

Inland Geological Society

December 2008

Newsletter of the Inland Geological Society

Volume 24 No. 12

This Meeting:
Wednesday,
December 3rd

Time:
Social: 6:00pm
Dinner: 6:30pm
Lecture: 7:00pm

Location:
LSA Associates
1500 Iowa Ave
Suite 200
Riverside, CA
92507
(Map on Pg.4)

**Coming to
Dinner?**
Please RSVP:
By Monday 12/1
(951) 782-3295
dlass@
waterboards.ca.gov

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December Speaker:

Venessa Fava

Recent Graduate of California State University, San Bernardino

Paleoecological and paleoenvironmental reconstruction of the Sycamore Canyon member of the mio-pliocene Puente formation, Chino Hills, San Bernardino Co., CA

Abstract

Six molluscan taxa and the sediments in which they are preserved from the Sycamore Canyon Member of the Puente Hills Formation were studied in an attempt to interpret the paleoenvironment of this area during the Mio-Pliocene. From this study three different lithologies were found to be present in the matrix of fossil specimens. Previously identified macrofossils from the Puente Formation have not been specifically noted as coming from the Sycamore Canyon Member, making interpretation of this collection important to the understanding of the depositional environment and stratigraphic implications. My identifications indicate that the ranges of some of these taxa should extend into the latest Miocene and not just the Pliocene.

Biography:

Venessa Fava attended Cal-State, San Bernardino where she received a B.S. degree in Geology in June 2008. While at CSUSB, she was Co-President of the Geology Club for two years (06-08). She spent four weeks in Dominica, Lesser Antilles with Dr. Alan Smith and Dr. Joan Fryxell, both professors at CSUSB, where she conducted research to analyze the chemistry of geothermal springs. Her senior project on the Puente Hills formation was under the direction of Dr. Britt Leatham, also with CSUSB. She is currently looking for employment and is excited to begin her career.



Upcoming Meetings/Events

Rock & Gem Shows—Various locaitons

Various rock and mineral shows will be throughout southern California. To find one nearest you, visit www.rockngem.com/showdates.asp

AGU Fall Meeting—San Francisco, CA



The 2008 AGU Fall Meeting will be **Dec. 15-19, 2008** in San Francisco, CA. For more information, please visit www.agu.org/meetings/fm08/

SME—Southern California Section Meeting

Dr. Don Buchanan, CSUSB, will be giving a talk in *The Origin of the Sierra Nevada Range*. The meeting will be **Tues., Dec. 9, 2008** at Pomona Valley Mining Co. in Pomona, CA. This meeting will also be the SME annual Christmas Party. For more information, visit www.mine-engineer.com/socalmining/meet.htm#DEC

NGWA Ground Water Expo—Las Vegas, NV

The 2008 NGWA Ground Water Expo and Annual Meeting will be **Dec. 2-5, 2008** in Las Vegas, NV. For more information, please visit www.ngwa.org/2008expo/index.aspx

IGS Meeting Schedule

January 8, 2009 (Thursday)

Jeff Fitzsimmons, John R. Bylerly, Inc.
Lower San Bernardino Valley Seismic Trend

February 4, 2009 (Wednesday)

Dr. Matthew Kirby, CSU, Fullerton
Paleoclimate of Southern California

March 5, 2009 (Thursday)

Kent McMillan, Geo-Logic Associates
Faulting in the Imperial Valley (tentative)

April 1, 2009 (Wednesday)

Dr. Kim Bishop, CSU, Los Angeles
1872 Owens Valley earthquake and fault rupture

May 7, 2009 (Thursday)

Bob Reynolds, LSA Associates, Inc.
Stratigraphic Relationships in the Lower Barstow Formation

June 3, 2009 (Wednesday)

TBA



~2009 IGS OFFICERS BALLOT~

President

Greg Johnson (LA DPW) _____

Co-Chair (open) _____

Vice President (Program Chair)

Thom Deane (DCI)

Write-in (open) _____

Secretary

Dixie Lass (Santa Ana RWQCB) _____

Write in _____

Treasurer

Margaret Gooding (LSA Associates) _____

Write in _____

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Newsletter Editor

Shelby Harrell (Geo-Logic Associates / CSU, Fullerton) _____

Web Mistress/Master

Marina West (Big Horn Desert View Water Agency) _____

Student Liaison Officers (one from each local college/university)

CSU San Bernardino _____

UC Riverside _____

Cal-Poly Pomona _____

Riverside Community College _____

Chaffey College _____

Crafton Hills College _____

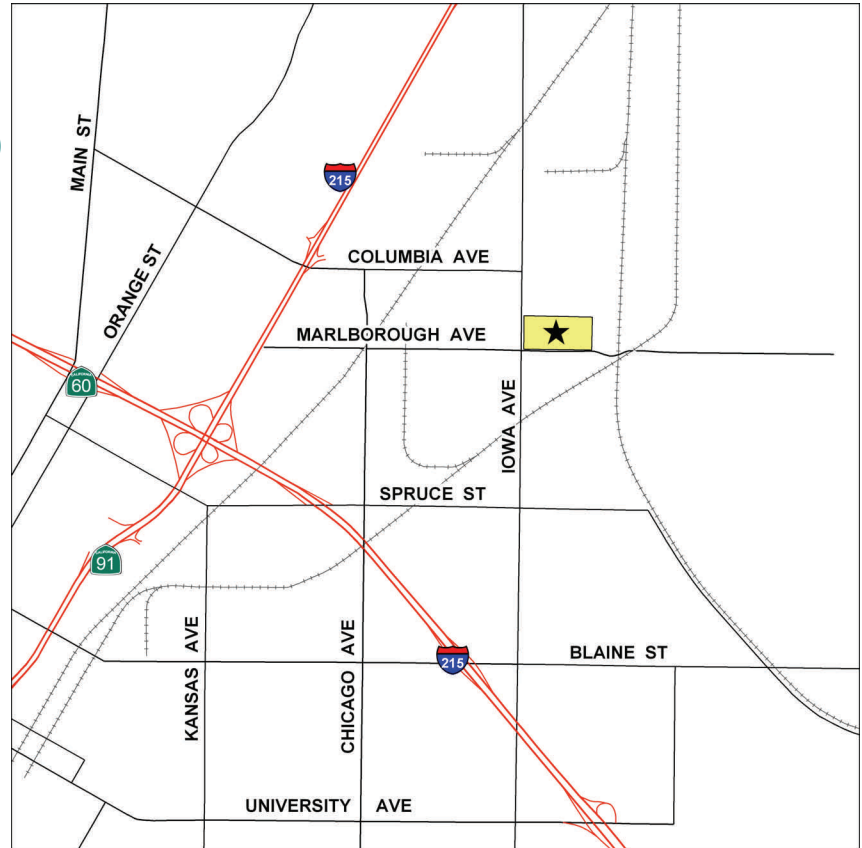
Other _____

Please mark your ballot and bring it with you to the December meeting or fax, e-mail or mail it to:

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6447 Jaguar Drive
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IGS MEETING LOCATION:

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