

MISSISSIPPI
Museum of
Natural
Science

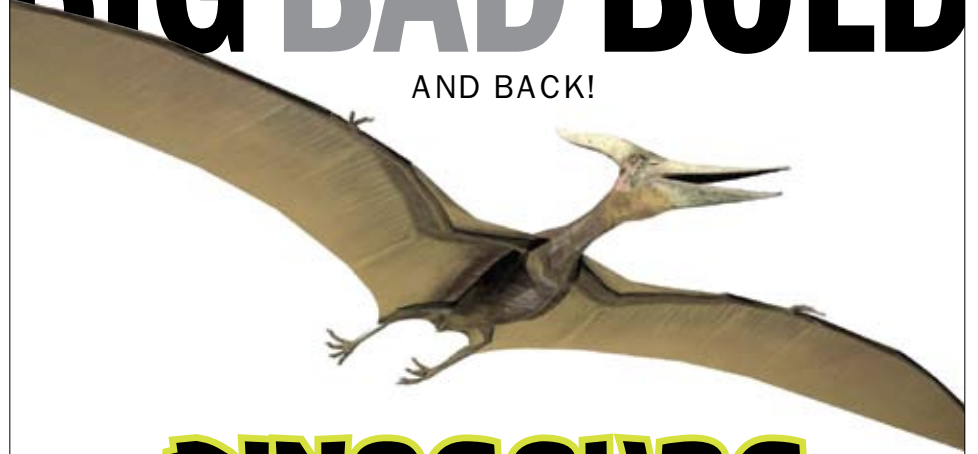
TRAILERS



MMNS • Vol. 29 • No. II

BIG BAD BOLD

AND BACK!



DINOSAURS

ROBOTIC EXHIBIT

JUNE 2, 2012—JANUARY 6, 2013



Take a journey back to prehistory when giant animals roamed the earth, swam in the seas and soared in the sky. Meet a T. rex up close, marvel at the long-necked Apatosaurus and watch the skies for the flying Pteranodon. But beware, these creatures look, move and sound like the real thing. This exhibit includes over 20 robotic dinosaurs,

a rubbing station, and a fossil dig site. See www.msnaturalscience.org/dinosaurs2012 for more details.

Kokoro, the company that created these robotic dinosaurs, consults with distinguished paleontologists on all aspects of the creatures' attributes and functioning during development. Each creature is individually handcrafted and computer-programmed.

Join us in June and July for Fun Fridays (SEE PAGE 3). And pick up unique dinosaur gifts in the Museum's Dragonfly Shoppe (SEE PAGE 12).

Dinosaurs is sponsored locally by the Mississippi Department of Wildlife, Fisheries, and Parks, Mississippi Museum of Natural Science Foundation, Gertrude C. Ford Foundation, Nissan of North America, Inc., Regions Bank, Dr. Ollye and Dr. Aaron Shirley, and Chris and Steve Zachow.

FEATURED TUESDAY LECTURE:

Dinosaurs of the South (and other prehistoric giants)

August 7, 2012 from 12NOON - 1PM

SPEAKER: Judy Cutchins, NATURAL SCIENCE AUTHOR/EDUCATOR, FERNBANK SCIENCE CENTER AND FERNBANK MUSEUM, ATLANTA

Finding out about dinosaur life in the southern states is challenging. Unlike the Western U.S., complete skeletons in the South are rare. But paleontologists have uncovered enough fossil evidence to know that a variety of dinosaurs, giant sea creatures and land reptiles once inhabited what is now the southeastern U.S. Join us to learn just what amazing prehistoric giants lived in or near Mississippi and what the South was like 80 million years ago.



DEPARTMENT



ADMINISTRATION

Sam Polles, Ph.D.
EXECUTIVE DIRECTOR

Robert Cook
DEPUTY DIRECTOR

Larry Castle
DIRECTOR OF
TECHNICAL PROGRAMS

COMMISSIONERS

William "Billy" Deviney
CHAIRMAN

Jerry Munro
VICE-CHAIRMAN

Bryan Jones

Charles Rigdon

John C Stanley IV



ASSOCIATION OF
SCIENCE-TECHNOLOGY
CENTERS



Dear Members,

This year we are celebrating the 80th anniversary of the Mississippi Department of Wildlife, Fisheries, and Parks (MDWFP). The MDWFP and the Museum of Natural Science were started in 1932, during the depths of the Great Depression. Just goes to show us what can be done by a small group of dedicated people even when funds are very tight!

Please make plans to visit the Museum of Natural Science soon to see *Dinosaurs*, the biggest robotic dinosaur exhibit that has ever come to Mississippi, and don't miss the First Tuesday lectures and Fun Fridays associated with this incredible exhibit. Thanks to the sponsors and volunteers who are making this dynamic exhibit come to life. During the seven and a half months that *Dinosaurs* will inhabit the Museum, visitors will learn about Mississippi's early prehistory. Perhaps there are also lessons we can learn about our present situation from these extinct creatures.

Since January 27th, more than 36,800 people have experienced *Animal Secrets*, an interactive education exhibit for young children. The Chisholm Foundation, Feild Cooperative Associates, Inc., Plum Creek, Paul Benton, Sanderson Farms, Trustmark Bank, Wheeler and Ashley Parker, and Steve and Chris Zachow helped finance this engaging play space for our young audience. Thanks so much to all of you who made this experience possible for so many families.

We have been able to re-instate outreach education services to Northwest Mississippi, including the Delta with a new Museum Educator, Jennifer Holcomb, and the calendar is already filling up with great programs for her to do.

I want to thank the entire Museum staff and our wonderful volunteers for their hard work and dedication to providing excellent service for both Mississippians and tourists that visit our state.

Libby Hartfield
Libby Hartfield
MUSEUM DIRECTOR

MUSEUM STAFF



DIRECTORS

Libby Hartfield
MUSEUM DIRECTOR

Charles Knight
ASSISTANT MUSEUM DIRECTOR

ADMINISTRATION AND SUPPORT

Cindy Bearden
GIFT SHOP ASSISTANT

Harold Garner
FACILITIES MAINTENANCE
MANAGER

Charles Jeffcoat
CUSTODIAN

Mary Jenkins
SPECIAL PROJECTS OFFICER

Rebecca Jones
GIFT SHOP MANAGER/SPECIAL
EVENTS

Fran Noone
GIFT SHOP ASSISTANT

Ann Peden
VOLUNTEER SERVICES

Tracy Reid
GIFT SHOP ASSISTANT

Mary Stripling
LIBRARIAN

AQUARIUMS

Karen Dierolf
AQUATIC BIOLOGIST

John Hardy
AQUARIST

James Hill
AQUATIC BIOLOGIST

Mike Stegall
AQUARIST

EDUCATION

Angel Rohnke
EDUCATION COORDINATOR

Megan Fedrick
SPECIAL EVENTS
COORDINATOR

Mary Alston
PRESCHOOL EDUCATOR

Crystie Baker
OUTREACH NATURALIST

Joan Elder
PRESCHOOL EDUCATOR

Jonathan Harris
NATURALIST

Yolanda Hawkins
RESERVATIONIST

EDUCATION (CONT.)

Jennifer Holcomb
OUTREACH NATURALIST

Joseph M. McGee
OUTREACH NATURALIST

Isabel Mills
PRESCHOOL EDUCATOR

Nicole Phillips
NATURALIST

Corey Wright
NATURALIST

EXHIBIT MANAGEMENT

Norton McKeigney
EXHIBITS SUPERVISOR

Ray Terry
EXHIBITS SUPERVISOR

NATURAL HERITAGE

Adrienne Clark
DATABASE TECHNICIAN

Aaron Francois
DATABASE TECHNICIAN

Tom Mann
ZOOLOGIST

Andy Sanderson
ECOLOGIST

Heather Sullivan
BOTANIST

Joelle Wilkens
DATABASE MANAGER

RESEARCH AND COLLECTIONS

Jeremy Copley
COLLECTIONS/RESEARCH
ASSISTANT

R.L. Jones, Ph.D.
HERPETOLOGIST

Scott Peyton
COLLECTIONS MANAGER

George Phillips
PALEONTOLOGY CURATOR

Matt Roberts
ICHTHYOLOGIST

Kathy Shelton
BIOLOGIST

LaToya Turner
LABORATORY ASSISTANT

Nicholas Winstead
ORNITHOLOGIST

CELEBRATING 80 YEARS OF CONSERVATION



In 2012, the Mississippi Department of Wildlife, Fisheries, and Parks (MDWFP) is celebrating 80 years of conserving

natural resources statewide. MDWFP's story is about hunting, fishing, conservation, and education. But, it's also about protecting the traditions, rites of passage, weekend getaways and campfire moments that make living in and visiting Mississippi such a rich experience.

In the early 1930's, Fannye A. Cook, who became the Museum's first director, campaigned throughout Mississippi for a comprehensive conservation program. In 1932, the Mississippi legislature created the Mississippi Game and Fish Commission. Since then the agency has been the state's premier conservation organization and is now known as the Mississippi Department of Wildlife, Fisheries, and Parks.

The Museum was essentially born out of Fannye Cook's passion for collecting and studying Mississippi's natural world. In 1939, the Museum opened to the public as a permanent state museum and was designated as Mississippi's official Natural Science Museum by the state Legislature in 1971.

MISSION STATEMENT:

The mission of the Mississippi Museum of Natural Science is to promote understanding and appreciation of Mississippi's biological diversity through collections, research, scientific databases, education, and exhibits; and to inspire the people of our state to respect the environment and to preserve natural Mississippi.

Fun Fridays

Every Friday
should be a fun Friday!

Fun Fridays are interactive, hands-on programs offered in June and July from 10AM - 12NOON. An adult must accompany children.

UPCOMING FRIDAY DATES ARE:

- JUN 1: Dinomite!
- JUN 8: Food Chain Friday
- JUN 15: Animal Homes
- JUN 22: Dino Discoveries
- JUN 29: Dinobirds
- JUL 6: Shades & Shapes of Green: Leaves of Trees in Summer
- JUL 13: Let's Talk Scat
- JUL 20: Fantastic Fossils
- JUL 27: Fishy Fossils

Snake Day

Don't let this one slither by.

Herpetologist Bryan Fedrick will help you spot the differences between Mississippi's venomous and non-venomous snakes. Catch one of Fedrick's interactive discussions from 10AM-11AM and 12NOON-1PM. Live snakes will be exhibited from 10AM-3PM, with experts on-hand to answer your questions.



Fossil Friday

Be a digger
for a day.

Dig into the Museum's fossil pile and enjoy fossil activities.

SPECIAL EVENTS

Fun Fridays

FRI · JUN 1, 8, 15, 22, 29; JUL 6, 13, 20, 27
10AM to 12NOON

Snake Day

TUE · JUN 5 · 10AM to 3PM

Fossil Friday

FRI · OCT 12 · 10AM to 12NOON

Halloween Event

FRI · OCT 26 · 6 to 8PM

Turkey Tuesday

TUE · NOV 20 · 10AM to 12NOON

Natural Christmas Crafting

FRI · DEC 7; SAT · DEC 8 & 15
10AM to 12NOON

Halloween Event

Awaken the night owls!

New evening Halloween event is in the works! Watch your email and the Museum's online calendar as details develop.

Turkey Tuesday

Calling all Pilgrims!

Thanksgiving is a perfect time to spend with family...
Join us for family fun and special activities for all ages!

Natural
Christmas
Crafting
Fun holiday
activities



Merry Mammals

DEC 7 · FRI · 10AM-12NOON

Join us for some cool warm-blooded and furry fun activities!

Christmas for the Birds

DEC 8 · SAT · 10AM-12NOON

Learn how to create natural ornaments that will help feed the birds during the winter months.

Nature-Made Christmas

DEC 15 · SAT · 10AM-12NOON

Make fun ornaments using natural objects.

EXAMINE TURKEY FEATHERS UNDER A MICROSCOPE, MAKE YOUR OWN TURKEY CALL, AND LEARN WHAT TURKEYS EAT FOR LUNCH AT TURKEY TUESDAY!





ROB MIES WITH MO, THE TWO-TOED SLOTH

Announcements

NatureFEST 2012 is a Big Hit

All Aboard!!! Over 2,000 visitors attended NatureFEST on April 14, 2012. This year, the Museum partnered with Mississippi Public Broadcasting and Jim Henson’s Dinosaur Train. Kids were able to become Dino Train Nature Trackers while doing activities that promoted conservation and native Mississippi species. Other new activities this year included crafters from the Mississippi Craftsman’s Guild, live music, Buffalo Peak, and Inky the Clown. Rob Mies returned with his program Biodiversity Live and his two-toed sloth friend, Mo. Reptile and raptor shows were also presented along with the research and collections tours, Quapaw Canoe rides on the Pearl River, nature hikes on the Museum trails, and our conservation partners showed up to share valuable information about wild Mississippi. Throughout the day, families were greeted by Cat in the Hat, Leona Lion, Smokey Bear, and were able to visit the touch tank, dig for fossils, get their faces painted, and snack on tasty treats. Watch your email, the next Natural Newsline and on our website for details about next year’s NatureFEST!



Mississippi Museum of Natural Science Receives Highest National Recognition

The American Association of Museums has renewed the Museum’s accreditation. Accreditation is a widely recognized seal of approval that brings national recognition to museums. Accreditation is a very rigorous but highly rewarding process that examines all aspects of a museum’s operation and generally takes as much as three years. Of the nation’s estimated 17,500 museums, 775 are currently accredited. The Mississippi Museum of Natural Science is one of only five museums accredited in Mississippi. Accredited museums are looked up to as leaders in the field and must be re-accredited every ten years. The Mississippi Museum of Natural Science has been accredited since 1982.



BEST IN SHOW “JUST BEE” BY DONNA ABBOTT

3rd Annual “Back to Nature” Photography Contest Winners

The “Back to Nature” contest is designed to encourage Museum visitors to venture out and capture the natural beauty of the wildlife and habitats seen on the grounds of the Mississippi Museum of Natural Science and along the trails of LeFleur’s Bluff State Park. The Museum is accepting entries for the fourth annual contest now through February 1, 2013. For details, visit www.msnaturalscience.org and click on The Latest or call 601-576-6000 for official guidelines and entry form.

- Best in Show winner, Donna Abbott “Just Bee”
- 1st Place Wildlife Adult winner, Donna Abbott “Sweet Dreams”
- 1st Place Landscape Adult winner, Eileen Allen “Reflections of Nature in Beauty”
- 1st Place Plants Adult winner, Donna Abbott “Listen To Me”
- 1st Place Wildlife Youth winner, Ricky Fruser “Just Across the River, Please”
- 1st Place Landscape Youth winner, Jessie Cox “Blues Hues Winter”
- 1st Place Plant Youth winner, Olivia Hellings “Points”



JENNIFER HOLCOMB, OUTREACH NATURALIST

New Outreach Specialist Joins the Team

Jennifer Holcomb began at the Museum as a volunteer with strong interests in wildlife conservation and education, and is now one of the Museum’s Outreach Educators. Jennifer grew up in Greenville, Mississippi and attended Delta State University where she received her B.S. in Biology. Jennifer is a wildlife enthusiast with a desire to encourage children to explore Mississippi’s natural environment.

Looking for Microscopic Mississippi Fossils

Uncovering Mississippi's Bryozoan Treasures

Mississippi contains an abundant and speciose fossil record, as the many patrons of our annual Fossil Road Show event (held every March) can attest. However, most Mississippians may not be aware of the many types of microscopic fossil animals (and plants) that compose the state's ancient fossil bearing sediments, particularly the limestones and marls ("limey" clays). One particular group of tiny organisms recently attracted researchers from outside our state, as far away as London, England. In 2010 and 2012, researchers from England, Canada, and Ohio, visited Mississippi in search of the fossil remains of a group of tiny colonial marine animals called **bryozoans**. Although fragments of their stalked and encrusting colonies can be recognized with the unaided eye, the individual animals that build the colonies are microscopic—averaging only 1.0 millimeter in diameter.

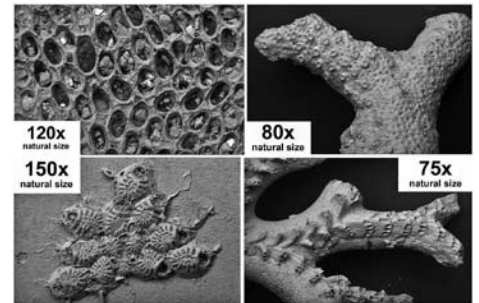
After examining several MMNS specimens loaned to the Natural History Museum in London, NHM paleontologist Dr. Paul Taylor requested the assistance of MMNS paleontology curator George Phillips in organizing two expeditions to north (2010) and central (2012) Mississippi in order to systematically collect additional material to supplement the initial samples. The two collecting expeditions produced a bounty of bryozoans, from Benton in Yazoo County to New Albany in Union County to Waynesboro in Wayne County. Although most of the collected material is housed here at MMNS (and NHM), some of the bryozoans went to Dr. Noel James of Queens University, Kingston, Ontario, for chemical analyses of their fragile skeletons. In addition to bryozoans, the research team from the College of Wooster (Ohio) was looking for other tiny fossil creatures that, like bryozoans, attached to hard objects on the seafloor.

If you've visited any of Mississippi's larger freshwater lakes with any frequency, then you've seen living bryozoans attached to dead trees and other objects in the water along the shore line. The objects in question are globular, gelatinous masses of the bryozoan *Pectinatella*. The colonies of *Pectinatella* are translucent (i.e. somewhat transparent) but are stained green due to blue-green algae associated with their surfaces. For people without a background in biology, they've been erroneously labeled as 'space jelly' or the result of some disease or even mutational process due to contaminated waters. Nothing could be further from the truth! These bryozoans can actually clean turbid water by feeding on algal blooms.

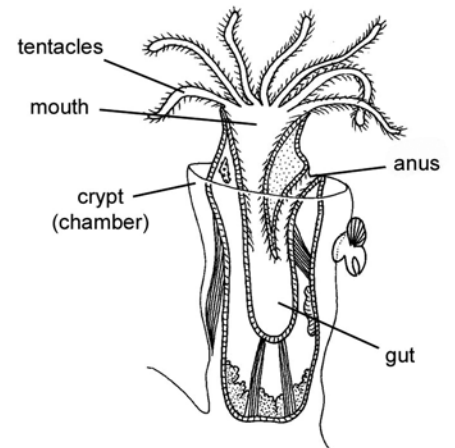
Whether you're collecting fossils or paddling a Mississippi lake, keep your eyes peeled for this lesser known and even under-appreciated group of animals - the Bryozoa.



WITH ASSISTANCE FROM MMNS PALEONTOLOGY CURATOR GEORGE PHILLIPS (FAR RIGHT), RESEARCHERS FROM LONDON, ENGLAND, AND COLLEGE OF WOOSTER, OHIO, SCOUR THE SURFACE OF THIS LOT NEAR PONTOTOC, MISSISSIPPI, LOOKING FOR FRAGMENTS OF FOSSIL BRYOZOAN COLONIES.



SCANNING ELECTRON MICROSCOPE (SEM) IMAGES OF VARIOUS SPECIES OF FOSSIL BRYOZOANS RECENTLY FOUND IN MISSISSIPPI. THESE DATE TO THE LATTER PART OF THE CRETACEOUS PERIOD AND ARE BETWEEN 65 AND 75 MILLION YEARS OLD. A BRYOZOAN COLONY IS COMPOSED OF MANY ANIMALS THAT BUILD AND LIVE IN TINY CRYPTS THAT ARE INTIMATELY CONNECTED WITH ONE ANOTHER. SOME OF THE CRYPTS ARE QUITE ELABORATE IN CONSTRUCTION AND ARRANGEMENT.



BRYOZOAN ANATOMY. A BRYOZOAN POSSESSES CILIATED TENTACLES THAT IT USES FOR GATHERING FOOD FROM THE SURROUNDING WATER. WHEN THREATENED, THE ANIMAL WILL WITHDRAW THE FEEDING ORGAN INTO ITS CRYPT FOR PROTECTION. IMAGE, IN MODIFIED FORM, FROM THE MARINE LIFE INFORMATION NETWORK WEB SITE.



FRAGMENTS OF FOSSIL BRYOZOAN COLONIES. MOST COLONIES ARE STALKED OR ROUNDED WITH LITTLE VARIATION AMONG SPECIES, THUS COLONY SHAPES ARE TYPICALLY UNHELPFUL IN IDENTIFYING BRYOZOANS ON ANY TAXONOMIC LEVEL. THEREFORE, IT IS THE SHAPE OF THE INDIVIDUAL ORGANISMS, SPECIFICALLY THEIR CRYPTS, THAT IS USED TO DISTINGUISH BETWEEN DIFFERENT SPECIES (SEE ACCOMPANYING SEM IMAGES).



THE FRESHWATER BRYOZOAN *PECTINATELLA* IS COMMONLY SEEN ATTACHED TO OBJECTS ALONG THE SHORELINE OF MANY LARGE MISSISSIPPI LAKES.

ONGOING EVENTS



MPB RADIO SHOW

Listen to Museum director Libby Hartfield and local veterinarian Dr. Troy Majure every Thursday morning at 9AM as they take call-in questions from listeners about all of Mississippi's critters—big or small, furry or scaled, wild or domestic. Join the live fun with a call to the team at 877-672-7464.

FUN FRIDAYS

This summer, join the Museum's Education staff for Fun Fridays and experience interactive, hands-on programs coordinated with our current feature exhibit *Dinosaurs*. These family-friendly programs, for accompanied children, are offered every Friday in June and July.

FISH FEEDING

Meet some of our most fascinating aquarium inhabitants, every Tuesday and Friday at 10AM, and Sunday at 2PM.

CREATURE FEATURES

Scheduled or spontaneous, these informal programs feature live or mounted animals. Scheduled every Saturday at 10AM and 2PM, Creature Features make learning fun!

LECTURE SERIES

On the first Tuesday of the month (except Dec. and Jan.), the Museum offers lectures addressing a variety of natural science subjects. Unless noted otherwise, the lectures take place from 12NOON to 1PM in the Museum's Rotwein Theater. Lectures are FREE to Museum Foundation members or regular admission visitors. Please show your membership card at the gate.

BIRD WALKS

On the first Saturday of the month (except Dec. and Jan.), join experienced birders and Jackson Audubon Society members for a walk on the wild side. Bird walks for family groups and beginners are from 8AM to 10AM at Lefleur's Bluff State Park Campground. Park Fee: \$3. (This is not an Audubon fee—bird walk is free.) Call Mary Stripling at 601.956.7444 for details.

JUN 1, 8, 15, 22 & 29 · 10AM–12NOON

Fun Fridays

Interactive, hands-on programs—an adult must accompany children. (SEE PAGE 3 FOR TOPICS.)

JUN 1 · FRI · 6–8PM · PREMIERE PARTY

Dinosaurs Exhibit Premiere Party

For Members Only

JUN 2 · SAT · 7–10:30AM · EVENT

Katfishin' Kids at Turcotte Lab

Fun fishing at Turcotte Lab off Hwy 43 at Ross Barnett Reservoir, for ages 15 and under, accompanied by adults. Equipment and refreshments are FREE.

DINOSAURS

JUN 2, 2012–JAN 6, 2013 · SPECIAL EXHIBIT

Dinosaurs Exhibit Opens

They're BIG, BAD, BOLD, and BACK with over 20 of their closest friends!

JUN 5 · TUE · 10AM–11AM & 12NOON–1PM · LECTURES

Snake Day Lectures:

De-mystifying MS Snakes

SPEAKER: Bryan Fedrick; Herpetologist

Learn the value of our native snakes and how to distinguish venomous species from non-venomous ones. Live snakes will be exhibited from 10AM to 3PM.

JUN 11–14 (ENTERING K-1) · **JUN 18–21** (ENTERING 2-3) · **JUN 25–28** (ENTERING 4-5) · SUMMER CAMP

WILD about Summer Camp

Camp WILD (for the younger campers) is a place where kids explore the outdoors, make new friends, and delve into nature. For details, contact Nicole Smith.



RED-WINGED BLACKBIRD PHOTO BY BILL STRIPLING

JUL 3 · TUE · 12NOON–1PM · LECTURE

Ever Wonder Why and How Birds Sing?

SPEAKER: Dr. Adam Rohnke; Extension Wildlife Associate, Mississippi State University Extension Service

Bird vocalizations can vary from very simple calls like the honk of Canada Goose to the complex song of the Wood Thrush. There are many biological and

environmental reasons for these differences in song and call complexity among different bird species. The lecture will discuss these reasons including mechanics, the purpose of song, types of song and calls, dialects and much more.

JUL 4 · WED · HOLIDAY

Museum Closed

JUL 6, 13, 20 & 27 · 10AM–12NOON

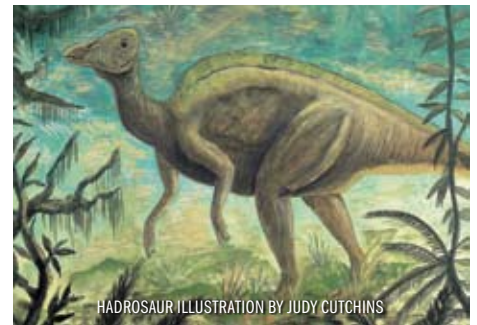
Fun Fridays

Interactive, hands-on programs—an adult must accompany children. (SEE PAGE 3 FOR TOPICS.)

JUL 23–27 · 9AM–3PM · WORKSHOPS

Teacher Workshops

For details, contact Angel Rohnke or Megan Fedrick.



HADROSAUR ILLUSTRATION BY JUDY CUTCHINS

AUG 7 · TUE · 12NOON–1PM · LECTURE

Dinosaurs of the South (and other prehistoric giants)

SPEAKER: Judy Cutchins; Natural Science Author & Educator, Fernbank Science Center and Fernbank Museum, Atlanta

Join us to learn just what amazing prehistoric giants lived in or near Mississippi and what the South was like 80 million years ago.

SEP 3 · MON · HOLIDAY

Museum Closed

SEP 4 · TUE · 12NOON–1PM · LECTURE

Mississippi's Native Pollinators

SPEAKER: Joelle Wilkens; Conservation Resource Biologist, MMNS

Shiny hineys and fuzzy bums! There's more to pollination than you think! Meet our surprising native pollinators, learn why they are considered a keystone species, and how you can help them.

SEP 21 · FRI · 9AM–2PM · EVENT

Make a Splash

This fun, interactive water day allows students to explore a diversity of water related topics. For details, contact Megan Fedrick.

OCT 2 · TUE · 12NOON-1PM · LECTURE

Edible and Useful Plants of the Gulf South

SPEAKER: Dr. Charles Allen; Senior Botanist, Colorado State University, Fort Polk, LA and Owner of Allen Acres B&B, a nature oriented paradise in Louisiana

This lecture will be a hands on (actually mouth on and nose on) presentation with fresh and dried samples of edible and useful plants. A brief overview of each plant is presented and then participants are encouraged to graze on the salad plants. Freshly brewed teas from an assortment of dried plants such as New Jersey Tea leaves, blackberry leaves, persimmon leaves, and others will be prepared for sipping. Jars of dried leaves of red bay, mountain mint, and other spices will be available for all to smell. Recipes for selected edibles will be provided.

OCT 12 · FRI · 10AM-12NOON

Fossil Friday

Dig into the Museum's fossil pile and enjoy fossil activities.

OCT 26 · FRI · 6-8PM · EVENT

Halloween Event

New evening Halloween event is in the works! Watch your email and the Museum's online calendar as details develop.

OCT 27 · SAT · 9AM-3PM · WORKSHOP

WILD about Bats - Teacher Workshop

For details, contact Angel Rohnke.



NOV 6 · TUE · 12NOON-1PM · LECTURE

Water is Life, No Water, No Life: Adopt-A-Stream

SPEAKER: Debra Veeder; Adopt-A-Stream Coordinator, Mississippi Wildlife Federation

What would we do without clean water? How do you use your water? Many answer; drink it, bathe in it, but what about swimming, fishing, boating, watching wildlife? You wouldn't want to do any of these activities in dirty polluted water! Come learn about the Adopt-A-Stream program. How you can help to

keep our rivers, creeks and other water resources clean. What you can teach your children about our precious and finite water resources. Let's make a positive difference for Mississippi streams.

NOV 20 · TUE · 10AM-12NOON

Turkey Tuesday

Family fun and special activities for all ages!

NOV 22 & 23 · THU & FRI · HOLIDAY

Museum Closed

DEC 6, 7 & 8 · THU, FRI & SAT · 5-8PM

Parents & Kids Magazine Christmas Fest

See www.msnaturalscience.org for details as they develop.

DEC 7 · FRI · 10AM-12NOON

Merry Mammals

Join us for some cool warm-blooded and furry fun activities!

DEC 8 · SAT · 10AM-12NOON · EVENT

Christmas for the Birds

Participants of all ages will learn how to create natural ornaments that will help feed the birds during the winter months.

DEC 15 · SAT · 10AM-12NOON · EVENT

Nature Made Christmas

Participants of all ages will make fun ornaments using natural objects.

DEC 24 & 25 · MON & TUE · HOLIDAY

Museum Closed

DEC 31 & JAN 1 · MON & TUES · HOLIDAY

Museum Closed

JAN 6, 2013 · SUN · SPECIAL EXHIBIT

Dinosaurs Exhibit Closes

JAN 17, 2013 · THU · 6-8PM

Family Fun Science Night

(PRIMARILY FOR FAMILIES OF ELEMENTARY STUDENTS)

Cost: \$2 per person / FREE for members with current membership

Join us for a night of hands-on science fun! Explore a touch tank, wildlife, fossils, and live animals. Watch a diver feed the fish, plus much more!

Note: Dates are subject to change.
See msnaturalscience.org for more details on events.

FOR TEACHERS

WET AND WILD CEU CREDITS

The Museum offers six teacher workshops sponsored by Project WILD and Project WET, with CEU credits available.

WORKSHOPS

JULY 23 - Wetlands for the Wee Ones

JULY 24 - Wild About STEM

JULY 25 - Project WET

JULY 26 - Wild About Biology

JULY 27 - Rock On! Earth Sciences Workshop

CONTACT

To schedule a workshop or field trip, reserve a resource kit, download classroom materials, or help meet your classroom needs, contact Angel Rohnke at angel.rohnke@mmns.state.ms.us or Megan Fedrick at smegaroni@yahoo.com or call 601-576-6000.

FOR PRESCHOOLERS

The Museum's "hands-on" Preschool Room is designed for pre-kindergartners, ages 3-5.

(THE PRESCHOOL ROOM IS OPEN WHEN A STAFF MEMBER OR A VOLUNTEER IS AVAILABLE. THE SCHEDULE IS SUBJECT TO CHANGE.)

VISITOR ACCESS

PRESCHOOL CHILDREN

MON-FRI 1-4PM

SAT 9:30AM-12NOON & 1-4PM

SUN 1-4PM

TIME FOR TWOS (ages 2 & under)

2nd TUE 9:30AM-12NOON

STORY TIME (ages 3 to 5)

WED 1:15, 2:15, & 3:15PM (AUG-MAY)

TUE (EXCEPT 2ND) & THU 10:15 & 11:15AM (JUN & JUL)

RESERVED GROUP ACCESS

JUNE-AUGUST CLASSES

"Do I Look Good, or What?"

DISCOVER THAT THE OUTSIDE COVERINGS OF ANIMALS CAN BE AS DIFFERENT AS THE ANIMALS THEMSELVES.

SEPTEMBER & OCTOBER CLASSES

"Who Am I? What Do I Eat?"

UNDERSTAND THE IMPORTANCE OF OWLS, THE STRUCTURE OF THE OWL ITSELF, AND ITS FOOD CHOICES; EXAMINE AN OWL PELLETT.

NOVEMBER & DECEMBER CLASSES

"Do You Like Me?"

CHILDREN MAY EXPRESS AN OPINION OF WILD ANIMALS, THEN LEARN MORE ABOUT THE ANIMALS AND CHANGE THEIR OPINION!

In AUG-MAY, class times are 9AM, 9:45AM, & 10:30AM, MON-FRI (except 2ND Tuesday).

In JUN & JUL, class times are the same, but classes are offered only on WED & FRI.

Call Joan Elder for reservations (601-576-6031).

PRESCHOOL SUMMER CAMPS

Call Joan Elder for details (601-576-6031).



NORTH MS FISH HATCHERY MANAGER JUSTIN WILKENS GAVE VOLUNTEERS A TOUR OF THE HATCHERY ON A RECENT FIELD TRIP.



VOLUNTEERS SANDRA WEST AND COREY JOHNSON SIGNING UP VISITORS FOR FREE CANOE RIDES AT NATUREFEST.



VOLUNTEER BROOKE NASH TEACHES VISITORS AT A "DINO TRACKER" STATION AT NATUREFEST.



ALTHOUGH NOT FOUND IN LARGE NUMBERS, THE PALLID STURGEON INHABITS THE MAIN CHANNELS OF THE MISSOURI AND MISSISSIPPI RIVERS FROM MONTANA TO THE GULF OF MEXICO.



PADDFISH LIVE IN RIVERS AND FLOODPLAINS THROUGHOUT MISSISSIPPI AND CAN REACH LENGTHS OF MORE THAN 6 FT. AND WEIGH WELL OVER 100 LBS.

Introducing LEAD Teen

New level of service available for teen volunteers

Our Museum is fortunate that outstanding young people choose to serve here. We are introducing a new level of participation for those who have given 30 hours of service—LEAD Teen—to help this dedicated group grow in knowledge and leadership. To maintain their status, LEAD Teens must commit to a yearly minimum of 30 service hours. They will have additional service/fieldwork opportunities and will form an advisory group to plan service learning for the larger youth program. Each spring, current teen volunteers with 30 hours of service are eligible to apply and service hours will be reviewed for the coming year. We congratulate our first class of LEAD Teens: Ashley Williams, Brooke Nash, Jonathan Smith, Tiffany Strain, Anna Hudson, Rhianna Harris, and Alex Borst. Download teen volunteer program details/application at www.msnaturalscience.org under "Join/Support - Volunteer Info."

BIG THANKS to the 49 Museum volunteers, 20 Hinds Community College Phi Theta Kappa volunteers, and our Museum partners who assisted at NatureFEST 2012 in April! With your help, it was a big success!

Volunteers afield: In 2012, so far, we've visited the North Mississippi Fish Hatchery and explored a unique bog habitat in south Mississippi. Hatchery manager Justin Wilkens showed us facility operations, and we learned about Mississippi fish species from MMNS aquatic biologist Karen Dierolf. During a picnic at Enid Lake, we learned about flood control and how the lake controls water levels. Led through the bog by MMNS botanist Heather Sullivan, we saw native carnivorous plants, yellow pitcher plants, the state-listed white-top pitcher plants, parrot pitcher plants, and sundew, and we learned about the piney woods habitat and longleaf pine.

Here come the dinosaurs! Want to help with the summer fun and the *Dinosaurs* exhibit? Please contact Ann Peden at ann.peden@mmns.state.ms.us.

Ancient Fishes

Dinosaur-era fish call Museum aquariums home

This year, the Museum will host replicas of dinosaurs that roamed the earth 200-66 million years ago. However, the Museum aquariums are home to several species of fish that have remained largely unchanged over the past 50-200 million years. Gars are primarily freshwater fish found only in North America. They have long cylindrical bodies with long jaws containing needlelike teeth and are covered with a protective layer of hard, diamond-shaped scales. Fossil Gar Scales date to the Cretaceous Period, about 110 million years. Gars have a swim bladder which is filled by gulping air and this helps them survive in low dissolved oxygen habitats such as backwaters of rivers, lakes and swamps.

More primitive than Gar are the Paddlefishes and Sturgeons. Sturgeons are considered one of the oldest families of fishes, with fossil records going back 200 million years ago. Fossil paddlefish have been found from the Eocene age, 56-34 million years ago. Paddlefishes and Sturgeons are considered bony fishes, but their skeletons are made of cartilage, like a shark's. Their fins also resemble those of sharks, with an asymmetrical tail. Similar to sharks, these fins supply most of the lift to the fish's body. In more modern fish, the lift is supplied by a swim bladder. Watch these fish in the "Ancient Fishes of the Mississippi River Aquarium": when the sturgeon stop swimming they rest on the bottom of the aquarium and the paddlefish constantly swim so they can remain up in the water column.

While gar, sturgeon, and paddlefish are considered primitive fish, their ability to survive without changing much demonstrates that their body form and habits remain successful in modern aquatic habitats as well as 50-200 million years ago. We no longer see dinosaurs roaming the earth, but you can still observe ancient types of fishes swimming in the Museum's aquariums.

Mississippi Museum of Natural Science Expands Research and Collections Section

New facility to house over one million specimens

On March 5, Senator Thad Cochran and Chris Zachow, president of the Mississippi Museum of Natural Science Foundation, joined officials from the Mississippi Museum of Natural Science and Mississippi Department of Wildlife, Fisheries and Parks to dedicate and tour the Mississippi Center for Conservation and Biodiversity (MCCB). The MCCB is an expansion of the Museum's existing collections and laboratory space which houses more than one million scientific specimens. Prior to the construction of this \$5 million dollar research facility expansion, many of the Museum's collections were at or near storage capacity. The Museum's biological collections originated in 1935, and currently consist of more than 1,000,000 specimens.

"Much of what we understand about our world, we owe to the collection, preservation, and study of natural specimens. Properly preserved collections of plants, animals, and fossils are libraries of Earth's history, and are vital to our ability to learn about the past and future," explained Libby Hartfield, Museum director. "This knowledge helps guide decision making that leads to healthy ecosystems which benefit our citizens now and into the future. The work undertaken as far back as the 1930's by the Museum's first director, Miss Fannye Cooke, still impacts us today. And the work that the MCCB engages in now will impact the lives of our children and their grandchildren."

For more than eighty years a primary objective of the Museum has been to document and research Mississippi's biological resources in addition to educating and entertaining the more than 150,000 Mississippians and tourists to our great State that visit the Museum each year.

At the dedication, Hartfield announced that the American Association of Museums has renewed the Mississippi institution's museum accreditation. Accreditation is a widely recognized seal of approval that brings national recognition to museums. Accredited museums are looked up to as leaders in the field and must be re-accredited every ten years. The Mississippi Museum of Natural Science has been accredited since 1982.

Senator Thad Cochran, praising the reaccreditation and the importance of the MCCB scientific collections to the citizens of Mississippi, said, "Natural science collections are fundamental reference points for measuring and monitoring human health, safety, and the state of our planet. They are also essential to the advancement of research in the biological, earth, and environmental sciences. The Museum already has a very good reputation as a museum and scientific research facility. That reputation has been reaffirmed with its renewed museum accreditation and its expanded research facilities."

Funding for this project was provided by the Mississippi Legislature, the National Oceanic and Atmospheric Administration, and the National Park Service. Senator Cochran supported federal funding through his role as vice chairman of the Senate Appropriations Committee. Scott Eddy and the staff from Barlow, Eddy, Jenkins Architects designed the expansion and David and Leanna England of England Enterprises constructed the expansion.



U.S. SENATOR THAD COCHRAN ADDRESSES THE IMPORTANCE OF NATURAL SCIENCE COLLECTIONS



MUSEUM DIRECTOR LIBBY HARTFIELD EXPLAINS THE IMPACT THAT PROPERLY PRESERVED COLLECTIONS HAVE ON DECISION MAKING



LIBBY HARTFIELD (MUSEUM DIRECTOR), SENATOR COCHRAN AND CHRIS ZACHOW (MMNS FOUNDATION PRESIDENT)



DR. MATT ROBERTS (MMNS ICHTHYOLOGIST) TAKING LOCAL MEDIA ON A TOUR OF THE COLLECTIONS



Current Research:

Spotted skunk preliminary surveys started in May 2012. Surveys will begin this fall throughout North Mississippi. For details, contact Scott Peyton (Collections Manager) at collections.manager@mmns.state.ms.us.



Recent Acquisitions:

Stoneville Weed Science Laboratory's Herbarium

Numbering about 23,600 species; available as loan material to researchers for examination. This important collection contains vouchers from across the U.S. for research, species of special concern in Mississippi, and numerous records cited in publications.

Dr. Charles T. Bryson Private Collection

About 20,000 sedge specimens from across the U.S., noted as the best collection of Mississippi sedge species in the nation. Following the publication of Dr. Bryson's sedges of Mississippi book, this collection will be available for examination. For details, contact Heather Sullivan (NHP Botanist) at heather.sullivan@mmns.state.ms.us.

Tulane Collection

Consisting of freshwater shrimp and crayfish, and mollusks (including snails and mussels); currently being incorporated into the MMNS catalog. The oldest specimen so far is crayfish dated 1881 and several now extinct mussels from the 1960's. This collection is extremely valuable due to the large variety of specimens including some from Australia and Central America. For details, contact R.L. Jones, PhD. (Herpetologist) at bob.jones@mmns.state.ms.us.

Steadfast Supporters

\$100,000-\$200,000

Abe Rotwein Family
The Chisholm Foundation
Regions Bank
Deposit Guaranty/AmSouth Foundation
Ergon

Bryant Mather
Mississippi Museum of Natural Science Foundation
U.S. Fish and Wildlife Service
The Bower Foundation

\$50,000-\$100,000

BellSouth
Magalen O. Bryant & Tara Wildlife Management
Community Foundation of Greater Jackson
Chevron
Entergy
Environmental Protection Agency
Friede Goldman
Gannett Foundation/*The Clarion-Ledger*
Institute of Museum and Library Services

Gertrude C. Ford Foundation
Phil Hardin Foundation
Mr. & Mrs. Dudley Hughes
Irby Companies
Richard McRae, Jr., Family
Mississippi Chemical Corporation
Mississippi Farm Bureau Federation
National Fish and Wildlife Foundation/
Shell Marine Habitat Program
Dr. & Mrs. Steve Zachow

\$25,000-\$50,000

Blue Cross & Blue Shield of Mississippi
Bureau of Land Management
Delta and Pine Land Company
Feild Cooperative Association, Inc.
Foundation for the Mid South
Georgia-Pacific Corporation
International Paper Foundation
Jackson Convention & Visitors Bureau
Merrill Lynch
MS Department of Environmental Quality
Mississippi Power Company
Mississippi Valley Gas Company
Molpus Woodlands Group

Paul T. Benton
Plum Creek Foundation
Pruet Companies
Sanderson Farms
Trustmark National Bank
U.S. Department of Transportation
U.S. Forest Service
Mr. & Mrs. William J. Van Devender
The Walker Foundation
Dr. & Mrs. Julian Wiener
Weyerhaeuser Company Foundation
Yazoo Mississippi Delta Levee Board

\$10,000-\$25,000

The Armstrong Foundation
AT&T
BancorpSouth Foundation
Betsy & Wade Creekmore
Cellular South Foundation
Howard Industries, Inc.
Mississippi Arts Commission
Mississippi Forestry Association
Mississippi Forestry Foundation

National Geographic
Society Education Foundation
Nissan of North America, Inc.
Soterra LLC
Sprint PCS/US Unwired
St. Dominic Health Services
The Straddlefork Foundation
Wild Turkey Federation

New Members/Donors

Life

Jan A. Allinder
 Alex Alston, Jr.
 John E. Ashcraft, Jr.
 Sam Beibers
 Katie Briggs
 Polly Briggs
 Magalen O. Bryant
 Kevin Caldwell
 Mr. & Mrs. Bill Cook
 Opal H. Dakin
 Marianne & Jack Dempsey
 Theo Dinkins
 Halla Jo Ellis
 Sean Wesley Ellis
 Billie M. Ellison
 Sylvia Ann Finman
 Mr. & Mrs. Wesley Goings
 Mr. & Mrs. Chris Hall
 Mr. & Mrs. Richard Harding
 Paul Hartfield
 Emily Hartfield
 Matthew Holleman, III
 Michael & Janice LeBlanc
 William L. Lee
 Jennie McIntosh
 Mr. & Mrs. David McMillin
 John Palmer
 Jackie & Avery Rollins
 Suzanne Rotwein
 James E. Stary
 Carol Taff
 Richard Vavrick
 Ellan Vavrick
 Robert & Janice Whitehead
 William Roberts Wilson, Jr.
 Dr. & Mrs. Steve Zachow

Sustaining

(\$1,000 OR MORE)
 Ms. Magalen Bryant
 Hiram & Elizabeth Creekmore
 Robert Fairbank, Jr.
 Mr. & Mrs.
 Christopher Gedemer
 John Gwaltney
 Melissa & David Patterson
 Lottie Smith
 Karen Whitworth

Patron

(\$500 OR MORE)
 Glade McInnis
 Michelle Pharr
 William Stripling
 Ernest & Beth Taylor

Donor

(\$250 OR MORE)
 Louisa Dixon
 James Grissom
 Trudy Moody
 Don & Becky Potts
 Mark Robinson
 Granville & Sue Allen Tate
 Chris Travis
 Susan Watkins
 Kathryn Wiener

Friend

(\$100 OR MORE)
 Murphy & Ruth Adkins
 Craig & April Blackwell
 David Bowen
 Charles & Becky Brasfield
 Mr. & Mrs. Ramon Callahan
 Kane & Betty Ditto
 Dr. Edgar Draper
 Terry Dwyer
 Sean W. Ellis
 Jane & Ed Emling
 John & Ann Fournet
 Dr. Nola Gibson
 Clyde Hare
 Noma Hill
 Penny Kochtitzky
 Peter & Carolee Kuchirka
 Dr. & Mrs. T. W. Lewis III
 Jerry Linton
 Mary Lockhart
 Jeanne Luckett
 Mr. & Mrs. Charles O. Martin
 Don & Mary Mitchell
 David Morgan
 Jeanette Morgan
 Bill Osborne
 Hap & Hilda Owen
 Tom & Ruth Pullen
 Russell Rooks
 Ray & Dardanella Shenefelt
 Rickey Shields
 Billy Simmons
 Jim Sledge
 Margie Smith
 Mary Elizabeth Smith
 James E. Starnes
 Dr. Aaron Trubman
 Martha Ueltschey
 Marilyn Vockroth
 Mr. & Mrs. Robert Weaver
 Mildred Wells
 Charles West
 Don & Patsy West
 Beth Wilson

Family

(\$65 OR MORE)
 Mr. & Mrs. Jeff Ainsworth
 Warwick Alley
 Erin Barbour
 Joe Benigno
 Tom Bertaut
 Demetria Blakes
 Terri Browser
 Mr. & Mrs. Bart Bullock
 Mr. & Mrs. Kris Carmichael
 Dnaielle Caudle
 Hai Ying Chen
 Rebecca Coco
 Caroline Compretta
 Matthew Crawford
 Dale Hayes
 John Decker
 Mr. & Mrs. Clarence DeVos
 Bobby Dixon
 Heather Farrington
 Ken Fortenberry
 Alex George
 Bryan Graves
 Lanet Gregory
 Mr. & Mrs. James Harrell
 Robbi Harrell
 Leah Harris
 Tiffany Hebb
 Mr. & Mrs. Frank Hensley
 Sandra Hindsman
 Mr. & Mrs. Greg Hinton
 Cindy Johnson
 Henry Jones
 Minh Kinsey
 Deborah Lambert
 Lorraine Magee
 Kimberly Mangum
 Rebecca Martin
 Edwin McAllister
 Natalie McGehee
 Mr. & Mrs. Josh McKay
 Jennifer Miller
 Lara Monico
 Jerry Montgomery
 Jim Moritsugu &
 Gayle Entreklin
 Mr. & Mrs. Seth Morrison
 Mr. & Mrs. Sam Murray
 Traci Peyghambarian
 Ann Phillips
 Christina Polk
 Anand Prem
 Sunie Purvis
 Mr. & Mrs. Wayne Rhea
 Mr. & Mrs. John Rogers
 Mr. & Mrs. Nick Rosales
 Mr. & Mrs. Garret Salassi
 John Scott
 Jennifer Smith

Mr. & Mrs. Carlous Smith
 Maedell Smith
 Geri Story
 Catherine Stradinger
 Christy Symon
 Tina Taylor
 Alberta Taylor
 Wendy Thompson
 James Turner
 Irene Turner
 Jeff Upchurch
 Mr. & Mrs. Austin Walker
 Mr. & Mrs. Ken Walker
 James David West
 Mr. & Mrs. Matt Weston
 Jessica White
 Aleen Wilkinson
 Mr. & Mrs. Robert Wilkinson
 Robert Williams
 Amy Williams
 Feng yun Yang
 H.N. York
 Chery Yuan
 Angie Zadrozny

General Sponsors

Cooper Animal Hospital
 Communication Arts Company
 Garden Club of Madison
 My Joy, Inc.
 Halla Jo Ellis

Education Outreach Initiatives Sponsors

The Bower Foundation
 Phil Hardin Foundation
 Entergy
 Lower Pearl River
 Valley Foundation
 Rock River Foundation
 Yazoo Mississippi
 Delta Levee Board

Dinosaurs

Exhibit Sponsors
 Mississippi Department
 of Wildlife, Fisheries,
 and Parks
 Mississippi Museum of
 Natural Science Foundation
 Gertrude C. Ford Foundation
 Nissan of North America, Inc.
 Regions Bank
 Dr. Olyye & Dr. Aaron Shirley
 Chris & Steve Zachow

FOUNDATION

MISSISSIPPI
 Museum of
 Natural
 Science

The Mississippi Museum of Natural Science Foundation is the lifeblood of our Museum, providing man power, financial assistance, and moral support. The Foundation invites you to join today!

OFFICERS

Chris Zachow
 PRESIDENT

Alex Alston, Jr.
 VICE PRESIDENT

Janice Larson
 SECRETARY/TREASURER

BOARD OF DIRECTORS

George Allen	Matt Holleman, III
Alex Alston, Jr.	Janice Larson
Betsy Creekmore	Ashley Parker
Opal Dakin	Alice Perry
Marianne Dempsey	Avery Rollins
Halla Jo Ellis	Olyye Brown Shirley
Sean Wesley Ellis	Sheila Smith
Dick Hall	Phillip Street
Libby Hartfield	Chris Zachow
LoRose Hunter	

JOIN TODAY!

All members enjoy FREE admission to the Museum, invitations to members-only events, a subscription to our newsletter, and discounts at the Dragonfly Shoppe. Higher levels of membership receive additional benefits, such as public recognition of their contributions, additional admission passes, and even the private use of Museum facilities. And all memberships entitle you to FREE admission to more than 200 other museums nationwide through a reciprocal membership program.

Individual memberships start at \$40. Help preserve the best of Mississippi's natural world!



MUSEUM DIRECTOR LIBBY HARTFIELD AND MEMBERS OF THE MNNS FOUNDATION BOARD OF DIRECTORS AT THE ANIMAL SECRETS EXHIBIT OPENING



THANK YOU TO PLUM CREEK TIMBER COMPANY AND ALL OF THE ANIMAL SECRETS EXHIBIT SPONSORS. MORE THAN 36,800 PEOPLE VISITED THE EXHIBIT.

Mississippi Museum of Natural Science
2148 Riverside Drive
Jackson, MS 39202-1353

NON-PROFIT ORG.

U.S. POSTAGE

PAID

JACKSON, MISS.

PERMIT NO. 932



MISSISSIPPI
Museum of
Natural
Science

601-576-6000

WWW.MSNATURALSCIENCE.ORG

f FACEBOOK.COM/MSNATURALSCIENCE

MUSEUM HOURS

MON-FRI 8AM-5PM

SAT 9AM-5PM; SUN 1PM-5PM

ADMISSION

Members: FREE

Children under 3: FREE

Children ages 3-18: \$4

Adults: \$6

Senior Citizens 60 & over: \$5

Call for group rates

LOCATION

I-55 at Lakeland Drive

(WITHIN LEFLEUR'S BLUFF STATE PARK)



DRAGONFLY SHOPPE

The Museum offers a thoughtful selection of gift items that coordinate with our current special exhibit *Dinosaurs*. From books to fossils, jewelry to puppets, and science kits to t-shirts—make your shopping choice a natural one!

FEATURED GIFT SHOP ITEMS:

Dinosaur Crossing

sign \$13.99 plus 7% sales tax

Stegosaurus Dinosaur Skeleton

excavation kit \$10.00 plus 7% sales tax

Dinosaurs DK Pockets

book \$6.99 plus 7% sales tax

T. Rex Moveable Mouth

toy \$25.99 plus 7% sales tax

20" Apatosaurus

stuffed animal \$14.99 plus 7% sales tax

GIFT SHOP HOURS:

Mon-Sat 9AM-4PM Sun 1-4PM

DON'T FORGET, FOUNDATION MEMBERS RECEIVE A 10% DISCOUNT!



The Dragonfly Shoppe
is a Mississippi
Museum of Natural Science
Foundation sponsor.