

Fossil Club of Lee County

March, 2010

Message from the President



Spring Greetings to all and big welcome to our new members! We hope our new people will enjoy being part of a great club and think of it as "their club". We are glad you joined. This month we will hold our Annual Auction and we would like everyone to participate. The auction is our biggest fund raising event for the year and we use most of the proceeds for scholarship grants to universities for deserving students pursuing advanced degrees in paleontology. In addition to raising money, the auction gives our members an opportunity to acquire some great specimens for their personal collection at reasonable costs. The auction will be held at the Zion Lutheran Church Fellowship Hall on Winkler Road in Fort Myers. Directions are provided in the "Auction" article in this newsletter. And, if all else fails, call me or one of the other officers for directions. Don't miss out on this event and thanks in advance for your support. Since we have several new members, we want to let you know that your club has a permanent fossil display at the Imaginarium and one at the Calusa Nature Center. The display specimens were donated by some of our long time members and we commend them for their generosity and community spirit. Visit these places when you get a chance. We must say a few words about last month's presentation given by Dr. Robin C. Brown. It was a great program and everyone was hanging on to his every word as he proceeded to tell us all about the mammoths of yore. Thanks for a great presentation! Don't forget to go on daylight saving this month---it will give us more time to hunt for fossils! I am looking forward to seeing everyone at 6 p.m. on March 18th. Bring your camera, your money, and a tote bag. Best regards, Bill

Next Meeting

Our next meeting will be held on, March 18, at 6:00 p.m. at the Zion Lutheran Church Fellowship Hall, Ft. Myers.

Officers

Bill Shaver, President (239)834-0694 / billshaverpeaceriver@hotmail.com

Al Govin, Vice President (239)910-2339

Ray Seguin, Treasurer, 939-1921 or 936-5019

Sharon Drake, Secretary, (239) 823-9052

Board Members

Director—Louis Stieffel, 458-9818

Michael Orchin, 574-6318

Sandy Schwartz, 772-8015

Trip Director, Bill Shaver

Dive Trip Director, Mike Siciliano , 980-1406

Committees

Speakers: Bill Shaver

\$1.00 Raffle: Mike Siciliano

Auction: Louis Stieffel

Web Master: Curtis Klug

Pit Trip Director: Gunther Lobish

CLUB ELECTIONS

HELP WANTED

HELP WANTED

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Bill Shaver

Please pay at March Meeting

Www.fcolc.com

NEW MEMBERS

Kate Decker



For inspiration ~ If you have knowl-
edge, let others light their candles in
it! ~ Margaret Fuller

WEB SITES & LOCATIONS OF INTEREST

Fossil Club of Lee County: <http://www.fcolc.com>

Museum of Natural History @ Gainesville: <http://www.flmnh.ufl.edu/>

Florida Vertebrate Fossil Permit: <http://flmnh.ufl.edu/natsci/vertpaleo/vppermit.htm>

Southwest Florida Fossil Club: <http://www.southwestfloridafossilclub.com>

Orlando Fossil Club: <http://www.floridafossilhunters.com>

PEACE RIVER WATER LEVELS:
<http://www.canoeoutpost.com>

Smithsonian Natural History Museum: <http://www.mnh.si.edu>

Florida Fossil Clubs: <http://www.fossil-treasures-of-florida.com>

PICKING UP ISOLATED NATIVE AMERICAN ARTIFACTS: <http://dhr.dos.state.fl.us/archaeology/underwater/finds>

Contact Cheryl at kayak-peaceriver@yahoo.com if you have any suggested additions to our web site in the interest column. Please help support the newsletter by submitting appropriate articles for publication.

Calusa Nature Center and Planetarium Calusa Nature Center and Planetarium
3450 Ortiz Av, Fort Myers
Tel 239-275-3435
www.calusanature.com

Imaginarium
200 Cranford Av, Fort Myers
www.cityftmyers.com/imaginarium

Southwest Florida Museum of History
2300 Peck St., Fort Myers
www.swflmuseumofhistory.com

The Bailey-Matthews Shell Museum
3075 Sanibel-Captiva Rd, Sanibel, FL
www.shellmuseum.org

Randell Research Center
PO Box 608, Pineland, FL
(on Pine Island)
www.flmnh.ufl.edu/RRC/

Six Mile Cypress Slough Preserve
Six Mile Cypress Drive (Between Daniels and Colonial) www.sloughpreserve.org

Cracker Museum at Pioneer Park in Zolfo Springs, FL
Tel 863.735.0119

Lost in Time, St. Pete Pier, St. Petersburg, FL
Tel 727.823.7493

Peace River Wildlife Center
3400 West Marion Avenue (Ponce De Leon Park)
Punta Gorda, Florida
Www.peaceriverwildlifecenter.com

Cape Coral Friends of Wildlife Burrowing Owls
<http://www.ccfriendsofwildlife.org>



ABOUT REFRESHMENTS

Thanks to Leslie and Louis Steiffel and Pat and Don Legree for providing refreshments for the February meeting. The March refreshments are being provided by a group of club members who go by the name of the Barefoot Beach Combers. Thanks to all of you in advance.

The club would appreciate volunteers for APRIL and MAY refreshments. A sign-up sheet will be available at the March (Auction) meeting for you to sign up. Bill

REFRESHMENT ASSIGNMENTS

MAY: Need volunteers



These are poems in which each word starts with a letter of the alphabet in normal order.

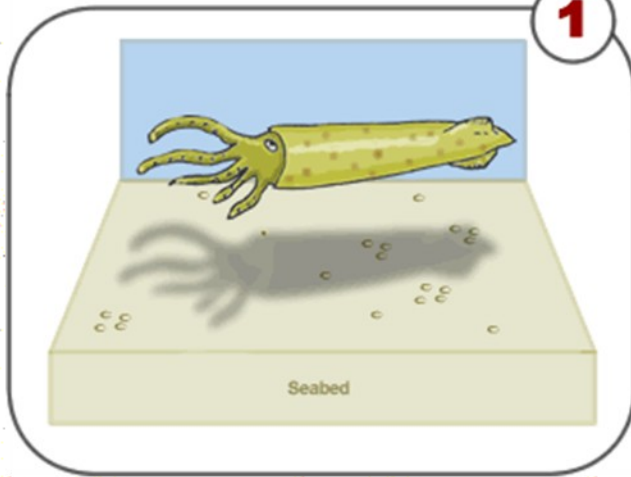
Sophistication

Peace River - tentatively late March

March Annual Auction

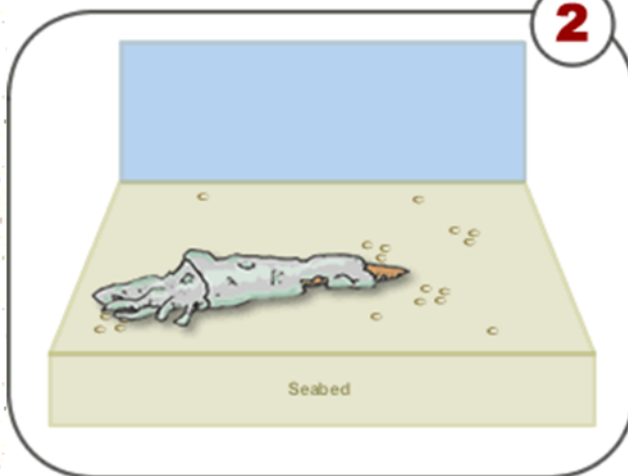
HOW ARE FOSSILS FORMED?

1



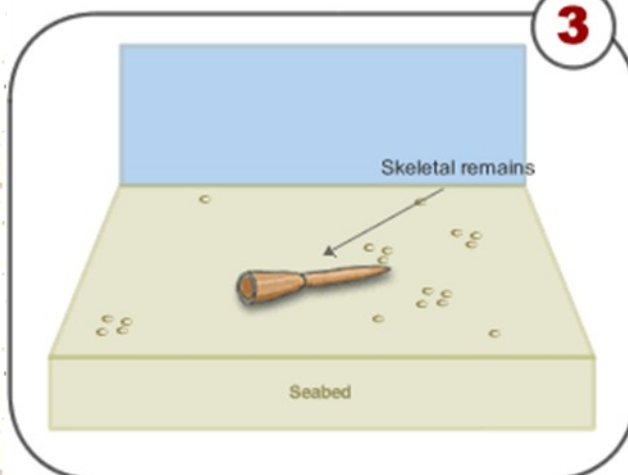
An extinct squid-like belemnite swimming in the sea of the Jurassic period, some 150-200 million years ago.

2

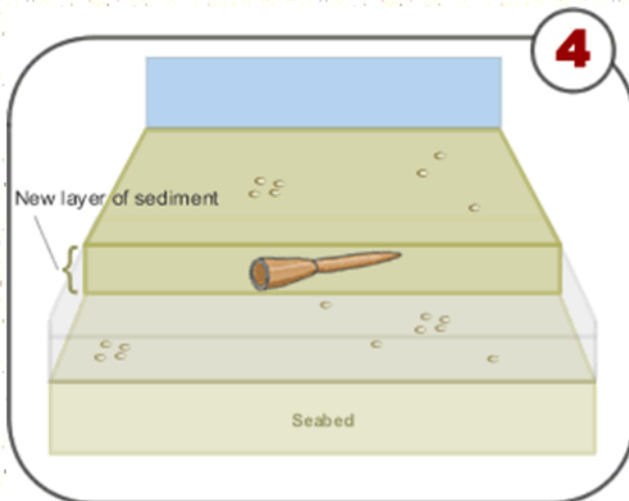


Following death of the animal, its carcass sinks to the sea floor, there to be fed upon by scavenging animals and decomposed by bacteria.

3

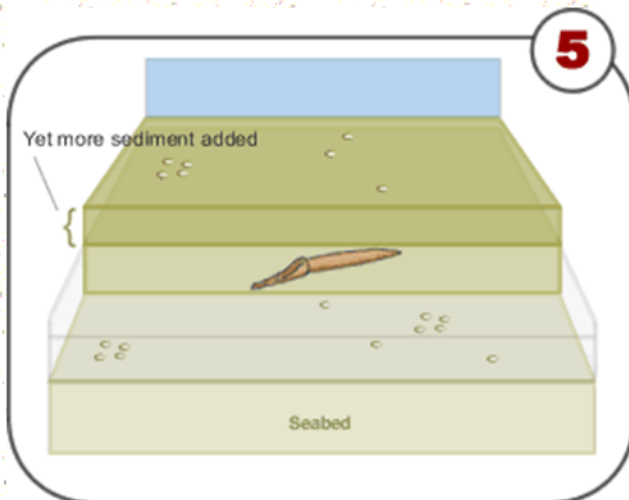


Eventually only the hard internal skeleton made of calcium carbonate is left, and this too may disintegrate given sufficient time.



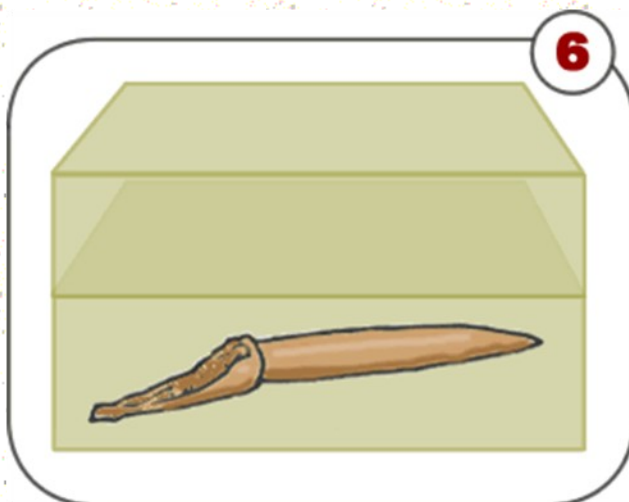
4

However, a storm, for example, could sweep in a cloud of mud which becomes deposited as a layer over the remains of the belemnite.



5

As further layers of sediment are deposited through hundreds, thousands or even millions of years, the belemnite becomes ever more deeply buried. Water is driven out of the sediment a mineral cement develops, and the sediment becomes a sedimentary rock.



6

Fragile parts of the belemnite may become crushed and the chambered part of the skeleton, which is made of a soluble mineral called aragonite, often dissolves, leaving only the guard composed of a more chemically resistant mineral called calcite.

Florida Fossil Permit Application

This application is for a permit that will entitle the person named on the permit to collect, for the period of one (1) year, vertebrate fossils on land owned or leased by the State of Florida. The permittee must abide by all the provisions contained in Florida Statutes § [1004.575-576](#) and the University of Florida Regulation implementing this law. Persons who already have a permit and wish to renew it for an additional year should not use this form. They should follow [these instructions instead](#).

Print out and mail completed application to: Program of Vertebrate Paleontology, Florida Museum of Natural History, University of Florida, Gainesville, Florida 32611-7800, USA

The following must be enclosed with the filled-out application:

1. Photocopy of applicant's identification document (i.e., driver's license, birth certificate, or passport).
2. Check or money order for \$5.00 in U.S. currency payable to the Program of Vertebrate Paleontology. If you are sending two or more applications, just send one check for the total amount, not multiple checks of \$5.

PLEASE DO NOT SEND CASH.

Applicant's Full Name (must match that on identification document):

Complete Mailing Address (include zip code):

Telephone (include area code):

E-mail address (optional):

I, the undersigned, affirm that I will abide by Florida Statutes § 1004.575-576 and the Regulations of the Program of Vertebrate Paleontology, University of Florida Rule 6C1-7.541 F.A.C.

Signature:

Date:

FLORIDA VERTEBRATE FOSSIL PERMIT: <http://flmnh.ufl.edu/natsci/vertpaleo/vppermit.htm>