



Everglades Geological Society

BULLETIN

Volume 9, Number 9

May 2003

Meeting This Month: May 20, 2003

6:00 P.M. at the Calusa Center

(Social hour starts at 5:00)

This Month's Guest Speaker:

Dr. Len Vacher, University of South Florida

Topic: Quantitative Literacy, Drug Testing and the
Identification of Rocks

INSIDE THIS ISSUE

- 2 Announcements/News
- 3 President's Message
- 4 Minutes of Previous Meetings
- 5 Abstract and Biography
- 6 Picture of Caloosahatchee River Basin Festival Display
- 7 Advertisers

Everglades Geological Society
P.O. Box 61684
Fort Myers, FL 33906
<http://www.geocities.com/CapeCanaveral/1356/>

The Everglades Geological Society is an organization which seeks to promote interest in and understanding of Geology and the related Earth Sciences, and to provide a common organization for those individuals interested in geology and the related earth sciences. The Bulletin is a publication of the Everglades Geological Society, Inc.

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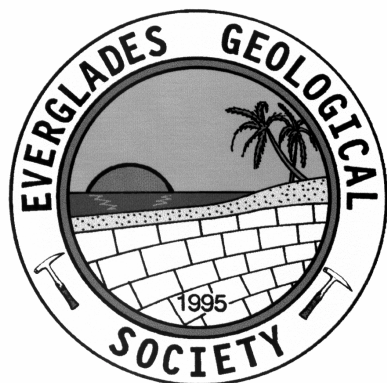
EGS Officers

Amy Tobias..... President
Julie Montano..... Vice President
Jack Breland..... Past President
Curtis Klug Secretary/Treasurer
Terry Bengtsson Editor
Duane Dungan Director
Clyde Dabbs Director

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EGS MEETING THIS MONTH TUESDAY May 20, 2003

The Calusa Nature Center

Classroom 208,
3450 Ortiz Ave
Fort Myers, Florida
(941) 332-4443

Members Come Join Us!

This year's lineup of guest speakers has been arranged thanks to our Vice-President, Julie Montano.

DATE	SPEAKER	TOPIC
5/20/03	Dr. Len Vacher USF	Quantitative Literacy, Drug Testing and the Identification of Rocks

Join Everglades Geological Society
*Application forms are available:
at meetings, by mail and on our web site.*
<http://www.geocities.com/CapeCanaveral/1356>

Note to Members:

Sign-in sheets will be at each meetings as attendance may be used for continuing education credits. Field Trip participation can also contribute continuing education credits.

President's Message

by



Amy Tobias
(tobiasae@cdm.com)

Dear EGS Members

EGS would like to congratulate Julie Montano, our Vice-President, on the birth of her son, Justin Anthony, on April 2nd. He weighed 7 pounds, 2.8 ounces. Congratulations, Julie!

Our EGS polo shirts have arrived, and they look great! I ordered extra shirts for those of you who did not have time to order one or for those who just want another. The cost of the shirt is \$25 with proceeds going to the scholarship fund, which will aid a Florida Gulf Coast University student in their science research. You can purchase your EGS polo shirt at the May 20th EGS meeting.

The 2003 EGS field trip was held May 2nd-3rd. Tom Scott of the FGS was generous enough to host another EGS field trip. Mike Weinberg and his wife, Dan Acquaviva, Duane Dungan, Aleta Mitchell-Tapping, and Jack Schindler attended. EGS members collected mastodon tusks and whale vertebrae among other fossils at the Dickerson Pit in St. Lucie County.

Lots of beautiful amber-colored calcite crystals were found at the Dickerson Pit and at the Ruck's Pit in Okeechobee County.

If you have not already sent in your ballot for the 2003-2004 EGS officer nominations, please do so. These will be tallied at the June EGS picnic, and newly elected officers will be presented at the picnic.

The EGS 2003 picnic is scheduled for Saturday June 7th at Bowditch Park on Fort Myers Beach from 10am to 2pm. There will be lots of food, drinks, and activities (frisbee, collecting shells along the beach, etc.). For those who are interested, we will head over to Lanai Kai after the picnic. There are rooms available at Lanai Kai and the neighboring Beacon Motel in case some of you would like to spend the night.

Please mark your calendars! Our last scheduled EGS meeting for the 2002-2003 club year is on Tuesday May 20th at 5pm at the Calusa Nature Center (side entrance, classroom 208). Our speaker is Dr. Len Vacher of The University of South Florida in Tampa. He will be discussing quantitative literacy. Math and science teachers have been invited from 15 high schools in the area. Our goal is to have an open discussion between professional scientists, math teachers, and science teachers regarding quantitative literacy, and how we can better educate students by combining math, science, and real life quantitative problem solving.

Amy Tobias



May, 2003 Board Meeting Minutes

The May Board meeting of the Everglades Geological Society was held on Friday May 9, 2003 at the French Connect. The meeting started at about 5:56 pm and was attended by President Amy Tobias, Past President Jack Breland, Secretary/Treasurer Curt Klug, Editor Terry Bengtsson, and Gordon Kennedy. Curt verified that the thank you letter for the contribution to the scholarship fund had been sent out to Ardaman and Assoc. Membership recruitment letters compiled by Duane Dungan had also been sent by Curt to AAPG members in the Fort Myers area. It was noted that the annual financial statement is due in the May Bulletin and Curt said he would try to get that submitted. Curt has the remaining Polo shirts and will bring those to the May meeting for distribution. Amy had sent the draft of the scholarship letter to Dr. Mike Savarese at the Florida Gulf Coast University and is awaiting a response on that. Amy noted that Duane Dungan has the remaining liquid refreshments and will bring those to the May meeting. Curt will bring other snacks. The location of the annual picnic was discussed with a likely candidate being the shelter area at Bowditch Point and possible overnight accommodations at the Beacon Motel on Fort Myers Beach. Jack Breland suggested compilation of a field manual as a possible source of revenue generation. It was decided that the ballots would be counted at the annual picnic and that the deadline for ballot submission would be extended to June 1, 2003. Curt brought up the possibility of generating funds to be used to bring in distinguished lecturers to improve attendance at the general meetings. A possible source of the revenue would be to increase membership dues. The possibility of reduction of the number of meetings to 4 per year was also discussed. No votes were taken at this meeting.

April, 2003 General Meeting Minutes

The March meeting of the Everglades Geological Society for 2003 met on March 18th at the French Connection. The meeting was attended by six people.

First Notice

Dues are Due

Membership Dues for the Everglades Geological Society for 2003 are \$15.00 for Active Members and \$7.50 for Associate and Emeritus Members

Make checks payable to: Everglades Geological Society and mail to:

Everglades Geological Society
P.O. Box 61684
Fort Myers, FL 33906

MAY ABTRACT

Quantitative Literacy, Drug Testing and the Identification of Rocks

Dr, Len Vacher, University of South Florida
Tampa, Florida

As author of the column "Computational Geology" in the Journal of Geoscience Education, Dr. Vacher has become the representative of geology in various national efforts to promote quantitative literacy, the intersection of mathematics and everyday context. A featured speaker at workshops on the intersection of geology and quantitative literacy, he will speak on that subject in order to promote the notion that professional geologists can play a role in addressing a national problem: the low level of quantitative literacy fails both the needs of the workplace and the requirements of informed and discerning citizenship.

BI OGRAPHY

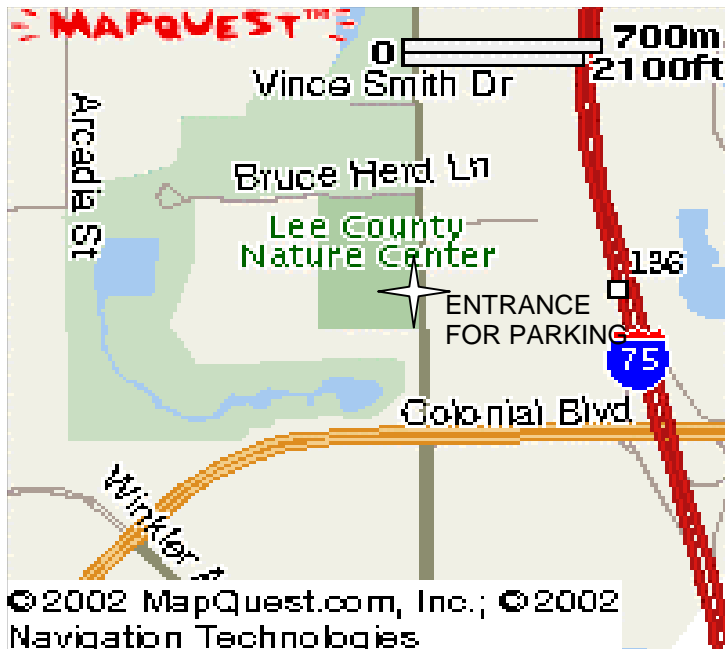
Len Vacher (PhD, Northwestern University, 1971) joined the USF Faculty in Geology in 1983 after teaching nine years at Washington State University. His research specialty is the hydrogeology of tropical carbonate islands. He supervises the Internship MS program in hydrogeology at USF and three PhD candidates (and a fourth starting in the Fall) on various aspects of groundwater flow in the Florida platform and Florida karst. He is a Fellow of the Geological Society of America and a member of the Mathematical Association of America and the National Council of Teachers of Mathematics.

EGS Display at the Caloosahatchee River Basin Festival



Everglades Geological Society

Meets on the Third Tuesday of each month at the Calusa Nature Center at 3450 Ortiz Ave., Florida. Social hour starts at 5:00 PM. The meeting begins at 6:00 PM. No meetings are held in July or August



EGS CALENDAR 2003

May 20 Meeting
June 7 Picnic

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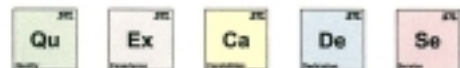
L. Duane Dungan, P.G., C.P.G.
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