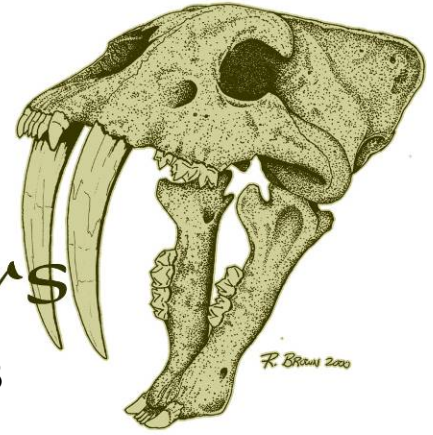


NEWS

Florida Fossil Hunters



Florida Prehistorical Museum, Inc. dba/ Florida Fossil Hunters
Volume 23, Number 7

August 2013

From the President.....

Hope everyone is having a great summer.

We've got a great meeting planned for Saturday, August 17th. John McIntosh will be giving a presentation on the fossils of the Solnhofen Limestone in Germany (most known as the place where the archaeopteryx fossil was found). A lot of you know John as a vendor at our Fossil Fairs and as the owner of Ancient Artifacts in Winter Park. For over 50 years he has been a collector of fossils, artifacts, ancient coins. He's even certified in underwater archeology. His enthusiasm for sharing the knowledge of the past is exemplified by the many talks he has given over the past 25 years at public schools, and to fossil and mineral clubs as well. It's sure to be an interesting talk.

The **Kid's Fossil Blast at 2 pm on August 17th**, will be on the creatures of the ancient seas. See the details inside this newsletter.

Fall is fast approaching.... the time of year when we really live our motto of "Collecting, Preserving and Educating"... educating the public about the thrill of discovery, especially of Florida's past. We'll have plenty of opportunities to do just that at the events coming up:

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

All of you were terrific at last year's Fair and we really need everyone to pitch in and give a hand again. We'll have volunteer sign-up sheets at our meetings and events. Be sure to give out Fair flyers to the people you know and especially to scout groups, summer camps, libraries, schools, etc. You can download a flyer off our website or pick some up at our August meeting.

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

We need volunteers at all the events to get the word out to the public about our Fossil Fair and Earth's glorious and fascinating past. We met a lot of you at events like these. And remember, not only do you get the fun of introducing people to the wonders but you also earn fossil bucks for volunteering to spend at the December auction.

Russell Brown, President

Coming Events

UPCOMING MEETINGS at the Orlando Science Center

August 17th

2 pm Kids' Fossil Blast
3 pm Meeting

Sept. 28th

DATE CHANGE
Time TBA 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

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Fragments

National Fossil Day, October 16 "Fossils at the Shore"

Celebrate National Fossil Day at the Canaveral National Seashore, Apollo Visitor Center, 7611 S. Atlantic Ave., New Smyrna Beach, from 9 am to 2 pm (park hours are 6 am to 6 pm).

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

Activities will include speakers, fossil giveaways, fossil displays, and the Junior Paleontologist Program. For more info, go to the website- nature.nps.gov/geology/nationalfossilday/

This year our club is donating 2 Fossil Education Kits to be used at National Parks.

Russell and Bonnie will bring their fossils for display at the event and additional volunteers from the Florida Fossil Hunters would be most welcome. You can sign up at any of the upcoming events or via email: bonnierussell62@gmail.com

Orlando Science Center, Sept. 28th

Fossil Day

We are going to set up fossil displays in the Dino Hall once again. This gives us an additional opportunity to hand out Fair flyers to interested visitors. We hope to squeeze in a short meeting between talking with the public and a presentation (to be announced). Either way, we'll have the Fair volunteer sheets for you members as well as info on future activities.

There will be more information on this event in the September newsletter.

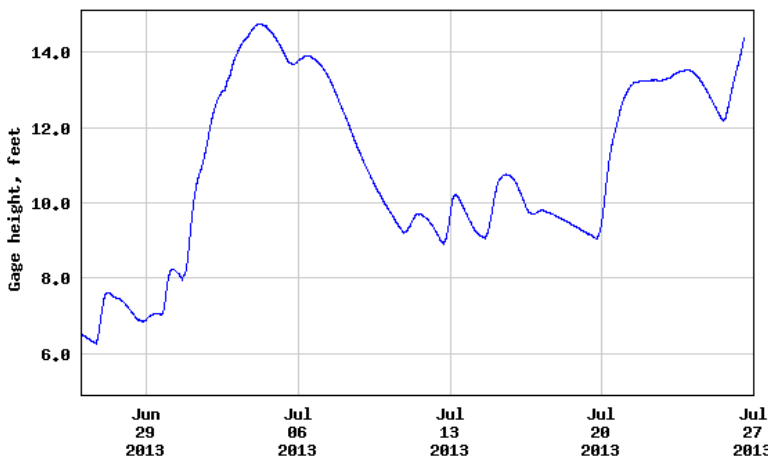
Science Nite Live

OSC will have it's second event of this kind in the evening from 8 to 11 pm for adult members (21 & older) with food and beverages. Valerie First will have her display set up and be talking to the guests. She and Russell did the first one in June and it was a big success. If anyone would like to volunteer with Valerie, you can contact her at VJFirst@aol.com or call her at 407-699-9274.

Piece on the Peace

Yes, it's summer in Florida and the rains have come.... and came again and again. During July the levels hit over 14 ft. (and we need it down around 5 ft. to be able to dig & sift) at the Zolfo gauge station and the rains won't be stopping anytime soon. Meanwhile, we can get our previous finds sorted... save the keepers and put the rest in the scrap bucket for donating to the Kids' Pit at the Fossil Fair.

USGS 02295637 PEACE RIVER AT ZOLFO SPRINGS FL



----- Provisional Data Subject to Revision -----

Field Trip Updates

We don't have definite dates for the CFI mine or Vulcan Mine yet but as soon as they release their schedules, we'll let you know.

**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.

To put on such an event, we need lots of volunteers to help out at....

Admissions Table: Greeting visitors with a smile, taking the money, giving them a free door prize ticket, etc.

Kids' Dig Pit: Explaining the dig rules, getting the kids in (and even harder.... OUT) of the pit, taking money, sweeping sand, identifying fossils the kids find, etc.

Silent Auction: Logging donations, selecting items for each auction round, taking money, soliciting donations from the vendors, announcing the beginning and end of the auctions, etc.

Membership Table: Handing out club info, helping people join the club, explaining about the field trips and other activities, selling t-shirts, etc.

Fossil Display Area: Telling visitors about the fossils on display and answering questions or suggesting other sources for the answers.

Setting up on Friday, Oct. 5th and packing up after closing on Sunday, putting the signs out on the streets early Saturday morning,

The shifts

Saturday: 8:30 am to 12:45 pm and 12:30 pm to 5 pm

Sunday: 9:30 am to 12:45 pm and 12:30 pm to 4 pm

You can sign up at our meetings or events before the Fair OR you can email me at

bonnierussell62@gmail.com

Bring Food!

One of the really extraordinary things about our Fossil Fair is that we feed our volunteers and vendors. We firmly believe full tummies make for happy people. So we ask that everyone bring a casserole, or salad, or dessert, or bag of munchies to share. The club foots the bill for the lunch meat and fixings for sandwiches as well as the paper plates and utensils.

Donations for the Kids' Pit and Silent Auction

Search the back of your closets and the garage for all those boxes and buckets of fossils and rocks that you can live without.... to say nothing of the room it gives you for some really exciting future finds. Bring the fossils to the Fair and donate them for the Kids' Pit or the Auction. To you, it may be just another beat up shark tooth but to a kid, it's a priceless treasure.

For the Silent Auction, you can donate display cases/shelves, modern bones, figurines, prehistoric animal toys, etc. as well as fossils or minerals.

Security

We again have need for some volunteers to spend a Night with the Fossils..... not to be confused with Night at the Museum. We need at least two people for Friday night 7 pm to 8 am (or earlier if some our people get there at 7 am). Saturday night we need two people from 5 pm to 8 am. If you would like to do this or have questions, please email us at bonnierussell62@gmail.com or phone us at 352-429-1058 between 7 pm and 8:30 pm.

Florida Fossil Hunters News

Florida Fossil Hunters

2013 FOSSIL FAIR

Twentysecond Annual



Fossils, Rocks, Gems & Minerals

Saturday, October 5, 2013 - 9:00 - 5:00pm

Sunday, October 6, 2013 - 10:00am - 4:00pm

Central Florida Fairgrounds

4603 West Colonial Drive, Orlando, Florida 32808

\$4.00 Adults | \$1.00 Children

Educational
Displays

Vendors

Silent Auctions

Raffles

Kids
Dig Pit \$1

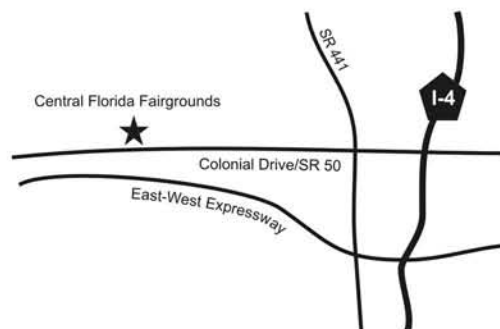
Airconditioned!
INDOORS!

Learn to dig in Florida and see what can be discovered!

*From Tampa - I-4 to Orlando, take
Colonial Drive (Hwy 50) exit Westbound.*

*From Daytona - I-4 to Orlando, take
Colonial Drive (Hwy 50) exit Westbound.*

*The fairgrounds will be on the right side,
just past Mercy Drive.*



For more information on the 2013 Fossil Fair contact us by
email at info@floridafossilhunters.com, call 407-699-9274, or check the website at

www.floridafossilhunters.com

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 19th - 20th, respectively.

The North American Paleontological Convention is a major international paleontological event administered by the Paleontological Society under the auspices of the Association of North American Paleontological Societies. Initiated in 1969, NAPC meets every 4-5 years. The convention includes active participation from all fields of paleontology. Over 500 participants from 26 countries attended the most recent NAPC in Cincinnati (2009).

We extend our warmest invitation to all who are interested in paleontology. Our intention in this meeting is to broaden interest and create new avenues of scientific inquiry within the field of paleontology. Thematically focused symposia will provide a wide range of taxonomically diverse topics designed to demonstrate new research applications and increase communication between the distinct disciplines within the field of paleontology. Special activities and symposia will be available for amateurs and fossil clubs to provide networking opportunities and increase interactions between enthusiastic advocates of paleontology at any level.

For more information on symposia topics and registration go to www.flmnh.ufl.edu/napc/

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.

Part Two - Wild Times In Gainesville

I whistled for Jeremy. We both had a certain call for each other in the woods - no answer this time. Saw a thin trail of blood upstream disappearing into the undergrowth. I whistled again..... nothing. Pushing upstream the water got deeper - almost belly-button high. Floating in the water were entrails/guts and a lot more blood. I spotted Jeremy further upstream up on the bank, hunkered over. A pile of guts lay at his feet.

Coming closer, I could see a fresh, torn-open deer carcass. Jeremy and I could see large cat prints. "That's no Bobcat", Jeremy said.

Poking at the carcass, I nodded in agreement. We looked around nervously. Up the banks, there was nothing but thick vegetation and trees. We stuck together the rest of the day.

We had come across only one Florida panther in our fossil hunting. A year or two before at another location, we had been crawling along a creek run. After coming up under a hanging tangle of vines, not 10 feet away sat a BIG panther. It made that pissed-off cat sound. Jeremy almost jumped out of his wet suit climbing over me. We looked back but it was gone.... that quick - just like me and Jeremy.

But the lure of the Megalodon was great and it would take a lot more than a cat to keep us away from Gainesville.

Russell Brown

Next time...

The Miocene Sharks of Gainesville

Why Did the Crocs (and some others) Survive the Asteroid Impact?

The asteroid/comet that hit 65 million years ago triggered a global firestorm and hurled huge amounts of vaporized rock high above the atmosphere. When the ejecta fell back to earth a few hours later, it would have re-entered the atmosphere so fast that the heat of its descent would have caused the tinder on the ground to burst into flames. The radiation and fires would have been fatal within hours to everything that wasn't sheltered underground or underwater.

Next the mixture of ash and dust in the air would have blocked the sunlight and plunged Earth into a "impact winter" lasting months to years. Plants and other organisms that rely on sunlight for energy quickly died.

The oceans would have been largely shielded from the initial burst but soon after, entire groups of organisms- 50 % of the species, including the the giant marine reptiles and ammonites, became extinct when marine food chains collapsed. But scientists noticed that the extinction levels among freshwater species were a lot less - only about 10 to 20%.

So what allowed them to survive? Scientists studying this came across these major differences:

Freshwater organisms are more accustomed to feeding off detritus (dead organic matter). During the impact winter, freshwater environments would have received a steady influx of dissolved organic matter that was regularly washed into streams and rivers from dead plants and animals on land. Thereby supporting the food chain there.

Those same flowing fresh waters would have kept their ecosystems well oxygenated.

Freshwater organisms are adapted to physical and chemical changes that go well beyond what marine organisms need to be adapted for. For example, seasons of heat and cold or conditions of low oxygen. Many of them can go dormant by burying themselves or their eggs in the mud.

There is some dormancy in the marine environment but it's rare because it's not necessary for the survival of most organisms.

For the entire article, go to-

news.nationalgeographic.com/news/2013/07/130723

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	OPEN	
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@liseydreams.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.

August 17th

2 pm Kids' Fossil Blast
3 pm Meeting
and John McIntosh, speaker

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

Time TBA

Club meeting while at Fossil Day

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
to receive the newsletter via email.



Join Our Facebook group, Search:

[Florida Fossil Hunters](#)

facebook

Visit us online at www.floridafossilhunters.com

Articles and comments should be sent to: bonnierussell62@gmail.com

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Florida Fossil Hunters News