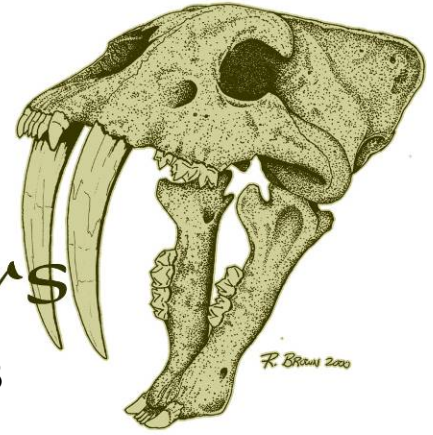


# NEWS

## Florida Fossil Hunters



Florida Prehistorical Museum, Inc. dba/ Florida Fossil Hunters  
Volume 23, Number 8

September 2013

### From the President.....

We had a great meeting in August, Guest speaker, John McIntosh from Ancient Artifacts gave a great presentation on the fossils of Solnhofen, Germany. The pictures and fossils he brought were fantastic. If you missed him, you'll see him at the Fossil Fair or you can stop by his store on Fairbanks Ave. in Winter Park.

Bonnie did a fantastic job on teaching about the earliest of animals and there was plenty to see, touch, do and learn. We had a full room turnout. Thank you, everyone, for making the meeting fun for all.

The busy season is here.... time for getting the word out to everyone about our Fossil Fair on October 5th and 6th. Always plenty of room for volunteers. If you haven't signed up yet, email Bonnie.

As you saw in last month's newsletter, the club will be at the Daytona Beach Museum of Arts and Sciences on Saturday, Sept. 21st. And the week after that on Sept. 28th, we'll be at the Orlando Science Center for Fossil Day and the debut of Jurassic Ridge...their new kids dig experience.

These are the kind of events that make our club stand out. Bonnie & I will have fossils. Any and all members are welcome to come out and share their own experiences and their favorite fossil with the guests. (Remember: fossil bucks for volunteering).

There will be no meeting this month at the Science Center since we'll be doing events on those Saturdays. However, there will be sign-up sheets for volunteering at the Fossil Fair at both of the Sept. events.

**The most important is our Fossil Fair on October 5th & 6th.**

Come join the fun.

Russell Brown  
President

**Sept 21**

National History Day at the Daytona Beach Museum of Arts & Sciences

**Sept 28**

Fossil Day and "Science Nite Live" at the Orlando Science Center

**Oct 16**

"Fossils at the Shore" at Cape Canaveral National Seashore to celebrate National Fossil Day

**Nov 2**

Neanderthal Ball at the Orlando Science Center

Details  
Inside

## Coming Events

### UPCOMING MEETINGS at the Orlando Science Center

**Sept. 28th**

No Meeting

**Oct. 5th & 6th  
Fossil Fair**

**November 16th**

2 pm - Kids' Fossil Blast

3 pm - meeting

*More events listed on back page*

*For more info...*

[www.floridafossilhunter.com](http://www.floridafossilhunter.com)

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# Florida Fossil Hunters News

# Fragments

## **Peace on the Peace**

Peace River continues to be too high for digging and sifting. But we'll have plenty to keep us all busy the next couple months with all the events. Hopefully the water levels will be lower by the end of October.

## **Vulcan Mine - Good News/Bad News**

Good and bad news to report. If you were unable to attend August's meeting to hear the news. We received an email from Alan Pagels at Vulcan Materials and, as their business is picking up, they will be unable to continue fossil hunting there.

I know this is a hard hit for all who have been there in the past. But Alan also said maybe one day, as time goes on, this may change.

A lot of you old-timers who've been around know that Vulcan Materials has been and will continue to be a community-outreach company. We are grateful for all the great times we've shared there.

Bonnie will have a card at all the meetings/events until the end of this year. I ask that if you've been to Vulcan Mine that you sign it as a "Thank you".

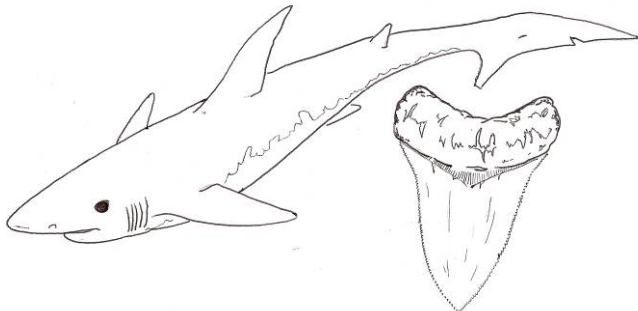
When I hear different, I'll let you know.  
Live long and prosper. Russell Brown

## Kids' Fossil Blast

On August 17th, we all got to journey into the ancient world and learn about the early animals that lived in the seas.

Our next Kids' program will be on Saturday, November 16th when we will explore some of those other ancient creatures - SHARKS!

Kids' Fossil Blast is a casual learning experience, aimed at kids ages 5 to 13 with pictures, real fossils, and casts. It's held about 6 times a year.



## **Orlando Science Center, Sept. 28th**

### **Fossil Day**

Want to share the excitement of fossils and fun of finding them with other people? Come out and join us on Saturday, Sept. 28th from 10 am to 5 pm. Russell and Bonnie will bring most of the fossils and Bonnie will give a presentation on the earliest of creatures to inhabit the Earth.

This is how some of you found out about the Florida Fossil Hunters and this is your opportunity to "pass it on". We also hope that we can encourage the visitors to this event to come to our Fossil Fair on Oct. 5th & 6th. In addition, you will earn fossil bucks for the December Auction. To volunteer, email Bonnie at [bonnierussell62@gmail.com](mailto:bonnierussell62@gmail.com) or call her at [352-429-1058](tel:352-429-1058) before 9 pm.

### **OSC - Science Night Live**

For those of you who are night owls, come to the Science Center in the evening for their Science Night..... an adult (21 & older) science experience with food and beverages. This is a fun way to meet like-minded adults.

Valerie will have her fossil display set up in Dino Digs and be talking to the guests about fossils and how animals change over time.

There are plenty of fossils in the display cases there to show the guests as well.

To volunteer, contact Valerie or Bonnie.

### **OSC has a new exhibit: Jurassic Ridge**

This new experience inside of Dino Digs is large enough to allow 20 people to dig inside at once. You will be able to don your safari hat and vest, and explore the terrain. There are five skeletons from the Jurassic Period to unearth, including a full Stegosaurus skeleton. Tape measures and field guides will be available to map out and find specific skeletons within the dig pit.

### **Brevard Zoo - \$2 Tuesdays**

Brevard Zoo is charging only \$2 each Tuesday in September. That's a real bargain!

For those of you with kids in Seminole County, the kids have a school holiday on Tuesday, September 17th.

Now, all you have to do is figure out a way to get off work.

For more info, go to [www.brevardzoo.org](http://www.brevardzoo.org) or call [321-254-9453](tel:321-254-9453)

**More  
Fragments**  
Page 5

# Come one! Come all..... to the 2013 FOSSIL FAIR

This is our club's big opportunity of the year to meet lots of folks who share their interest (or obsession) for fossils and prehistory and maybe even show them how they can enjoy it even more by joining our group..... hearing speakers, going on field trips, seeing what other folks have found/bought and how to identify fossils.



## Areas to Help at the Fossil Fair

- see August Newsletter for descriptions of all of these areas: Admissions Table, Kids' Dig Pit, Silent Auction, Membership Table, Fossil Display Area, and Setting up, Bring Food!, Donations for the Kids' Pit and Silent Auction and Security.

You can sign up at our September events. If you have questions, please email us at [bonnierussell62@gmail.com](mailto:bonnierussell62@gmail.com) or phone us at 352-429-1058 between 7 pm and 9 pm.

## 2013 Florida Fossil Hunters Tee Shirts

Here's the art proof of this year's club tee shirts. The design is another one of Russell's incredible creations and features Rhizosmilodon fiteae, the latest sabre-cat species to be officially recognized. (visit our Fossil Fair page on the website to see a larger version)

The regular adult tee shirts will be a stone-washed blue. The pocket tee shirts will be a "Gator" orange. The kids' shirts will probably be Carolina Blue.

We will only print a limited number of shirts. You can order them at the by emailing Bonnie at [bonnierussell62@gmail.com](mailto:bonnierussell62@gmail.com) or calling 352-429-1058.

## 2013 Fossil Fair - T-Shirt Order Form

**IF YOU WANT A SHIRT, WE MUST RECEIVE YOUR ORDER FORM BY SEPTEMBER 15TH.**

Name: \_\_\_\_\_ Email or phone#: \_\_\_\_\_

**Mark the number of shirts you want per size.**

**Kid Small** \_\_\_\_\_ **Kid Med** \_\_\_\_\_ **Adult Small** \_\_\_\_\_ **Med** \_\_\_\_\_ **Lg** \_\_\_\_\_ **XL** \_\_\_\_\_ **2X** \_\_\_\_\_

**Adult w/Pocket-** **Small** \_\_\_\_\_ **Med** \_\_\_\_\_ **Lg** \_\_\_\_\_ **XL** \_\_\_\_\_ **2X** \_\_\_\_\_

Total number of shirts ordered \_\_\_\_\_ @ Adult shirts & youth shirts: \$11 ea. Shirts with pockets: \$13.

# Florida Fossil Hunters News

## *Fossil Fair Flyer*



## More Fragments

### 10th NORTH AMERICAN PALEONTOLOGICAL CONVENTION



#### FLORIDA MUSEUM OF NATURAL HISTORY

10th North American Paleontological Convention  
**February 15 - 18, 2014 | Gainesville, FL**

We are pleased to announce that the 10th North American Paleontological Convention (NAPC) will be held in Gainesville, Florida, in February 2014. The meeting will be hosted by the Florida Museum of Natural History (University of Florida) from February 15th through 18th (Saturday through Tuesday). Pre-conference and post-conference field trips are tentatively planned for February 13th - 14th and 19 - 20th, respectively.

For more info go to: <http://www.flmnh.ufl.edu/napc/symposia.htm>



#### Florida Paleontological Society

##### "Fossils at the Shore" - Canaveral National Seashore

Come join us on **Wednesday October 16th 2013** to celebrate this year's National Fossil Day. Travel through time to learn about pre-historic animals. Hear guest lecturers talk about Florida's prehistoric past. See Florida museum fossils from around the world. Speak with paleontologists and bring your fossils for identification.

Location: Canaveral National Seashore, Apollo Visitor Center, **7611 S. Atlantic Avenue, New Smyrna Beach, Florida**

Time: **9 a.m. to 2 p.m.** (park hours 6 a.m. to 6 p.m.)

Cost: Free with park entrance fee (Cars - \$5.00)

Activities: Speakers, Fossil Giveaways, Fossil Displays, Junior Paleontologist Program...

Sponsored by: Florida Paleontological Society, Florida Geological Foundation, Florida Fossil Hunters, Florida Museum of Natural History, Toomey Foundation for the Natural Sciences, National Park Service

The Florida Fossil Hunters, along with the other sponsors, are helping to make three Fossil Education Kits to be used at different National and State Parks in Florida.

FPS and the Florida Fossil Hunters are supplying display fossils for the event. (yes, Bonnie & Russell are bring their fossils). Please come out and help us at the Seashore.

Email [bonnierussell62@gmail.com](mailto:bonnierussell62@gmail.com)  
or call [352-429-1058](tel:352-429-1058) before 9 pm.

#### **Daytona Beach Museum of Arts & Sciences - Natural History Day**

Last year's event was a real hit, so the Museum is again having a Natural History day on Saturday, Sept. 21st, from 10 am to 3 pm. In addition to displays at the Museum....including the fossil skeleton of the Giant Ground Sloth complete skeleton as well as the mammoth fossils found recently.... participants will be: the Florida Fossil Hunters, Tomoka Gem & Mineral Society, Halifax Audubon Society, Lynonia Preserve, Marine Discovery Center, and more.

There will be presentations at 11 am and 2 pm by Dr. Kathleen Lyons, Dept. of Paleobiology at the Smithsonian.

At 1 pm Dr. Rachel Wentz, Regional Director of the East/Central Florida Public Archaeology Network, and author of "Life and Death at Windover: Excavations of a 7,000-yr.-old Pond Cemetery" will give a presentation.

Directions from I-4 - Take to Rt. 400 exit (Beville Rd.) Go east to Nova Rd. Turn left onto Nova Rd. The Museum entrance is approximately one mile on the left. Address: 352 South Nova Rd., Daytona Beach, FL 32114

Russell and Bonnie will be bringing the fossils. If you'd like to volunteer for a couple hours at the club's tables, you won't have to pay admission to the event.

For visitors, admission is: \$10.95 for seniors and students; \$12.95 for adults; kids (6-17) \$6.95. Of course, members of the Museum get in free, as well as kids 5 and under.

# Gainesville Fossil Sharks

*As we go through the story of discovery in Gainesville, we'll take a break and see what we have... shark-wise.*

These teeth are of Miocene age (approx 24 to 5 MYA)

Carcharocles megalodon

Carcharocles chubutensis

Extinct Mako: Isurus hastalis

Isurus retroflexus

Isurus desori

hemipristis serra - Snaggletooth

Tigers: Galeocerdo aduncus - extinct tiger

Galeocerdo cuvier - modern tiger

Physogaleus contortus, sp. 1

Physogaleus contortus, sp.2

Requiem: Carcharhinus leucas - Bull

" obscurus - Dusky

" limbatus - Blacktip

" plumbeus - Sandbar

" acronotus - Blacknose

" egertoni - Extinct Requiem

" perezi - Caribbean Reef

" falciformis - Silky

" signatus - Night

" brevipinna - Spinner

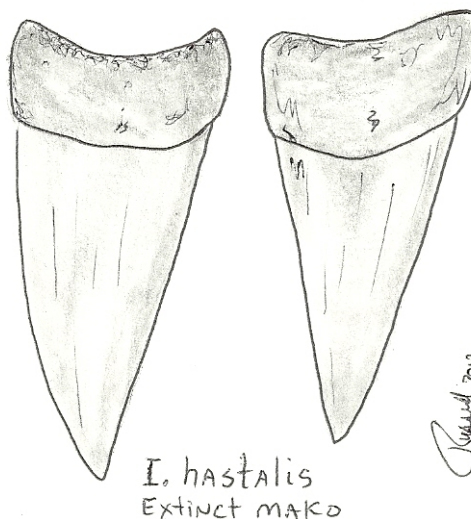
Negaprion eurybathrodon - Lemon

Sphyrna sp. - Hammerhead

Rhizoprionodon terraenovae - Sharpnose

Alopias sp. - Thresher

Notorynchus primigenius - 7 Gill Cow Shark



Sure there are some probably missing, but these I have found through the years. It's strange that I haven't come across a White Shark. but they were suppressed by the Megalodon. Not until the extinction of these giants, did White Sharks become more abundant.

The I. hastalis, Mako sharks, from Little Hatchet look narrower than elsewhere in the State. Some are probably lateral (side) teeth, but surely not all of them. The absence of Sand Tigers, Carcharias sp. is another mystery. Could be the environment at that time was not to their liking.

It's still always thrilling for me to find sharks' teeth wherever I can.... when I can.

In November, for the Kids' Fossil Blast and into the regular meeting, "Sharks" will be the theme. Bring in your sharks' teeth to show off. I'll be bringing a "little" of my personal collection, and we'll talk sharks, along with other business.

Russell Brown

# Florida Fossil Hunters

is a fun and educational group whose goal is to further our understanding of the prehistory of Florida. We encourage family participation and welcome explorers of all ages.

Membership is \$17 per year. Other household members may be included at no charge.

Meetings are usually held on the third Saturday of the month but may vary with club activities. Check the website for the date and location of the next meeting or call one of the officers.

**Officers:**

President	Russell Brown	(352) 429-1058
Vice President	Dave Dunaway	(407) 786-8844
Secretary	Bonnie Cronin	(352) 429-1058
Treasurer	Sara Morey	(619) 302-4863

**Chairs:**

Education	Bonnie Cronin	(352) 429-1058
Field Trips	<b>OPEN</b>	
Fossil Fair	Valerie First	(407) 699-9274
Fossil Auctions	Dave Dunaway	(407) 786-8844
Fossil Bucks	Dave Dunaway	(407) 786-8844
Fossil Lotto	Ed Metrin	(407) 321-7462
Auctioneer	Roy Singer	(407) 645-0200
Membership	Bonnie Cronin Nicole Barr	(352) 429-1058
Newsletter	Bonnie Cronin	(352) 429-1058
	Elise Cronin-Hurley	(407) 929-6297
Photography	John Heinsen	(407) 291-7672
Webmaster	Elise Cronin-Hurley	(407) 929-6297
	elise@lisedreams.com	

**Board of Directors:**

Melissa Cole	(407) 834-5615
Ed Metrin	(407) 321-7462
Dave Cass	(407) 409-9095
Shelley Zimmerman	(407) 891-1260
Marge Fantozi	
Marcia Wright	

# Membership Application

Names: \_\_\_\_\_

Associate Members: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_ Zip: \_\_\_\_\_ Phone: \_\_\_\_\_

e-mail: \_\_\_\_\_

\_\_\_\_ New \_\_\_\_ Renewal

Please list any interests, experience, talents or just plain enthusiasm, which you would like to offer to the club:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Membership is \$17 per year. Our membership year runs from January to December. All renewals are done in December and January.

**Please make your checks payable to:**

Florida Fossil Hunters  
Post Office Box 540404  
Orlando, Florida 32854-0404

*Associate members are people in the same household, included at no extra charge, 2 adult votes per household.*

# Newsletter Policy

Articles must be submitted by the first of the month to be included in that month's newsletter. These can be mailed to the above Post Office Box or e-mailed to: bonnierussell62@gmail.com . Articles can be sent as text in the e-mail or in Microsoft Word files (.doc or .docx).

*Please note in subject of email 'FFH'.*

**Florida Prehistorical Museum, Inc.**  
**dba/ Florida Fossil Hunters**

# Florida Fossil Hunters News

# Florida Fossil Hunters Mark Your Calendar

See inside for more information on events.

## September 21st

Daytona Beach Museum of Arts & Sciences "Natural History Day"

## September 28th

10:00 am to 5:00 pm  
Fossil Day at Orlando Science Center

No September Club meeting

8:00 - 11:00 pm  
OSC Science Nite Live

## October 5th & 6th

FFH Fossil Fair

## October 16th

National Fossil Day

**November 2nd**  
OSC Neanderthal Ball

**November 16th**  
2 pm - Kids' Fossil Blast  
3 pm - meeting

## Be Green

Email Bonnie at [bonnierussell62@gmail.com](mailto:bonnierussell62@gmail.com)  
to receive the newsletter via email.



Join Our Facebook group, Search:

[Florida Fossil Hunters](#)

facebook

Visit us online at [www.floridafossilhunters.com](http://www.floridafossilhunters.com)

Articles and comments should be sent to: [bonnierussell62@gmail.com](mailto:bonnierussell62@gmail.com)

## Florida Fossil Hunters

Post Office Box 540404

Orlando, Florida 32854-0404



# Florida Fossil Hunters News