

## SAMPLE 1

### Proposal for SVP 2013 Fieldtrip Sharktooth Hill Bonebed: a marine middle Miocene bonebed and environs

#### **Purpose and intended outcome of the field trip:**

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 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.

**Begins:** 7:30 a.m. Sunday, November 3, 2013 from the Westin Bonaventure Hotel

**Ends:** 6:00 p.m. Sunday, November 3, 2013 at the Westin Bonaventure Hotel

**Venue:** Sharktooth Hill Bonebed

**Transportation:** Rental Vans

**Insurance:** Full insurance coverage will be provided by the chosen rental van company for all vehicles and passengers. In addition, all vehicles driven by the trip leaders mentioned below will carry their own car insurance policies.

**Recommended clothing and items to bring:** 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. Bathrooms may not be easily accessible during parts of the trip.

**Children:** Children 15 and over are welcome.

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

#### **Budget for minimum number of participants**

<b>Item</b>	<b>Unit Cost</b>	<b>Qty</b>	<b>Total</b>
Van Rental	\$150 per 15 passenger van	1	\$ 150
Gas	\$100 per van	1	\$ 100
Food	\$ 15 per person	11	\$ 165
Guidebook	\$ 5 per person	11	\$ 55
Supplies	\$ 75	1	<u>\$ 75</u>
<b>Grand Total</b>			<b>\$ 545</b>

**Budget for maximum number of participants**

<b>Item</b>	<b>Unit Cost</b>	<b>Qty</b>	<b>Total</b>
Van Rental	\$150 per 15 passenger van	3	\$ 450
Gas	\$100 per van	3	\$ 300
Food	\$ 15 per person	41	\$ 615
Guidebook	\$ 5 per person	41	\$ 205
Supplies	\$ 75	1	<u>\$ 75</u>
<b>Grand Total</b>			<b>\$1645</b>

**Proposed cost per person:** \$50 excluding organizers/leaders

**Minimum number of participants:** 11 excluding the leaders

**Maximum number of participants:** 41 excluding the leaders

**Note:** The leaders will not pay for the field trip registration fee, however they will pay for their own food and field guides, a total cost of \$80.

SVP is to add a \$5.00 required administrative fee to proposed registration cost per person.

<b>Organizers/Leaders</b>	
Lawrence G. Barnes, Curator Emeritus 900 Exposition Blvd. Los Angeles, CA 90007 Tel: (213) 763-3329 <a href="mailto:lgbarnes2@yahoo.com">lgbarnes2@yahoo.com</a>	Vanessa R. Rhue, Assistant Collections Manager 900 Exposition Blvd. Los Angeles, CA 90007 Tel: (213) 763-3248 <a href="mailto:vrhue@nhm.org">vrhue@nhm.org</a>
Samuel A. McLeod, Collections Manager 900 Exposition Blvd. Los Angeles, CA 90007 Tel: (213) 763-3325 <a href="mailto:smcleod@nhm.org">smcleod@nhm.org</a>	Howell W. Thomas, Paleontological Preparator 900 Exposition Blvd. Los Angeles, CA 90007 Tel: (213) 763-3324 <a href="mailto:hthomas@nhm.org">hthomas@nhm.org</a>

## Advertising Copy

### **Sharktooth Hill: a marine middle Miocene bonebed and environs**

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 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.

**Begins:** 7:30 a.m. on Sunday, November 3, at the Westin Bonaventure Hotel & Suites

**Ends:** 6:00 p.m. on Sunday, November 3, at the Westin Bonaventure Hotel & Suites

**Venue:** Sharktooth Hill Bonebed

**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.

**Children:** No children allowed for liability reasons.

#### **Leaders:**

Lawrence G. Barnes

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