



June 2006

Los Angeles Basin Geological Society Newsletter

June 22 Meeting: Arthur R. (Dick) Brown

Will speak on

TOM DIBBLEE, FIELD GEOLOGY'S GRAND MASTER

Speaker Synopsis / Abstract

Thomas W. Dibblee, Jr. was the greatest of all field geologists in California and probably in America. Tom's vocation and avocation were singularly directed to mapping geology wherever he went. In his almost 80-year geology career Tom mapped some 565 quadrangle maps covering over 40,000 square miles, some fourth of the State of California. His first geologic map covered the family's historic Spanish land grant, Rancho San Julian, near Lompoc, California, which he completed while still in high school.

How could Tom Dibblee have mapped so much territory? He developed efficient techniques early in his career. Some of the techniques I observed when I was Tom's geologic field assistant in the early 1960s in the Mojave Desert, and later in the Palos Verdes Hills.

Tom kept his field gear simple. He carried his field maps and aerial photos for the day's mapping in a manila envelope, and that and a pencil in a light cloth bag. He folded each quadrangle map's borders so that the maps fit together along mutual edges to extend contacts and faults onto an adjoining map. He always had his hand lens on a chain around his neck, and he used it occasionally to check rocks. He carried a canteen and a rock hammer, too.

Tom used a Brunton only if the beds or foliation had low dips. In the Mojave, the foliations in the granitic and metamorphic rocks were generally fairly high, and he could estimate the dips within a few degrees. He also estimated strikes by the topography and in the late afternoon, by the angle of the sun on the horizon, because he knew at any given time of the year, how many degrees off of west the sun set. He always kept track of his location on the topographic map, but did not need to stop for triangulation measurements to locate. He kept note-making simple; his notes were made as an explanation on the border of the map, which was organized in order of the age of the geologic units. He did not use a separate notebook or take time for extensive note taking.

Tom made long traverses, many as long 12 miles. He generally planned his traverses to map along ridge tops and canyons. He would stop and sketch in distant contacts from a good viewpoint, and later check them when he covered that area. In this way he covered a lot of territory expanding from the known to the unknown. Each evening he inked his geology on the field map and planned the traverse for the next day.

There will be a session at the end of today's talk for Tom Dibblee remembrances.

Arthur R. (Dick) Brown is a registered geologist and certified engineering geologist, and for 27 years he has been a geological consultant in private practice in southern California. His education in geology includes a Bachelor's Degree from the University of Oklahoma (1958) and a Master's Degree from the University of California at Riverside (1968). His Master's thesis is entitled "Geology of a portion of the Southeastern San Jacinto Mountains, Riverside County, California," for which he mapped an area of high-grade metamorphic rocks, cataclastic and granitic rocks and defined the geological and structural history in that part of the San Jacinto Mountains.

Prior to becoming a private consultant in 1979, Dick worked for several local geotechnical firms in southern California. In his early career he worked for a variety of geological organizations, including the USGS, Kaiser Steel (exploring for metallurgical limestone in the San Bernardino Mountains), and Ebasco Services Inc. (mapping in West Virginia's Canaan Valley and along the Backwater River). While with the USGS in the early 1960s he was field assistant for several great field geologists, including W. Porter Irwin in the Klamath Mountains, Thomas W. Dibblee, Jr. in the Mojave Desert, and Dallas Peck in the Sierra Nevada. Dick's international experience includes 3½ years in Greece for the Public Power Corporation of Greece with Ebasco Services Incorporated, mapping and evaluating landslides and their impact on the Kastraki Reservoir in Western Greece. He stayed on in Greece as Geotechnical Manager of a feasibility study for the proposed Athens Metro with DeLew-Cather, Inc. After that he rejoined Ebasco to work on a Safety Analysis, as Quality Assurance Supervisor for a proposed nuclear power plant on Bataan Peninsula, Philippines, northwest of Manila Bay.

Dick is currently the program chairman and vice president of the Los Angeles Basin Geological Society. He has been active in other local professional geological organizations. For some 20 years he has been the vice president and a director of the Thomas W. Dibblee, Jr. Geological Foundation. He is a member of the South Coast Geological Society and was president in 1981. He was coeditor of the SCGS volume, "Geology and Mineral Wealth of the California Desert" (1980) and he edited the guidebook, "Geology of the San Jacinto Mountains." In 2004 Dick organized and led a fieldtrip and edited the guidebook entitled, "Palos Verdes Peninsula: Fabulous Geology in a Beautiful Setting," for the LABGS, and in 2000 he edited "A Day in the Field with Tom Dibblee in the Palos Verdes Hills, California". He is currently working on a volume about the Palos Verdes Peninsula to be published next year by the Pacific Section SEPM, for which he will lead a field trip to Palos Verdes this fall.

Time, Place, Cost and Reservations

Time:

Thursday, June 22, 2006

Typical Meeting Agenda

Lunch Served: 11:30 AM to 12:00PM

Announcements: 11:50 AM to 12:15 PM

Guest Speaker: 12:15 PM to 12:45 PM

Place:

The Grand at Willow Street Conference Center located at 4101 East Willow Street, Long Beach, CA. (562-426-0555). Take Lakewood Boulevard south from the San Diego Freeway (405), turn west onto Willow Street and turn right onto Grand Avenue at the sign for the Center. Park free in the garage structure.

Cost:

**Lunch and Speaker: \$20.00 with reservations
\$25.00 without reservations**
Student: \$ 5.00 (Lunch and Speaker)

Meeting Reservations:

Make your reservations using our web site at www.labgs.org, emailing iaburto@breitburn.com or calling Ivan Aburto at (213) 225-5900 ext. 234. **Reservations must be made prior to Tuesday** before the meeting, but walk-ons are always welcome.

Upcoming 2006 Speaker Schedule

June 22, 2006 – The speaker will be **Dick Brown** speaking on **"Tom Dibblee - Field Geology's Grand Master"**. Plus a session at the end for Tom Dibblee remembrances.

No summer meetings – Have a great summer!!!

**Next Meeting: this Fall on Thursday
September 28.**

If you have a speaker suggestion, please mention it to a Board member.

The exact titles for these talks may change. See the current Newsletter for the most complete info.

WE'LL BE THERE



Epoch is one of the energy industry's leading suppliers of wellsite data gathering systems. Our drilling instrumentation products, well-site reporting software and mud logging services are industry leaders, and myWells.com allows you to access that information anytime, anywhere. That means you can make more timely decisions that deliver efficiency and economy. If real time, accurate wellsite information is important to you, call Epoch. We'll be there.

EPOCH

3919 Rosedale Hwy. • Bakersfield, CA 93308 • 661.328.1595
www.epochwellservices.com • www.mywells.com

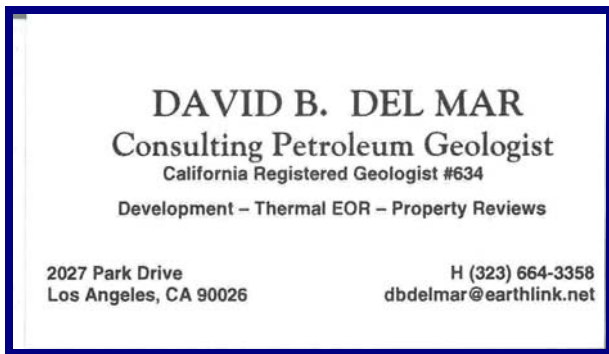
LABGS Future Meetings

Lunch meetings are held at *The Grand at Willow Street Conference Center in Long Beach, California*. Lunch starts at 11:30 AM.

LABGS and the 2007 AAPG Convention field trips

The LABGS has offered to lead five field trips in conjunction with the national meeting. If you have an interest and experience in field trips in the SoCal area please contact an officer to inquire about our needs. We are thinking of day-trips to these areas:

Catalina Island Geology
**The Deep LA Basin Geology in the
Santa Monica Mts**
Palos Verde Peninsula Geology
Los Angeles Urban Geology
**San Gabriel Valley Near Surface
Water Contamination Issues**



Announcements / Information

Student Recognition Awards

The Los Angeles Basin Geological Society offers two annual scholarship awards as a form of encouragement and recognition to those College students who show dedication and passion to the field of Geoscience. The two awards are the LABGS Brunton Award and the Don Clarke Award. It is our goal to help future geoscientists on in their pursuits. Both of these awards consist of a Brunton Compass and a wall certificate.

The LABGS Brunton Award

The LABGS Brunton Award is given to a qualified undergraduate student attending a four-year LA Basin College or University currently pursuing a baccalaureate degree in Geology or the Earth Sciences. **The 2006 recipient is Ms. Kathleen Nugal, a student at CSU-Dominguez Hills.** Ms. Nugal's award ceremony will be held at the June monthly meeting.

The Society is currently looking for qualified applicants for the 2007 award.

SELECTION PROCESS

The above award winner was selected from candidates nominated by a faculty member. The winner was selected based on the following criteria:

- Grade point average in earth science classes.
- An enthusiastic or special recommendation from the college advisor, department chair, or mentor professor

The Don Clarke Award

The Don Clarke Brunton Award is given to a qualified student graduating from an LA Basin Community College with an Associate Degree, enrolled in a Geology or Earth Science curriculum with plans to pursue a baccalaureate degree in Geology or the Earth Sciences. No award will be given in 2006.

The Society is currently looking for qualified applicants for the 2007 award.

To qualify for this LABGS award, the student must meet the following criteria:

- Plan to graduate in 2006 with an Associate Degree from a Los Angeles Basin Area Community College.
- Complete a Geology or Earth Science curriculum.
- Must be pursuing plans to enroll in a four-year college or university with Geology, Geological Sciences, or Earth Science as their designated major.

LABGS Publication List

1. Guidebook from the 2004 LABGS Field Trip Examining the Catalina Schist and the Palos Verdes Peninsula. **\$20.** The book is 179 pages and printed in color. **Out of Print.** If you are interested we will create a list until we have a sufficient number of requests. The 2007 National Convention might have a trip to the Palos Verde Peninsula.

2. Neotectonics and Coastal Instability, Orange and Northern San Diego Counties, California - CD VERSION from the 2000 PSAAPG and WRSPE Field Trip Guidebook. **\$28.**

For Information regarding these publications, contact Ivan Aburto – His email is accessible from our web site at www.labgs.org

Your Name Here!
Advertising in newsletters is available!
Advertising rates for a business card size ad is \$90 for one year (9 issues). These fees help

LABGS T-Shirts ON SALE

The LABGS sells T-Shirts to generate additional funds to help support our scholarship and field trip activities. The shirt display's the LABGS logo on the Back with the words "LA Rocks" on the Front. The Price for shirts are \$15.00 and available at our luncheon meetings or by contacting Ivan Aburto (see contact list in this newsletter). Sizes are limited to Medium, Large, and Extra Large.

Renew Your Annual Dues and Address Changes

The Pacific Section AAPG and LABGS operate on a fiscal year from July 1 to June 30. If you are a current member, you will receive a PSAAPG membership renewal notice this month in the mail. Please note, when you renew you are renewing for both LABGS and PSAAPG (for one low price of \$12).

If you haven't done so, take this opportunity to send in a check and update your mailing information. New directories will be printed in the winter of 2006 and will be included in your dues for the next fiscal year (the directory is one of the key benefits of joining the LABGS through PSAAPG).

Not a Member you say!!! Join and get on the LABGS Membership / Mailing List

Become a member of the LABGS and enjoy the benefits of membership. Our goal is to provide a value added service to the geologic community of the LA area at a reasonable cost. If you join the LABGS you also become a member of the PSAAPG and vice versa. The purpose of this is to reduce waste and duplicated effort. Check out the membership form for a list of the dual membership benefits. Membership is our primary source of income so I urge you all to join or renew. To join or renew, fill out the attached membership form and mail it in to PSAAPG or better yet bring it to the next meeting. This will ensure you are on our lists and the only way you can request a hard copy through the mail. The use of E-mail is our preferred method of distribution so please make sure we have your address.

President's Note

To all of our members,

In conjunction with this month's Tom Dibblee talk by Dick Brown, the LABGS will do a limited 1:1 matching of donations from members to the Dibblee Foundation in Santa Barbara. More info will be available soon on the program.

I am also honored to announce that the LABGS 2006 Brunton award will go to Ms. Kathleen Nugal. Ms. Nugal is a student at CSU-Dominguez Hills. The ceremony will take place at the June meeting.

We are also still searching to replace two individuals that have greatly contributed over the years to our Society. Our stellar Program Chair, Dick Brown, and Secretary, Ivan Aburto, are both leaving. If you have recommendations, or if you would like to place your name in the hat, please submit the name(s) to one of our officers.

Thanks!

Jon

Contact Us – The LABGS Board

President: Jon Kuespert (213) 225-5900
jkuespert@breitburn.com

Program Chair: Dick Brown (562) 598-0595
dickbrowngeo@adelphia.net

Secretary: Ivan Aburto (213) 225-5900, ext. 234
iaburto@breitburn.com

Treasurer: Steve Zigan, (949) 355-4467
szigan@eri-us.com

OUR WEB SITE ADDRESS IS:
www.labgs.org

**AAPG FOUNDATION
Energy Resources Library**

Your Information Bonanza!

- Literature searches
- Statistical reference
- Affiliated Societies' publications
- Interlibrary Loan
- Subject internet searches
- Document delivery

Fast, Reliable, Knowledgeable!

8:30-4:30 CST – Monday-Friday
<<http://foundation.aapg.org/library>>
1-800-364-2274 or 1-918-560-2620
library@AAPG.org



Your gift to The AAPG Foundation is an amazing opportunity. It allows you to guarantee three things: generations of students will get the kind of help that made your career possible; your Alma Mater will continue to educate the leaders in our field; and you will be supporting the AAPG Foundation in amassing this critical Digital Library.

Give to the Foundation Digital Products Alumni Fund today!

My one-time gift of \$12,500 to the AAPG Foundation will endow a university subscription at my Alma Mater, providing the entire online AAPG/Datapages Digital Library to students as long as it has a geology department.

Feature the following name prominently on the University's access page – the gateway to AAPG's Digital Library:

Include
Name of Endowment Honoree _____
University _____
Name _____
Street Address _____
City, State ZIP _____
Phone _____

For more information contact:

Attn: Rebecca Griffin
rgriffin@AAPG.org
(918) 560-2644
Toll-free: 1-888-945-2274 ext. 644

American Association of Petroleum Geologists
Foundation
P O Box 979
Tulsa OK 74101-0979
foundation.aapg.org



Los Angeles Basin Geological Society Membership Form

Join the LABGS and become a member of the Pacific Section AAPG all for one low price of \$12.00 per year - 2 West Coast Geoscience Organizations for the price of one



Membership Benefits

- LABGS Membership
- Monthly Luncheon Meetings with Strong Technical Programs
- Pacific Section AAPG Membership
- Pacific Section AAPG Bi-Monthly Newsletter
- Discounts for PSAAPG Bookstore Publications
- Bi-Annual West Coast Geoscience Directory - *next edition 6/03*
- Networking and Social Opportunities with Fellow Geoscientists

Current Annual LABGS/PSAAPG Dues

1 Year Option = \$12.00	\$
3 Year Option = \$36.00	\$

Extended E-Mail Announcement List Fees

To receive meeting notices from SJGS and CGS

1 Year Option = \$12.00	\$
3 Year Option = \$36.00	\$

PSAAPG Foundation Contributions

B. Hacker Publication Fund	\$
Martin Van Couvering Fund	\$
Dibble Map Foundation	\$
California Well Sample Repository	\$
John Kilkenny Scholarship Fund	\$
PSAAPG Foundation Trust Fund	\$

TOTAL PAYMENT

Total Amount Enclosed	\$
-----------------------	----

Essential Member Information

Last Name	_____
First Name	_____
Middle Initial	_____
E-Mail Address	_____
Mail Address	_____
Res or Bus ?	_____

Additional Directory Information

Employer	_____
Position / Title	_____
Bus Phone #	_____
Res Phone #	_____
Fax Phone #	_____
Spouse's Name	_____
Education	<i>Highest Degree</i> _____ <i>Year</i> _____
School	_____

Signature _____

Annual membership is handled through PSAAPG and runs from July 1, through June 30. If you are already a current member of PSAAPG and you selected LABGS affiliation you are already a member of the LABGS.

**Please Make Checks out to PSAAPG and mail along with member form to:
PSAAPG P.O. Box 1072, Bakersfield, CA 93302**