebrate Paleontology of the Santa Monica Mountains National Recreation Area, California

This field trip will explore strata and localities associated with the Middle Cenozoic mammalian record of Santa Monica Mountains National Recreation Area (SAMO). The mammalian fossils found in these rocks are being used with other lines of evidence to determine the timing of a complex sequence of Cenozoic geological events in southern California. SAMO is a hidden paleontological gem of the National Park Service. Its 154,000 acres preserve a geologic record stretching from the Late Jurassic to the present, with a number of fossiliferous formations and noteworthy fossil sites. Although SAMO is best known for its invertebrate record, it also has numerous examples of Cenozoic vertebrates. Three formations in the east-central part of the recreation area (the Sespe, Vaqueros, and Topanga Canyon formations) have yielded fossils of chondrichthyans, bony fish, amphibians, reptiles, and mammals dating from the Arikareean and Hemingfordian NALMAs. These fossils, mostly found and described only in the past two decades, help elucidate a complicated and eventful period of time in southern California: the Sespe, Vaqueros, and Topanga Canyon formations record a transition from terrestrial to shallow and eventually deep marine conditions, against a backdrop of rifting and tectonic movement that would lead to the east-west orientation of the Transverse Ranges, including the Santa Monica Mountains. Investigation of these fossils is ongoing, and many areas and topics remain to be explored, making this an ideal field trip for students, museum staff, and university faculty interested in research projects in the Los Angeles area.

Date: Sunday, November 3, 2013

Time: 8:30 a.m. - 5:00 p.m.

Pick up/Drop off Location: The Westin Bonaventure Hotel & Suites

Cost: \$80.00 per person

Cost Includes: Transportation, field trip guide, lunch, snacks, and water will be provided for participants.

Minimum Number of Participants: 14

Maximum Number of Participants: 24

What to Wear or Bring with You: Participants should anticipate variable weather conditions for an outdoor activity during a Fall field trip in southern California. Comfortable walking shoes and a light jacket are recommended. Due to limited space in the vehicles, participants are asked to bring not more than one bag or piece of luggage.

Leaders:

Justin Tweet

Tweet Paleo-Consulting
College Grove, MN, USA
jtweet.nps.paleo@gmail.com

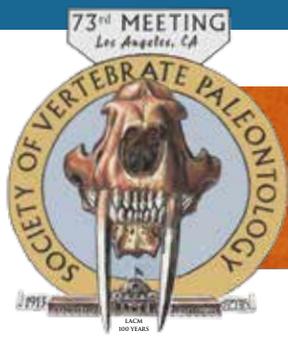
Bruce Lander

Paleo Environmental Associates, Inc.
Altadena, CA, USA
paleo@earthlink.net

Vincent L. Santucci

National Park Service
Washington, DC, USA
vincent_santucci@nps.gov





FIELD TRIPS AND WORKSHOPS

This information is current as of March, 2013

Sharktooth Hill National Natural Park

This one day field trip will journey to Kern County, California where participants will visit various points of interest throughout the scientifically and historically significant Kern River district northeast of Bakersfield. Crossing the San Andreas Fault rift in the Tehachapi Mountains, where the North American and Pacific plates meet, we will examine the regional geology of Kern River Oil Field, from the Oligo-Miocene boundary through the Quaternary. We will especially examine the Miocene marine sequence from that has been analyzed paleomagnetically and formed the basis for numerous publications. We will visit the Sharktooth Hill National Natural Landmark and exposed portions of the Sharktooth Hill Bonebed, a thin but dense layer of vertebrate fossils that is a global standard of comparison for middle Miocene marine assemblages.

Date: Sunday, November 3, 2013

Time: 7:30 a.m. - 6:00 p.m.

Pick up/Drop off Location: The Westin Bonaventure Hotel & Suites

Cost: \$55.00 per person

Cost Includes: Transportation via vans, snacks, lunch, beverages, and field trip guide.

Minimum Number of Participants: 11

Maximum Number of Participants: 41

What to Wear or Bring with You: A hat along with sunscreen and clothing covering your arms and legs as it may be hot or, less likely, wet. A water bottle would be useful. Moderate hiking footwear as the terrain is hilly, although not rocky. We will provide all collecting gear so there is no need to bring picks or hammers.

Physical Capabilities: Must be able to walk on trails for about a half a mile and endure prolonged exposure to sun and wind.

Leaders:

Lawrence G. Barnes

Natural History Museum of Los Angeles County
Los Angeles, CA, USA
lgbarnes22@yahoo.com

Vanessa R. Rhue

Natural History Museum of Los Angeles County
Los Angeles, CA, USA
vrhue@nhm.org

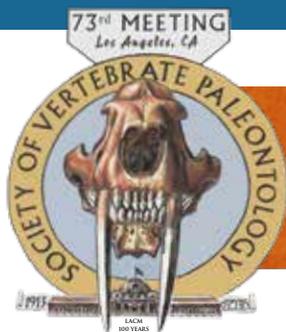
Samuel A. McLeod

Natural History Museum of Los Angeles County
Los Angeles, CA, USA
smcleod@nhm.org

Howell W. Thomas

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Los Angeles, CA, USA
hthomas@nhm.org





FIELD TRIPS AND WORKSHOPS

This information is current as of March, 2013

Western Mojave Desert Geology and Vertebrate Paleontology with Special Emphasis on the Dove Spring Formation

The western Mojave Desert, a mere 2-hour drive from downtown Los Angeles, contains rich and diverse records of fossil vertebrate assemblages (and occasional marine assemblages) ranging in age from Paleocene to Quaternary. The Dove Spring Formation, the most thoroughly documented of these assemblages represent one of the most complete Clarendonian to earliest Hemphillian-aged successions in North America. The diverse fossil assemblages collected over more than a hundred years contain a diverse assemblage of 86 species of fossil vertebrates, and pollen, phytolith, leaf and wood floras including the oldest published C4 grasses in North America. The majority of these collections are housed at the Natural History Museum of Los Angeles County.

The trip will cross through the tectonically active valleys and transverse ranges of southern California with a discussion of the geology along the way, and a brief stop at an overlook of the San Andreas Fault, the boundary between the North American continent and the Pacific Plate. The trip will then cross into the western Mojave Desert arriving in Red Rock Canyon State Park, with its scenic desert cliffs, buttes and spectacular rock formations, in the center of 15 square miles of exposures of Dove Spring Formation. We will tour the State Park Interpretive Center with its fossil exhibits of the Dove Spring assemblages. We will take a two mile (round trip) trail hike up a prominent basalt ridge where we will be able to observe the entire 1800 meter succession of Dove Spring lithology exposed. Trip leaders will lead a discussion on the geology and stratigraphy of the area. This hike will provide opportunity for close examination of a Yellowstone hot spot ash, one of 17 such beds that have been used for precise age correlation of the fossil assemblages. We will spend a short time getting a close look at some of the fossil-producing deposits then retrace our journey back to Los Angeles.

Date: Sunday, November 3, 2013

Time: 7:00 a.m. - 7:00 p.m.

Pick up/Drop off Location: The Westin Bonaventure Hotel & Suites

Cost: \$98.00 per person

Cost Includes: Coach travel, box lunch, snacks, beverages, and a field guide.

Minimum Number of Participants: 20

Maximum Number of Participants: 40

What to Wear or Bring with You: Closed-toed shoes are required. Must be able to walk on trails for about two miles.

Leaders:

David Whistler

Natural History Museum of Los Angeles County
Los Angeles, CA, USA
dhwhistler@bendcable.com

Xiaoming Wang

Natural History Museum of Los Angeles County
Los Angeles, CA, USA
xwang@nhm.org

Gary Takeuchi

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Lindsey Groves

Natural History Museum of Los Angeles County
Los Angeles, CA, USA
lgroves@nhm.org





FIELD TRIPS AND WORKSHOPS

This information is current as of March, 2013

WORKSHOPS

Six workshops will be offered in conjunction with the Annual Meeting. Advance registration is required for all Workshops. Onsite registration will not be accepted. SVP reserves the right to alter or cancel a workshop due to low registration. In the event of a workshop cancellation, SVP will refund fees in full.

Workshops

- What Rock is That? (and other common 4th grade questions)
- Virtual 3D Analysis of Chewing in Mammals – Occlusal Fingerprint Analyser (OFA) Workshop
- Video Made Easy
- Practical Computing for Paleontologists
- Photogrammetry: Digital Data Collection in the Lab and Field
- Paleontology and the Media – Communicating Your Research to the Popular Press

All workshops will be held at the Westin Bonaventure Hotel & Suites.

What Rock is That? (and other common 4th grade questions)

Work with educators from the Natural History Museum of Utah to discover new ways to foster independent exploration, help students gain a deeper understanding of the natural world, and answer tricky student questions about rocks, minerals, and fossils. Participants will walk away with useful information and resources to use inquiry effectively in your own science program while covering important geologic concepts.

The focus of this workshop – Earth Science/Geology – is an area we find teachers struggle to effectively communicate with school-age children the most. Using geology as a lens, participants will feel more confident in their own abilities as science educators and learn up-to-date research-based information on inquiry learning and scientific process skills.

Date: Tuesday, October 29, 2013

Time: 9:00 a.m. - 12:00 p.m.

Location: The Westin Bonaventure Hotel & Suites

Cost: \$40.00 per person

Minimum Number of Participants: 8

Maximum Number of Participants: 30

Leaders:

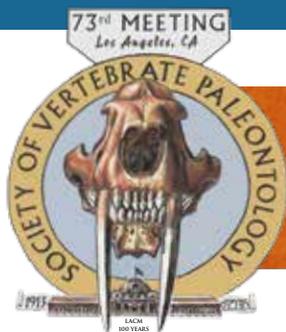
Natalie Toth

Natural History Museum of Utah
Salt Lake City, UT, USA
ntoth@nhmu.utah.edu

Jessica Seppi

Natural History Museum of Utah
Salt Lake City, UT, USA
jseppi@nhmu.utah.edu





FIELD TRIPS AND WORKSHOPS

This information is current as of March, 2013

Virtual 3D Analysis of Chewing in Mammals – Occlusal Fingerprint Analyser (OFA) Workshop

Precise dental occlusion is a key adaptation in the evolution of mammals. In combination with various modifications of the dentition, modern placentals and marsupials developed versatile masticatory functions. The reconstruction of the chewing cycle and quantification of mastication performance is a major problem in functional morphology of the dentition. To overcome the shortcomings of 2D-models, a 3D virtual manipulation software, the Occlusal Fingerprint Analyser (OFA), was developed within the Deutsche Forschungsgemeinschaft Research Unit 771. The OFA allows a detailed 3D surface analysis with the integration of masticatory movements and original wear patterns of teeth. The workshop will include a presentation of this new 3D surface analyzing software which is available free as download. The participants will manipulate actively polygonal tooth models in 3D and create animated chewing motions. At the end of the workshop, each participant should be able to use the OFA for their own functional analyses. The organizers of this workshop are initiators and qualified users of the OFA who will be able to provide detailed background information on the software and its development. The aim is to demonstrate that virtual manipulation and the animation of chewing cycles can be used by everyone in the scientific community who is interested in 3D and/or mastication processes. The proposed workshop provides a basic training or the OFA including a comprehensive explanation of all major functions of the software.

Date: Tuesday, October 29, 2013

Time: 9:00 a.m. - 5:00 p.m.

Location: The Westin Bonaventure Hotel & Suites

Cost: Free

Cost Includes: Virtual 3D-surface-models of different mammalian taxa with versatile feeding habits will be provided in advance via download from website, or can be copied from organizers' USB device at the beginning of the workshop.

Minimum Number of Participants: 10

Maximum Number of Participants: 15

Items to Bring: Attendees should bring their own notebooks (minimum requirements: Dual Core Intel/AMD 32/64bit, 4200+/2200MHz, 2GB RAM, nVidia GeForce 6600GT or AMD/ATI Radeon x800, 1GB free disk space, monitor resolution 1280x1024, 32bit Windows XP SP2)

Leaders:

Julia A. Schultz

Steinmann-Institut für Geologie
Bonn, Germany
julia.schultz@uni-bonn.de

Achim Schwermann

Steinmann-Institut für Geologie
Bonn, Germany
achim.schwermann@uni-bonn.de

Leonie Schwermann

Steinmann-Institut für Geologie
Bonn, Germany
leonie.schwermann@uni-bonn.de

Ulrike Menz

Steinmann-Institut für Geologie
Bonn, Germany
umenz@senckenberg.de

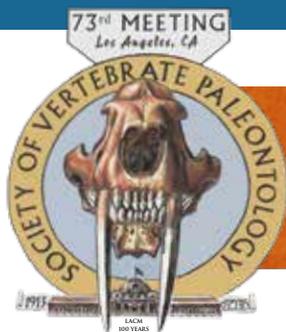
Ottmar Kullmer

Senckenberg Forschungsinstitut und Naturmuseum
Frankfurt, Germany
okullmer@senckenberg.de

Thomas Martin

Steinmann-Institut für Geologie
Bonn, Germany
tmartin@uni-bonn.de





FIELD TRIPS AND WORKSHOPS

This information is current as of March, 2013

Video Made Easy

Now that our phones and DSLRs shoot video and you can edit the footage on a laptop, everyone can be a video producer. But making successful videos is not so simple as just having the equipment. There is craft involved, and learning that craft means the difference between creating professional caliber programs or ending up with reams of unusable footage.

This workshop is a crash course in Production, the craft of executing a video project. It is geared toward the scientist documenting a field season, the preparatory shooting a training video, the curator augmenting an exhibit. Some of the topics we'll cover include:

- Preproduction: plan to get the most out of your shoot.
- To script or not to script? Writing for the ear.
- Film grammar: how to tell a story onscreen.
- Best practices for camera, sound and lighting.
- Continuity & coverage: shooting to edit.
- Nonlinear editing made simple: the 5 tools you really need.

Along the way the workshop will offer a career's worth of tips, tricks, default strategies and other shortcuts to success. Attendees will leave armed

with an arsenal of techniques to help make their next premiere a red carpet event.

Date: Tuesday, October 29, 2013

Time: 2:00 p.m. - 6:00 p.m.

Location: The Westin Bonaventure Hotel & Suites

Cost: \$45.00 per person

Minimum Number of Participants: 6

Maximum Number of Participants: 15

Items to Bring: If you have them – Video cameras, Flip cameras, phone with video capability, still camera with video capability, laptop with video editing software (iMovie, FCP, Premiere, MovieMaker)

Leaders:

Alan Zdinak

AMNH

New York, NY, USA

video.workshop@alanzdinak.com

Practical Computing for Paleontologists

We live in an era of big data, big databases and a multitude of file formats. Join us on October 29th for a workshop in Python and Unix to learn how to use programming to make your research more repeatable, more tractable and more efficient! No prior experience with programming necessary.

Date: Tuesday, October 29, 2013

Time: 10:00 a.m. - 4:00 p.m.

Location: The Westin Bonaventure Hotel & Suites

Cost: Free

Maximum Number of Participants: 75

Items to Bring: Participants must bring their own computer.

Leaders:

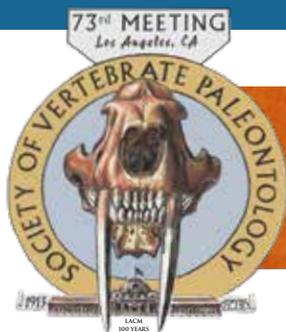
April Wright

University of Texas

Austin, TX, USA

wright.aprilm@utexas.edu





FIELD TRIPS AND WORKSHOPS

This information is current as of March, 2013

Photogrammetry: Digital Data Collection in the Lab and Field

Photogrammetry is a powerful and relatively inexpensive tool for documentation of the appearance and condition of fossil resources during any step of the curatorial process. The purpose of this workshop is to familiarize participants with the methodology, applications, and products of photogrammetry as it relates to collection, preparation and curation of fossil vertebrate material. The general concept of the workshop is to provide an overview of photogrammetry and requirements of image capture. The workshop will begin with a discussion of the basics of stereo photography and what makes photogrammetry work; followed by an overview of the photogrammetric process, camera/equipment, simple to complex project designs, types of software, importance of camera calibration, examples of project layouts and results, and what can be done with the data. The hands-on part of the workshop will allow participants to use their own cameras to collect digital data using photogrammetry of various vertebrate specimens and then a walk-through of some of the easier processing software programs that can be utilized; allowing participants to actually see some of the processed data from their photogrammetric work. Participants will have the chance to process some of their own data and will leave the workshop with a highly detailed three dimensional digital image file of their specimens, as well as a better understanding of the monitoring and conservation opportunities photogrammetry provides for the field of vertebrate paleontology. Participants are encouraged to bring their own digital cameras, laptop computers, and iPads.

Date: Tuesday, October 29, 2013

Time: 9:00 a.m. - 4:00 p.m.

Location: The Westin Bonaventure Hotel & Suites

Cost: \$55.00 per person

Cost Includes: Workshop training manual and specimens to photograph.

Minimum Number of Participants: 15

Maximum Number of Participants: 30

Items to Bring: Digital camera, laptop computer, and/or iPad.

Leaders:

Neffra Matthews

National Operations Center
Denver, CO, USA
nlmatthe@sc.blm.gov

Brent H. Breithaupt

BLM Regional Paleontologist
Cheyenne, WY, USA
Brent_Breithaupt@blm.gov

Matt Smith

Petrified Forest National Park
Chambers, AZ, USA
Matthew_E_Sith@nps.gov





FIELD TRIPS AND WORKSHOPS

This information is current as of March, 2013

Paleontology and the Media – Communicating Your Research to the Popular Press

The role of paleontologists as commentators on new discoveries in the fields of evolution, the history of life on Earth, and its changing ecosystems allow us a unique opportunity to share our understanding of these topics with the public in an understandable and concise manner. However, communicating the results of research to the public is not always as simple as it sounds. Our discoveries and their implications for an understanding of evolution are intimately linked and being the faces and voices that represent our society and our science is a serious responsibility. One must also keep in mind, that many writers, commentators, and bloggers may not be as science-minded as we might hope. The Media Liaison Committee would like offer a workshop aimed at helping members of the SVP get their points across to media. Workshop participants will include: Nick Fraser, National Museums of Scotland, Jason Goldman, University of Southern California and blogger for Scientific American, and Kate Wong, editor and writer for Scientific American

Join members of the Media Liaison Committee and other professionals in a one-hour workshop in which you will learn to:

- Develop a media-friendly press release
- Be quoted the way that you want to be quoted
- Get your point across without scientific jargon
- Develop newsworthy and credible talking points
- Avoid common traps and mistakes
- Convey your own personality and enthusiasm for science
- Learn how to interact with reporters in a constructive way
- Discover new types of media outlets in the digital age

Date: Wednesday, October 30, 2013

Time: 12:30 p.m. - 1:45 p.m.

Location: The Westin Bonaventure Hotel & Suites

Cost: Free

Minimum Number of Participants: 10

Maximum Number of Participants: 45

Leaders:

Dana Ehret

Alabama Museum of Natural History
Tuscaloosa, AL, USA
dana.ehret@gmail.com

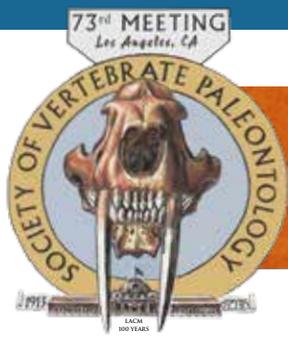
Darin Croft

Cleveland, OH, USA
dac34@case.edu

Anthony Friscia

University of California Los Angeles
Los Angeles, CA, USA
tonyf@ucla.edu





SPECIAL EVENTS

This information is current as of March, 2013

SPECIAL EVENTS

Special Presentation by Dr. Tim D. White from the University of California, Berkeley

Date: Tuesday, October 29, 2013

Time: In the evening

Location: Natural History Museum of Los Angeles County

This presentation for the public is open to all attendees but geared more for non-paleontologists. If you choose to attend, transportation is on your own. More information about this program will be available online.

Welcome Reception

Date: Wednesday, October 30, 2013

Time: 7:00 p.m. – 10:00 p.m.

Location: Natural History Museum of Los Angeles County

Join your friends and colleagues and see the exceptional and award winning Age of Mammals and Dinosaur Halls and nearly 300,000 square feet of renovated public space within and surrounding the Natural History Museum.

Press Event

Date: Thursday, October 31, 2013

Time: 4:15 p.m. – 5:45 p.m.

Location: Westin Bonaventure Hotel & Suites

This informal “speed-dating” event will provide an opportunity for the members of the media to get exclusive insights into some of the latest research in vertebrate paleontology from the authors themselves. All press registration applications are subject to review.

Photographs or any electronic recording during the proceedings are prohibited (including during platform presentations and poster sessions). Only designated SVP representatives may take photographs or recordings for purposes of documenting the meeting and/or to be used in informational articles or future promotions for this organization’s activities. Observers are reminded that the technical content of the SVP sessions is not to be reported on in any medium (print, electronic, or internet) without the prior permission of authors.

Organizers:

Darin Croft – *Chair*

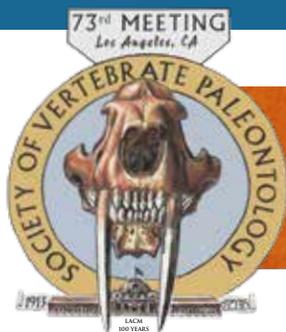
Case Western Reserve University School of Medicine

dcroft@case.edu

Anthony Friscia – *Vice-Chair*

Department of IBP





SPECIAL EVENTS

This information is current as of March, 2013

Student Roundtable Forum and Reprint Exchange

Date: Thursday, October 31, 2013

Time: TBA

Location: Westin Bonaventure Hotel & Suites

During this informal session students can network and receive accurate and important advice from respected experts and leaders on many topics.

The Student Reprint Exchange is a chance for you to build your library, free of charge. Recent reprints on all areas of vertebrate paleontology will be available through the generous donations of SVP members.

Mail in or bring your reprints for this event!

Mail reprints to the following address for RECEIPT by Friday, October 25, 2013.

John Harris

SVP-Reprints

Natural History Museum of Los Angeles County

900 Exposition Boulevard

Los Angeles, CA 90007

or bring them to the meeting with you and drop them off at the registration desk.

Annual Benefit Auction and Social

Date: Friday, November 1, 2013

Time: 6:30 p.m. – 12:00 Midnight

Location: Westin Bonaventure Hotel & Suites

There will be hundreds of one-of-a-kind items for the bidding; no one should go away disappointed. Remember to pack lights and leave room in your bags. Start today by gathering items to donate for the auction. These may include fossil replicas, books, reprints, artwork, toys, t-shirts – use your imagination. Fossils will not be accepted. Donate your own treasures – download the Auction Donation Form from the SVP website. Auction proceeds will go to the Legacy League of Funds. A cash bar will be provided.

For more information on the Auction, contact Auction Co-Chairs Brent H. Breithaupt at bbpaleo@gmail.com or Scott Williams at scott.williams@burpee.org.

[Click here](#) for Auction Donation Form.

Ship items for RECEIPT by Friday, October 25, 2013.

John Harris

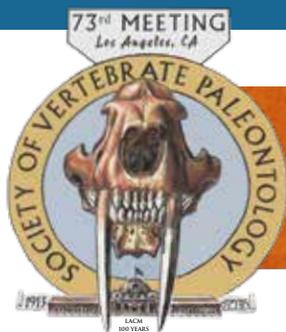
Items for SVP Auction

Natural History Museum of Los Angeles County

900 Exposition Boulevard

Los Angeles, CA, 90007





PRELIMINARY SCHEDULE

This information is current as of March, 2013

SVP 2013 PRELIMINARY PROGRAM SCHEDULE As of March 2013

Tuesday, October 29

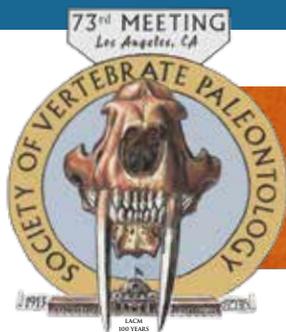
7:00am – 7:00pm	Field Trip: Paleontology and Geology of Orange County, CA
8:30am – 9:00pm	Field Trip: Stratigraphy and Vertebrate Paleontology of the Middle Miocene Barstow Formation, San Bernardino County, California
9:00am – 4:00pm	Field Trip: DreamWorks Animation Studios; Glendale, CA
9:00am – 5:00pm	Workshop: Virtual 3D Analysis of Chewing in Mammals - Occlusal Fingerprint Analyser (OFA)
9:00am – 12:00pm	Workshop: What Rock is That? (and other common 4th Grade questions)
9:00am – 4:00pm	Workshop: Photogrammetry: Digital Data Collection in the Lab and Field
10:00am – 4:00pm	Workshop: Practical Computing for Paleontologists
1:00pm – 4:30pm	Field Trip: Field Trip to Rancho La Brea
2:00pm – 6:00pm	Workshop: Video Made Easy

Wednesday, October 30

7:30am – 9:30am	Poster I Set up
9:30am – 6:15pm	Exhibits/Posters Open
4:15pm – 6:15pm	Exhibit/Poster Mixer Poster I Presentation
7:45am – 8:00am	Plenary/Keynote Lecture
8:00am – 10:00am 10:15am – 12:15pm	Technical Sessions
8:00am – 10:00am 10:15am – 12:15pm	Symposium
12:30pm – 1:45pm	Workshop: Paleontology and the Media – Communicating Your Research to the Popular Press
1:45pm – 4:15pm	Technical Sessions
7:00pm – 10:00pm	Welcome Reception Natural History Museum

Schedule subject to change. Please continue to check the Annual Meeting website at <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home.aspx> for updates.





PRELIMINARY SCHEDULE

This information is current as of March, 2013

Thursday, October 31

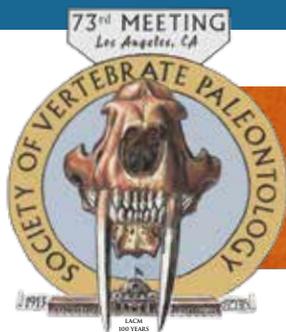
7:30am – 9:30am	Poster II Set up
9:30am – 6:15pm	Exhibits/Posters Open
4:15pm – 6:15pm	Exhibit/Poster Mixer Poster I Presentation
8:00am – 10:00am 10:15am – 12:15pm	Romer Prize Session
8:00am – 10:00am 10:15am – 12:15pm	Symposium
8:00am – 10:00am 10:15am – 12:15pm	Preparator's Session
12:30pm – 1:45pm	Business Meeting
1:45pm – 4:15pm	Technical Sessions
4:15pm – 5:45pm	Press Event
TBA	Student Roundtable Forum and Reprint Exchange

Friday, November 1

7:30am – 9:30am	Poster III Set up
9:30am – 6:15pm	Exhibits/Posters Open
4:15pm – 6:15pm	Exhibit/Poster Mixer Poster III Presentation
8:00am – 10:00am 10:15am – 12:15pm	Technical Sessions
8:00am – 10:00am 10:15am – 12:15pm	Symposium
1:45pm – 4:15pm	Technical Sessions
6:30pm – 12:00 midnight	Annual Benefit Auction and Social

Schedule subject to change. Please continue to check the Annual Meeting website at <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home.aspx> for updates.





PRELIMINARY SCHEDULE

This information is current as of March, 2013

Saturday, November 2

7:30am – 9:30am	Poster IV Set up
9:30am – 6:15pm	Exhibits/Posters Open
4:15pm – 6:15pm	Exhibit/Poster Mixer Poster IV Presentation
8:00am – 10:00am 10:15am – 12:15pm	Technical Sessions
8:00am – 10:00am 10:15am – 12:15pm	Symposium
1:45pm – 4:15pm	Technical Sessions
7:00pm – 10:00pm	Awards Ceremony
10:00pm	After hours party

Sunday, November 3

7:00am – 7:00pm	Field Trip: Western Mojave Desert Geology and Vertebrate Paleontology with Special Emphasis on the Dove Spring Formation
7:30am – 6:00pm	Field Trip: Sharktooth Hill National Natural Park
8:30am – 5:00pm	Field Trip: Arikareean and Hemingford Mammalian Vertebrate Paleontology of the Santa Monica Mountains National Recreation Area, California

Schedule subject to change. Please continue to check the Annual Meeting website at <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home.aspx> for updates.

REGISTRATION

This information is current as of March, 2013

REGISTRATION

Registration Opens in May 2013. Please visit the SVP meeting website at <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home.aspx>, for the most up-to-date registration and meeting information. If you have questions, please contact meetings@vertpaleo.org.





VENUE, LODGING AND TRAVEL

This information is current as of March, 2013

VENUE, LODGING AND TRAVEL

The SVP 73rd Annual Meeting will be held at the Westin Bonaventure Hotel & Suites, 404 South Figueroa Street, Los Angeles, California 90071.

The hotel is located in the Financial District and has been featured in movies and on television. [Los Angeles International Airport \(LAX\)](#) is only twenty minutes away from the hotel. SuperShuttle and taxis are readily available to transport you from the airport to the hotel. The metro is conveniently located and only three blocks from the hotel.

Hotel Information:

The official headquarters hotel for the SVP 73rd Annual Meeting is the Westin Bonaventure Hotel & Suites. Group rates have been secured for SVP meeting attendees at discounted rates.

Reservations:

To reserve a room at the Westin Bonaventure Hotel & Suites call 888-627-8520 or toll free at 1-800-937-8461. Reservations can also be made online by clicking the following link: <https://www.starwoodmeeting.com/Book/svpmeeting>

Room Rates:

- \$155 for Single/Double
- \$175 for Triple
- \$195 for Quad

Roommate Service:

For assistance in finding a roommate, visit the SVP 73rd Annual Meeting website and complete the Room Sharing form.

Travel Visas and Letters of Invitation:

Please visit the International Visitors Office website at <http://www.nationalacademies.org/visas> for information. Travelers are advised to apply for a visa as early as possible. Please check with your local U.S. consulate or embassy to find out the earliest that you may apply for a visa www.usembassy.gov/.

For security purposes, letters of invitation can only be sent to individuals registered for the Meeting. To request a letter of invitation please contact meetings@vertpaleo.org.





VENUE, LODGING AND TRAVEL

This information is current as of March, 2013

Travel Information

Los Angeles International Airport (LAX)

The airport is located only thirty minutes from The Westin Bonaventure Hotel & Suites, with the possibility of traffic delays. It is the sixth busiest airport in the world. Convenient services for the traveling public, including curbside baggage check-in and business centers, are available throughout the airport.

Car Rentals

Around forty rental car companies operate out of LAX, with many of them providing phone links inside or near the baggage claim areas. To learn more about pick-up and drop-off options available to customers of rental car companies, please visit http://www.lawa.org/welcome_lax.aspx?id=1294.

Public Transit

The Los Angeles County Metropolitan Transportation Authority (METRO) transports passengers by subway trains, light rail, and buses. Metro Rail runs six lines serving 80 stations around Los Angeles County, connecting Downtown LA to locations such as Hollywood, Pasadena, and Long Beach.

Three types of bus service are available in Los Angeles: Metro Local, Metro Rapid, and Metro Express. All Metro Rail lines are accessible to persons in wheelchairs, while Metro buses are equipped with automatic wheelchair lifts.

Shuttles & Taxi Service

Shuttle services are a convenient way to navigate the city and travel between the airport and other destinations. Taxicabs are located at the airport, most hotels, attractions, and shopping centers. Fare rates will be *displayed on the meter and will include a flag drop charge plus a per-mile and/or a per-hour charge.*

Visitor's Information

To learn more about Los Angeles and its "hot spots," please visit the [Los Angeles Tourism & Convention Board's website](#). Interactive Visitors Centers are located on the Arrivals Level at the Los Angeles International Airport. While at the meeting, you may also visit the Concierge Desk at the Westin Bonaventure Hotel & Suites for information on tours, restaurants, and other attractions.

Natural History Museum of Los Angeles County
<http://www.nhm.org/site/>

Griffith Observatory
<http://www.griffithobs.org/>

Page Museum
<http://www.tarpits.org/>

Rodeo Drive
<http://www.rodeodrive-bh.com/index4.html>

Grauman's Chinese Theatre
<http://www.tclchinesetheatres.com/>

Universal Studios
<http://www.universalstudioshollywood.com/>

Walt Disney Land
<http://disneyland.disney.go.com/>

