



Vol. 23 No. 5

May 2007

This month at SWFAS

Mote Marine's Nautical Archaeology Program: Surveying Charlotte Harbor and San Carlos Bay

At the Wednesday, May 16 meeting, learn about Mote Marine Laboratory's project to survey Southwest Florida waters for shipwrecks and other submerged cultural resources. Beginning with the Charlotte Harbor Shipwreck Survey in 2004, Mote has already uncovered evidence under water of perhaps the oldest industrial site in south Florida. This Phase I archaeological survey will continue in the fall of 2007 with efforts centered

around historic San Carlos Bay including the Caloosahatchee and Orange rivers. Mote's Nautical Archaeologist, Dr. Coz Cozzi, will discuss the results of this work and other aspects of Mote's Nautical Archaeology Program.

The presentation will begin at 7:30 p.m. at the Bonita Springs Community Center.

Coz Cozzi was born in the UK and traveled extensively as an Air Force brat. He was certified to dive by the YMCA in Maine in the 1970's and worked part-time as a scallop diver. Coz earned a B.A. in History from the University of Maine at Orono in 1978 and taught high school Social Studies in Maine. Hearing about a group of nautical archaeologists coming to Maine to study a Revolutionary War wreck, Coz volunteered through Earthwatch to help the team in the summer of 1981 record the wreck of the brigantine *Defence*. In 1983 Coz completed his M.A. in History and he also completed a Commercial and North Sea Air Diver Program at the Professional Diving School of New York. Coz worked as a commercial diver for International Underwater Contractors for six years, where he inspected, built and repaired a wide variety of underwater structures. This work took him all around the U.S. chiefly in New York, California and the Gulf of Mexico, and overseas to Haiti and Bermuda.

Coz enrolled in the Nautical Archaeology Program at Texas A&M University in 1990 and finished his Ph.D. in 2000. His dissertation topic was the Lake Champlain Sailing Canal Boat, which he studied with the Lake Champlain Maritime Museum (LCMM). In 1996 Coz served as Assistant Project Director on the LaSalle Shipwreck for the Texas Historical Commission (THC) during its investigation of *La Belle*, 1686. In 1997 the University of West Florida and the Florida Bureau of Archaeological Research asked Coz to direct the excavation of the oldest shipwreck yet discovered in Florida, the Emanuel Point Ship of 1559. While a nautical archaeologist at UWF Coz also directed the investigations of the *Nuestra Señora del Rosario y Santiago Apostol*, 1705; the Norwegian ship, *Catharine*,



Mote Marine Nautical Archaeologist Dr. Coz Cozzi

1894; the English bark, *Rhoda*, 1882; the schooners, *Palafox*, 1917, and *George T. Locke*, 1918; Hamilton's Wreck, c. 1920; the Snapper Wreck, c. 1920; and several shipwreck surveys in Pensacola Bay, FL, and Mobile Bay, AL.

In 2003 Coz took the position of nautical archaeologist with Mote Marine Laboratory, where he is directing an ongoing survey for historic shipwrecks in Charlotte Harbor, and an underwater survey for evidence of a Black Seminole community on the Manatee River for the "Looking for Angola" Project. He

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June Field Trip: Florida Museum of Natural History, Gainesville

Tour the South Florida Hall & Lab with Marquardt, Ruhl and Walker

In June, rather than the regular third Wednesday meeting, SWFAS is offering a field trip to Gainesville to the Florida Museum of Natural History on Friday, June 15 and Saturday, June 16. On Friday, you can tour the museum's Hall of South Florida with William Marquardt, and the archaeology and environmental archaeology labs with Bill Marquardt, Donna Ruhl and Karen Walker.

On Saturday, the group would have the option of seeing the new *Megalodon* exhibit (which opens that day) and attending the programs planned for the opening. In addition, with a group of 10 or more, there would be a group discount to the Butterfly Rainforest (\$6.50 vs. the individual \$8.50). See below for other exhibits that will be open on June 16.

Participants will provide their own transportation and be responsible for their lodging. The Lab and South Florida Hall tours are free to SWFAS members; there will be a \$5 fee for non-members.

Details:

Friday, June 15

12:30 p.m. - Group meets at front desk of Dickinson Hall at the University of Florida and checks in for the lab tour. For those who would like to bring lunch from home, there is an outdoor museum plaza area at Dickinson Hall.

12:30 - 3 p.m. - Tour of archaeology labs with Bill Marquardt and Karen Walker; tour of environmental archaeology labs with Karen Walker and Donna Ruhl.

3 p.m. - Leave Dickinson Hall and drive to Powell Hall (Florida Museum of Natural History, 2 miles across campus).

3:15 - 4:55 p.m. - Guided tour of Hall of South Florida with Bill Marquardt.

5 p.m. - Museum closes.

Saturday, June 16:

10 a.m. - Powell Hall opens to the public. A group rate would be available for the Butterfly Rainforest if there are 10 or more interested. Otherwise, explore on your own.

The Florida Museum of Natural History is open 10 a.m. - 5 p.m. Monday through Saturday and 1 - 5 p.m. on Sundays. It is free (there is a \$4 suggested donation) except for the Butterfly Rainforest. For more information on the museum, visit the web site at www.flmnh.ufl.edu.

If you are interested in joining us, please call Karen Nelson at 239/292-7858. **Advance registration is required.**

Megalodon: Largest Shark that Ever Lived

The exhibit highlights the evolution, biology and misconceptions regarding giant prehistoric sharks. Related to the modern great white and mako sharks, the 60-foot-long *Megalodon* lived worldwide until it became extinct 2 million years ago. *Megalodon*'s beautiful fossil teeth are prized by collectors. This exhibit conveys current research findings of University of Florida paleontologists and showcases both fossil and modern shark specimens and full-scale models from several collections. Events on June 16:

Gallery Walks with local shark experts:

11:00 – *Megalodon: Hunting the Hunter* author, Mark Renz

1:00 – Shark researcher, Dr. Gordon Hubbell

3:00 – Shark researcher, Dr. Clifford Jeremiah

Mark Renz will be signing copies of his books from 12 - 4 p.m. Meet the author of *Fossilizing In Florida*, *Megalodon: Hunting the Hunter*, *Megalodon Mystery*, *Giants in the Storm*, and *Doug's Ark: Thinking Outside The Pile*.

Events throughout the day:

Stump the Smithsonian Paleontologists! Bring your own fossils and try to "stump" Smithsonian Paleontologists Bob Purdy and Dave Bohaska while having your fossils identified. (10 am – 12 pm, 1 – 4 pm)

Shark Tooth Dig and Identification: Search for, identify and take home your own sharks teeth.

Exhibiting throughout the day will be researchers from FLMNH's Departments of Vertebrate Paleontology, Invertebrate Paleontology, and Ichthyology as well as local fossil clubs.

Discovery Cart: Stop by our interactive discovery station to test your knowledge of this prehistoric predator of the sea.

South Florida People & Environments

This award-winning exhibit celebrates South Florida and the people who have lived here for thousands of years, including the Calusa, Miccosukee and Seminole Indians. Based extensively on the Florida Museum's archaeological and ecological research, this exhibit features exciting new knowledge about the history of these peoples and the environments that supported them. Visitors experience a full-scale mangrove forest, underwater scene and a Calusa leader's house. Also on display are more than 700 objects from the museum's collections, ranging from everyday items such as Calusa shell tools and fishing gear to artistic masterpieces such as a thousand-year-old painting of an ivory-billed woodpecker.

Also at the museum on June 16:

Butterfly Rainforest: Where Science Takes Flight

This new addition to the Florida Museum is dedicated to research and education about butterflies, moths and global biodiversity. The Butterfly Rainforest is a four-story, outdoor screened enclosure with waterfalls, a walking trail, lush subtropical and tropical plants and hundreds of live butterflies. The indoor exhibits feature a spectacular "Wall of Wings" reaching nearly three stories high that contains thousands of scanned and actual Lepidoptera specimens and information about butterfly and moth biology. Visitors also may look into the collections and observe scientists working in laboratories, preparing specimens for the collection and rearing new butterflies.

See Gainesville, right

FAS Annual Meeting in Avon Park on May 11 - 13

The 59th Annual Meeting of FAS is this weekend, May 11 - 13, in Avon Park. Hosted by the Kissimmee Valley Archaeological and Historical Conservancy, the meeting will feature a full array of presentations on Saturday and an optional Sunday morning field trip to the Blueberry site, a significant Belle Glade village site on the ridge. Barbara Purdy, UF professor emeritus, will be the keynote speaker at the Saturday banquet.

Below is the Saturday schedule for the auditorium (not including student papers presented in Room 113):

- | | | | |
|--------|--|----------------|---|
| 8 a.m. | Welcome by FAS President Sheila Stewart and FAS 2007 Chair Anne Reynolds | 11:00 | Clover, Jessica, David Butler "Belle Glade Ceramic Variability Considered" |
| 8:20 | Torrence, Corbett, Theresa Schober "Little Polity on the Estuary, 100 - 800 AD" | 11:20 | Rolland, Vicki L. "A Comparison of Pottery from the Shields and Grand St. Johns II Ceremonial Sites" |
| 8:40 | Silpa, Felicia "Utilizing Historical Archaeology to Search for Robert Gamble's Slave Quarters" | 11:40 | Lunch |
| 9:00 | Sipe, Ryan, Greg Hendryx "Archaic Settlement and Subsistence of the North Mission Site" | 1 p.m. | Boyer, Willet A. III "The Hutto/Martin Site: A Mission-Era Site in Marion County" |
| 9:20 | Austin Robert J, Jeffrey M. Mitchem, Arlene Fradkin "Bayshore Homes Revisited: A Summary of Recent Research" | 1:20 | Griffin, Patricia C. "Life on the Archaeological Frontier, Kissimmee Area, 1940s: of Earthquake Light and Spider Motifs" |
| 9:40 | White, Nancy "Pierce Mounds, An Ancient Capital in Northwest Florida" | 1:40 | Ruhl, Donna L. "Efficacy & Differentially Preserved Plant Remains: What We Have Learned about the Archaeobotanical Record from South Florida Sites" |
| 10:00 | Coffee Break | 2:00 | Butler, David S.B. "Exploring the Cultural, Spatial and Temporal Dimensions of the Blueberry Site" |
| 10:20 | Botwick, Brad, Greg C. Smith "Variation Among Black Dirt Tree Island Sites in the Eastern Everglades: A Report on Recent Test Excavations in the Broward County Water Preservation Area" | 2:20 | Farr, Grayal Earle "A Reevaluation of Bullen's Typology for Preceramic Projectile Points" |
| 10:40 | Ferdinando, Peter "A Preliminary Study of the Midden Burials from the Spanish River Complex and their Potential Application to Questions Concerning Status in Pre-contact Southeast Florida" | 2:40 | Wenzel, Jason "Exploring Orlando's Diversity in Time and Space through a 'Hybrid' Anthropology Course" |
| | | 3:00 | Schober, Theresa M., Corbett Torrence "Mound House Exhibits Archaeology: The Anatomy of a Shell Mound" |
| | | 3:30 | Special Interest (video): "Smyrna Lost and Found" Roger Grange and Dot Moore |
| | | 4:00 | Annual Membership/New FAS Board Meeting |
| | | 6:30 - 11 p.m. | Banquet at the Sebring Civic Center. Keynote Speaker: Barbara A. Purdy, Ph.D. Entertainment: California Toe Jam Band |

For more info, visit the FAS web site at www.fasweb.org

Gainesville, from left

Florida Fossils: Evolution of Life & Land

Drawing upon the Florida Museum's internationally acclaimed fossil collections, this award-winning exhibit describes the last 65 million years of Florida's history. Walk through time beginning with the Eocene, when Florida was underwater, through the Oligocene, Miocene, Pliocene and Pleistocene epochs when the first humans arrived 14,000 years ago, Florida's first land animals and the land bridge between North and South America that formed about 3 million years ago provide an exciting environment to view the reconstructed specimens. See a 15-foot-tall ground sloth and a two-foot-tall horse. More than 90 percent of the 500 fossils are real and many were found within 100 miles of Gainesville.

Charles R. Knight: Studies of Lost Worlds (through Fall 2007)

Seven study paintings by Charles R. Knight, the first and the most renowned "paleo-artist" of all time are on display in the

Hall of Florida Fossils. Knight's murals depicting ancient life grace the halls of America's greatest natural history museums. Knight completed these seven paintings nearly a century ago as studies for some of his famous large murals. The paintings include many animals that once lived in Florida, and Knight visited the state many times throughout the late 1800s and early 1900s.

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Cozzi, from page 1

is also developing projects related to watercraft used by John Ringling in his 1920s development of Lido Key in Sarasota, and plans to assist NOAA officials in assessing submerged cultural sites in the Florida Keys. He has written over 50 journal articles and technical reports and is considered to be a specialist in teaching methods of underwater archaeology. His research interests include American and Spanish shipbuilding from the 16th through the 19th centuries.

Gainesville, from page 3***Northwest Florida: Waterways & Wildlife***

This exhibit follows water as it flows through the unique environments of northwest Florida, the most biodiverse region of the state. The hardwood hammock features a life-sized limestone cave and is patterned after the forest at Florida Caverns State Park during early spring. The pitcher plant bog showcases carnivorous plants of the coastal plain, and the Native American trading scene highlights the river gallery. Visitors strolling along the boardwalk of the coastal salt marsh also can see the Eastern monarchs on the barrier island beach. The butterflies visit the northwest Florida coast to consume wildflower nectar before continuing their annual fall migration to Mexico.

African Pathways to Urbanism: Photographs by Peter Schmidt (through July 22, 2007)

This photography show features University of Florida Anthropology Professor Peter Schmidt's documentation of ancient urban centers in the Horn of Africa. Schmidt is an anthropologist and archaeologist with a background in African studies that goes back to his undergraduate studies, when he met Kenya's future President, Jomo Kenyatta, during a visit to colonial Kenya in the early 1960s. Schmidt has been engaged in African archaeology for nearly 40 years. He uses photography to document ancient communities and the landscapes they occupied.

-- Reminder --
SWFAS
membership
dues were due
January 1.

Individual - \$20
Sustaining - \$50
Family - \$35

About SWFAS***The Directorate:***

*President - Theresa Schober
1st VP - Karen Nelson
2nd VP - Tom Franchino
Recording Secretary - Jo Ann Grey
Treasurer - Charlie Strader
Membership - Charlie Strader
SWFAS Committees:
Field - John Beriault
Lab - Jack Thompson*

*Hospitality - Jeanne Sanders
Education - Dr. John Worth
Publicity - Kara Bridgman Sweeney
Newsletter - Karen Nelson*

*If you would like to join SWFAS, please
address your check to: The Southwest Florida
Archaeological Society; P.O. Box 9965; Naples,
FL 34101*

*Dues are: Individual - \$20; Sustaining - \$50;
Family - \$35; Student \$15*

*Board meetings are held prior to the regular
meeting on the third Wednesday of the month at
the Bonita Springs Community Hall on Old 41 (by
the banyan tree). All are welcome. Board meet-
ings begin at 6:00; regular meetings begin at 7:30
(with coffee served at 7).*

The Southwest Florida Archaeological Society
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