



PHOTO BY JAMES PATTERSON (JP)



PHOTO BY RON BLAYLOCK



JP

ANNUAL REPORT 2009 - 2010



AT A GLANCE

150,004

visitors hosted at Museum

38,802

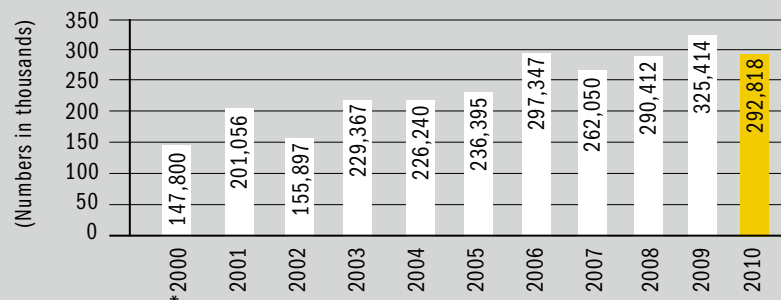
people used object kits, information, and materials

+ 104,012

Mississippians served in statewide outreach

= 292,818

people served through Museum services



*Attendance records for the Museum at our LeFleur's Bluff State Park location began in Spring of 2000.

This has been a very difficult year by any measure. Budget cuts in our state funding have been huge, private funding has decreased and the Deepwater Horizon Oil Spill challenged us all with another disaster, just as Hurricane Katrina's scars were beginning to heal. That said, we are amazed by all the accomplishments the Mississippi Museum of Natural Science's staff, volunteers and partners have pulled off this year.

In the past twelve months the Museum has hosted two very successful exhibits: *Smokey Bear & Woodsy Owl: Home Sweet Home* and *Megalodon: Largest Shark That Ever Lived*. More than 150,000 visitors passed through our doors, and as a result, we were named the Travel Attraction of the Year by the Jackson Convention and Visitors Bureau again this year (we've received this recognition seven times in the past ten years).

Our latest education initiative, Growing UP WILD, a new workshop for educators of young children, joins Project WET and Project WILD teacher workshops as an important tool for improving science education in our state while addressing health issues such as obesity and diabetes by encouraging outdoor activity. As an added bonus these programs also coordinate with the state science standards.

The education staff has been down-sized but our outstanding educators still use live animals and natural objects to educate students from all 82 counties about Mississippi's bountiful environments. Programs for Boy Scouts and Girl Scouts have been increased due to a grant of private funds used for scouting projects.

The scientific staff has been very active this year. Our multi-year coastal bird surveys are more important than ever, in light of the oil spill, and will extend for two more years with awards of new federal and private funding for this study. Several of our biologists served on advisory teams to review mitigation and permitting issues and often provided conservation planning expertise. Projects studying turtles, bats, birds, fish, amphibians, invertebrates and fossils continued the vital work of documenting the state's flora and fauna. The Museum's scientific collections now hold over one million preserved specimens that allow researchers from all over the world the opportunity to further their knowledge about Earth's past, present, and future. The expansion of our scientific facilities, using federal funds and bond money, is on schedule and construction should be completed in the coming spring.

None of this would be possible without an incredibly capable and motivated staff and, of course, a loyal volunteer corps to help the staff by doing such varied tasks as greeting our visitors, reconstructing fossil skeletons, or cleaning aquarium glass in full SCUBA gear.

The Museum endeavors to be an active part of the community in which we reside as well as an educational and scientific resource for our state.

The Foundation exists to support the Museum and its goals. Thanks so much for being a partner in this important work.

Christine Zachow
MMNS FOUNDATION PRESIDENT

Libby Hartfield
MMNS DIRECTOR

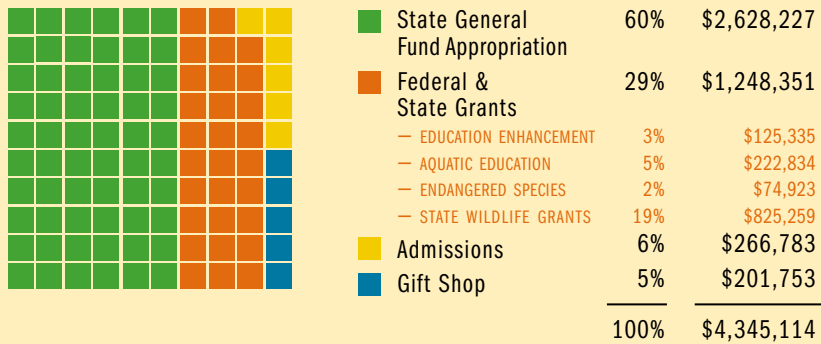
MUSEUM FUNDING AND EXPENDITURES

The charts below illustrate the Museum's state and federal funding, revenue from admissions and gift shop sales, and operating expenditures.

In addition to the data reported on the charts below, the Museum received and expended building funds of \$1,644,514 from NOAA for the expansion of the Museum's laboratories and collections area.

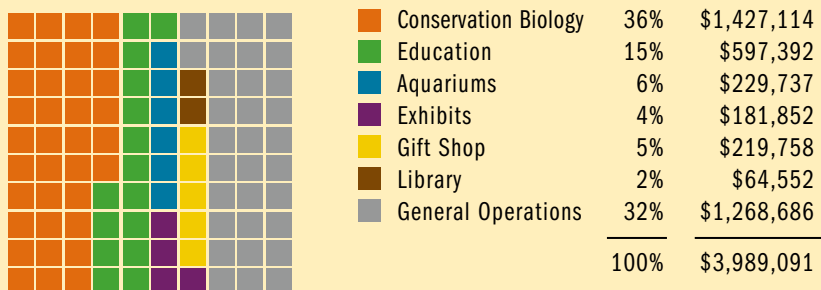
FUNDING BY SOURCE

July 1, 2009 - June 30, 2010



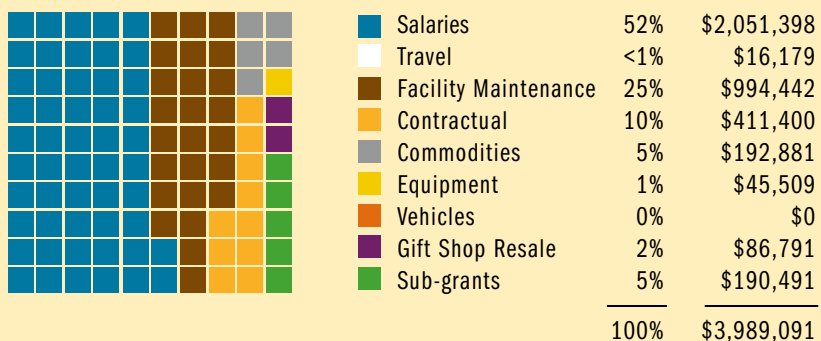
EXPENDITURES BY SECTIONS

July 1, 2009 - June 30, 2010



EXPENDITURES BY BUDGET CATEGORIES

July 1, 2009 - June 30, 2010



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.

The Mississippi Museum of Natural Science Foundation is a not-for-profit 501(c)(3) organization dedicated exclusively to improving the Mississippi Museum of Natural Science (MMNS). This goal is primarily accomplished by providing and encouraging funding for the Museum from a variety of public and private sources. Private funding may come in many forms, including tax-deductible dollar donations, as well as the energy and expertise donated by laypeople and professionals.

Without the Foundation and its dedicated leaders, volunteers and membership, the Mississippi Museum of Natural Science as we know it today would not be possible. Whether through inspiring financial support for the Museum's extraordinary exhibits, recruiting manpower for the Museum's activities and research projects, or accomplishing any number of other fundraising and volunteer functions, the symbiosis between the Museum and the Foundation represents the strongest of natural relationships.



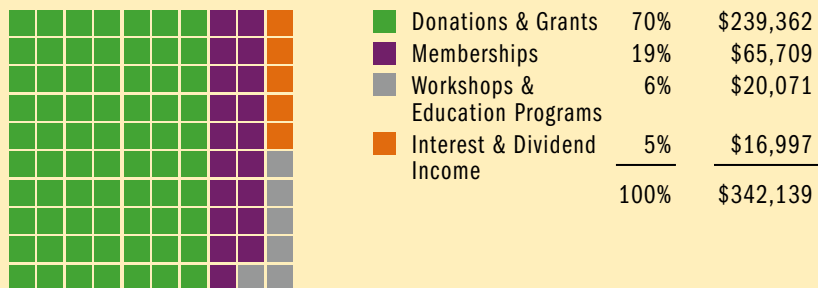
Libby Hartfield, Stoney Thomas (NISSAN), Gloria Alley, and Will Walker (The Walker Foundation), Gabrielle Ott & Chris Zachow



FOUNDATION REVENUE AND EXPENDITURES

These charts illustrate the private donations and grants received by the MMNS Foundation and the expenditures made with the funds.

MMNS FOUNDATION REVENUE January - December, 2009



MMNS FOUNDATION EXPENDITURES January - December, 2009



FOUNDATION LEADERSHIP

These dedicated volunteer leaders give the Museum their time and expert advice in the areas of site development, planning, exhibits, education and fundraising.

OFFICERS

Chris Zachow
PRESIDENT

Alex Alston, Jr.
VICE PRESIDENT

Janice Larson
SECRETARY/TREASURER

BOARD OF DIRECTORS

George Allen

Alex Alston, Jr.

Paul Benton

Betsy Creekmore

Opal Dakin

Marianne Dempsey

Halla Jo Ellis

Sean Wesley Ellis

Dick Hall

Libby Hartfield

Matt Holleman III

Janice Larson

Ashley Parker

Alice Perry

Avery Rollins

Ollye Brown Shirley

Sheila Smith

Phillip Street

Chris Zachow



STEADFAST SUPPORTERS

Steadfast supporters are donors who have contributed to the Foundation with years of funding through a variety of projects and interests.

ACCOMPLISHMENTS FOR FY 2009-2010

- **\$342,139** donations this year to all projects
- **\$4,022,183** total donations to date over **9** years

\$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

\$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*
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 Zach

\$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.
Institute of Museum and Library Services
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



EXHIBIT SPONSORS

Exhibit sponsors are donors who have given money to enable our Museum to host special exhibits. It takes funding and commitment to secure traveling exhibits that will relate to our educational mission and attract public attention. Museum staff work diligently for months in advance to prepare for, install, and promote visiting exhibits. This year's lineup included the contract coordination and display of three nationally acclaimed exhibits.

SPECIAL EXHIBITS/VISITORS FOR FY 2009-2010

- **MONSTERS OF THE DEEP**
74,686 visitors, July 1, 2009 – January 8, 2010
87,986 total visitors
exhibit duration June 13, 2009 – January 8, 2010
- **SMOKEY BEAR & WOODSY OWL: HOME SWEET HOME**
42,258 visitors, February 13, 2010 – May 13, 2010
- **MEGALODON: LARGEST SHARK THAT EVER LIVED**
18,076 visitors, June 4, 2010 – June 30, 2010
exhibit duration June 4, 2010 – January 9, 2011

MONSTERS OF THE DEEP

Gertrude C. Ford Foundation
Dudley Hughes
The Walker Foundation
The Chisholm Foundation
Feild Cooperative Associates, Inc.
Sanderson Farms, Inc.
Nissan of North America
Regions Bank
Betsy Creekmore
Dr. & Mrs. Steve Zachow
Dr. Ollye Shirley

MEGALODON: LARGEST SHARK THAT EVER LIVED

MMNS Foundation
Gertrude C. Ford Foundation
Institute of Museum and Library Services
Clarion Ledger
Walker Foundation
Anonymous
Nissan
Regions Bank
Dr. & Mrs. Steve Zachow
MS Power Company
Mr. & Mrs. Dudley Hughes

SMOKEY BEAR & WOODSY OWL: HOME SWEET HOME

MMNS Foundation
AT&T
U S Forest Service
Anonymous
Paul Benton
Chisholm Foundation
Feild Cooperative Associates, Inc.

Dick and Sally Molpus
Plum Creek
Sanderson Farms
Trustmark
Family of Catchings B. Smith
Chris and Steve Zachow



GENEROUS GIFTS

Donations and gifts to the Museum come in all shapes, sizes, and purposes. It is gifts like these that make very special collections, undertakings and commemorations possible.

PHOTOGRAPHIC SERVICES

James Patterson (JP)

NATUREFEST!

Merrill Lynch

MAKE A SPLASH

MS Department of Environmental Quality

BOY SCOUT AND GIRL SCOUT PROGRAMS

Amsouth Foundation

CRITTER SPONSORS

Marian Bowen
Sara Z. Burns
Brandy Cannon
Georgia Clesi
Louisa Dixon & Jerry Johnson
Halla Jo Ellis
Sean W. Ellis
Mr. & Mrs. William A. Hays
Richard & Leigh Johnson
Catherine Klipple
Benjamin Lobred
Kim Martinez
Kate Sharp

SPONSORS

Elaine and Emanuel Crystal Charitable Fund of the Community Foundation of Greater Jackson
Antonelli College
Marianne & Jack Dempsey
B. E. Gandy
Don Hansen
Jackson Council of Garden Clubs
Tom Moore
Neil Payne
Lewis Rogers

TRAILS

Buffalo Peak Outfitters

MEMORIALS

In memory of Bruce Davis
by Mr. & Mrs. Jack Dempsey
In memory of Viola Gordon Harrison
by Halla Jo Ellis
by Mr. & Mrs. Robert V.M. Harrison

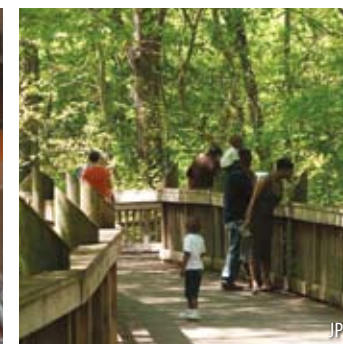


PHOTO BY RON BLAYLOCK



FOUNDATION MEMBERSHIP

MMNS Foundation membership is more than 1,600 strong and provides vital energy and resources for Museum activities.

MEMBERSHIP NUMBERS FOR FY 2009-2010

□ **28** new members welcomed □ **1,602** total members

LIFE MEMBERS

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
 Dr. 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
 Emily Hartfield
 Paul & Libby Hartfield
 Matthew Holleman, III
 Michael & Janice LeBlanc
 William L. Lee
 Jennie McIntosh
 Mr. & Mrs. David McMillin
 John Palmer
 Jackie & Avery Rollins
 Dr. Suzanne Rotwein
 Rosalie Rotwein
 Dr. James E. Stary
 Carol Taff
 Richard Vavrick
 Ellan Vavrick
 Robert M. & Janice
 M. Whitehead
 Mr. William Roberts
 Wilson, Jr.
 Dr. & Mrs. Steve Zachow

SUSTAINING MEMBERS

(\$1,000 OR MORE)
 Magalen O. Bryant
 Betsy & Wade Creekmore
 Hiram &
 Elizabeth Creekmore
 Robert Fairbank, Jr.
 Chris & Jen Gedemer
 Melissa & David Patterson
 Lottie Smith
 Pam & Rob Wells

BENEFACTOR MEMBERS

(\$750 OR MORE)
 Eddie L. Pope

PATRON MEMBERS

(\$500 OR MORE)
 Charlotte Icardi
 Hap & Hilda Owen
 Eddie L. Pope
 Dr. Olye B. Shirley
 William B. Stripling, Jr.
 Ernest & Beth Taylor
 Gloria Walker
 Karen & Neil Whitworth
 Adair Williams

DONOR MEMBERS

(\$250 OR MORE)
 Frederick &
 Marian (Cissy) Anklam
 Steven & Erin Chevalier
 Sidney & Holt Crews
 Louisa Dixon & Jerry Johnson
 Mr. & Mrs. Jason Graeber
 Jim Grissom
 Commissioner Dick Hall
 Mr. & Mrs. Chris Hall
 Catherine Klipple
 Mr. & Mrs. Alan Lange
 Mary G. Lockhart
 Drs. Timothy &
 Nancye McCowan
 Mr. & Mrs. Sidney
 Montgomery
 Michelle & David Pharr
 Don & Becky Potts
 Dan Smith &
 Kristi Sather-Smith
 Mr. & Mrs. Robert H. Weaver
 Kathryn Wiener
 Dr. & Mrs. Frank Wiygul, Jr.

FRIEND MEMBERS

(\$100 OR MORE)
 Murphy & Ruth Adkins
 George Allen
 Mrs. W.W. Aydelott
 Gerald & Elizabeth Barber
 David Bowen
 Liz & Steve Brandon
 Charles W. Brasfield, Jr.
 Charles & Becky Brasfield
 Jayne Buttoss
 Mr. & Mrs. Ramon Callahan
 Jay & Martha Cooke
 Elaine Crystal
 Kane & Betty Ditto
 Terry Dwyer & Marcy Petrini
 Jane & Ed Emling
 Dees R. Faucett
 Sara Fore
 John & Ann Fournet
 Dr. Nola Gibson

Donna R. Godwin
 Mr. & Mrs. Jack Harding
 Clyde & Barbara Hare
 Alice Harper
 Mrs. Norman A. Johnson, Jr.
 Joan M. Kaye
 Ernest A. Klatt, Jr.
 Ms. Penny Kochtitzky
 Peter & Carolee Kuchirka
 Dr. & Mrs. T.W. Lewis, III
 Jeanne Luckett & C.B. Carroll
 Chester O. Martin
 Verneda Mason
 John & Melody Maxey
 Glade & Emily McInnis
 Don & Mary Sue Mitchell
 Mrs. Jeannette Morgan
 Maurice A. Murray
 John Nabors
 Bill & Susan Osborne
 Ashley & Wheeler Parker
 C.H. Phillips, II
 Mary & Alex Purvis
 Joy Rhoads
 Allen Richert
 John L. Rings
 Mr. & Mrs. E. Barney
 Robinson, III
 Dr. Lewis F. Rogers
 Mr. & Mrs. Tony Roughton
 Art Salomon
 Mike Schmidt
 Ray & Dardanella Shenefelt
 Dr. & Mrs. J. George Smith
 Margie L. Smith
 Dr. & Mrs. Steven Speights
 James E. Starnes
 Bill & Hiabba Storey
 Wes & Kim Stover
 Stacey Stracener
 William B. Stripling, Jr.
 Ed Swiatlo
 Granville & Sue Allen Tate
 Stephen L. Thomas
 Harriet & Aaron Trubman
 W. Lamar & Nanette Weems
 Dr. & Mrs.
 Christopher Wiggs
 Beth & Fred Wilson
 Dr. & Mrs. John D. Wofford

VOLUNTEER SERVICES

Volunteers are an essential part of the Museum's workforce.

Volunteering at the Museum is an opportunity for teens, college students, professionals, and retirees to interact, share, learn, teach, and serve in a stimulating environment.

The Museum's volunteer program provides many enrichment opportunities on-site through training led by our own education and research staff, as well as guest speakers. Museum-sponsored travel to natural areas around Mississippi gives volunteers first-hand awareness of the species and habitats we continually work to preserve and protect.

Exploring the Museum trail system connects our volunteer community with the "inside-out" nature of this Museum, emphasizing a deeper awareness of the relationship between our indoor exhibits and the natural environment of Lefleur's Bluff State Park. Through the "Hike and Learn" seasonal weekly staff-guided hikes, volunteers are gaining understanding of the Museum's work as a whole.

Museum volunteers have also begun collecting regular data on the abundance of butterfly species in the park, and maintaining that data with the guidance of our Natural Heritage Program staff.



The rich variety of the volunteers' own natural science knowledge and past experience creates a dynamic atmosphere of on-going learning within the volunteer program. That knowledge, energy and enthusiasm is delivered directly to our visitors. The Museum's 116 current active adult and youth volunteers daily inspire visitors to appreciate, respect, and preserve natural Mississippi.

VOLUNTEER SERVICE FOR FY 2009-2010

- more than **6,530** hours of service - a dollar value of **\$132,237**
- more than **130** active volunteers on our rolls ranging in age from **13 - 80**
- **Outdoor Projects:**
Trail repairs and improvements, introduced species removal, gardening, and trash pick-up
- **Museum Services:**
Including greeting visitors, assistance in gift shop, exhibits interpretation and maintenance, informal programs, assistance with events, research, special projects, general office functions, and aquarium diving for public fish feeding and cleaning.
- **15** volunteers have each devoted more than **1,000** hours (see list below) in the past **20** years. **2** volunteers, Joy Rushing and John Davis, have devoted more than **3,000** hours in the past **7½** years.

MORE THAN 1000 HOURS OF VOLUNTEER SERVICE

Martha Boone Cooper
 Marianne L. Dempsey
 Gladys Gurman
 Jean Headrick
 Jim Leonard
 Mary Bea McArdle

Mike McNeese
 Michael A. Stegall
 Halla Jo Ellis
 John D. Davis
 Billie Ellison

John Suedel
 Judith T. Davis
 Joy Rushing
 Lou F. Moore
 Peter Kuchirka



Offering something for everyone, the Mississippi Museum of Natural Science hosted within its doors 150,004 visitors from all 82 Mississippi counties, all 50 states, and 65 foreign countries this year.

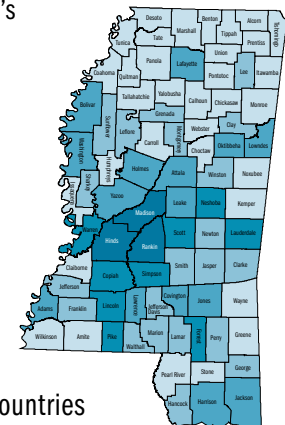
With more than 30,000 square feet of display space, 100,000 gallons of aquatic attractions, and over two miles of flora and fauna-filled walking trails, these masterpieces of science, education, and entertainment are enough to keep people coming back to the Museum all year and every year.

- **150,004** visitors hosted at the Museum
- **48,153** visitors accessed information at www.msnaturalscience.org
- SUMITT Award for Attraction of the Year (Superlative Merit in Travel & Tourism)—Jackson Convention and Visitors Bureau
- Family Favorite-Best Museum for Kids Award—Jackson's *Parents & Kids Magazine 2010 Family Favorite*
- Best Place to Take Out of Towners (Good Showing)—Jackson Free Press Newspaper
- Recognized as an AAA Southern Travel Treasure
- Best Museum from Mississippi Magazine
- Red Rose Award to Libby Hartfield from Delta Kappa Gamma Society
- Family Choice Award from Family Magazine Group
- 2009 Environmental Hero and Recycler of the Year for State Government Agencies from the Mississippi Recycling Coalition
- Joe McGee, Outreach Educator, named Mississippi's Project WILD Facilitator of the Year
- Reached **20,000** listeners per week through *Creature Comforts*, a call-in radio show about Mississippi's critters on MPB Thursdays at 9:00 am with Museum Director Libby Hartfield and guests

NUMBER OF MUSEUM VISITORS

- | | |
|-------------|----------------|
| 1 - 250 | 1,001 - 5,000 |
| 251 - 500 | 5,001 - 71,151 |
| 501 - 1,000 | |

Out-of-State Visitors:
9,093 from 49 states; 509 from 65 countries





PERMANENT AND CHANGING EXHIBITS

Much of the Museum's public appeal comes from its collection of carefully crafted permanent exhibits within the Museum walls and throughout its grounds at LeFleur's Bluff State Park. These installations give the Museum's educational mission substance and give the public something they can see, hear, touch and explore.

AQUARIUM HIGHLIGHTS FOR FY 2009-2010

- Aquarium staff maintained more than **300** different species of aquatic animals.
- Staff and volunteers performed more than **150** SCUBA diver fish feedings and visitor touch tank live animal demonstrations.
- Conducted **40** "behind the scenes" aquariums tours.
- Aquarium staff participated in Make a Splash activities.
- Additional energy efficient lighting was installed on more intermediate sized tanks to improve animal health and provide a more natural appearance.
- Mature female Cow-nosed ray captured in the Mississippi Gulf in April and added to Mississippi Sound Tank
- Installed new free standing tank of small sharks added in aquarium hall during Megalodon exhibit with live eggs of bamboo sharks. Introduced visitor touch tanks for *Monsters of the Deep* exhibit.
- Signage added which highlights the newly discovered species of turtle, Pearl Map Turtle, which we already have in the Pearl River tank.
- **425** visitors learned about Mississippi snakes on Snake Day 2010.
- **150** participants enjoyed Got FISH? seminars

EXHIBIT HIGHLIGHTS FOR FY 2009-2010

- Designed and fabricated new graphic mounts for *Mississippi's Towering Treasures* tree exhibit.
- Major refurbishing of *Neotropical Migratory Birds and Raptors* exhibits. Added new specimens to the Neotropical exhibit.
- Designed and installed new ultra-violet and infrared lighting system to enhance the health of the turtles and alligators in the Terrarium. Refinished terrarium graphic monolith. Contracted for the installation of translucent window film in the Terrarium.
- Installed three high definition video players and screens to the *Stories in Stone* paleontology exhibit.
- Installed high definition video player and projector at the entrance to the aquarium area.
- The Museum also hosted / installed the following temporary exhibits:
 - *Monsters of the Deep* from Paleo Fun, Inc.
 - The *2010 Mississippi Federal Jr. Duck Stamp Art Competition* exhibit
 - *Smokey Bear and Woodsy Owl: Home Sweet Home* from The Betty Brinn Children's Museum
 - The *NASA Orion Space Capsule* from NASA
 - Designed and installed the **1st** annual Museum "Back to Nature" photography contest exhibit
 - *Megalodon: Largest Shark that Ever Lived* from the Florida Museum of Natural History

TRAIL HIGHLIGHTS FOR FY 2009-2010

- The Boy Scouts of the Andrew Jackson Area Council continue to solve trail problems with their Eagle Scout projects and have completed the following Eagle projects in 2010.
 - Nathan Bartosek: Chimney swift habitat towers in Museum front area along Highland drive.
 - Jared Easterling: reset gravel retaining wall on green trail on top of ridge behind Museum.
 - Philip Lanoux: built a bridge on purple trail, and porta-john platform at Lefleur's ridge camping area
 - Zachary Thaggard: gravel retaining wall on blue trail installed
 - Joseph Herrington: picnic benches and bollard gate at Lefleur's ridge camping area
 - Zach Hancock: Viewing deck at cypress pond on "purple" trail along the Pearl River
 - Kevin Ward: installed new benches and fire ring at newly opened primitive (tent) camping area in at Mayes Lake.
- Winter "privet pull" on "red" swamp terrace trail brought college students and families together in February.
- Fun trail run in conjunction with NatureFEST! 2010
- **1st** annual Museum "Back to Nature" photography contest produced many nice shots of the trails, river and park.





SPECIAL EXHIBITS

Thanks to our generous sponsors, the Museum is able to share special traveling exhibits three times a year for entertainment and educational purposes.

MONSTERS OF THE DEEP

(74,686 visitors, July 1, 2009 – January 8, 2010)

(87,986 total visitors, exhibit duration June 13, 2009 – January 8, 2010)

Monsters of the Deep transported 87,986 visitors into the underwater world of prehistoric creatures and modern-day aquatic giants in the first two weeks. Exhibits feature skeletons and realistically fleshed-out models. With their incredible teeth, gaping jaws, and long snake-like necks, the bizarre monsters of the ancient seas were unlike anything known today. In this fascinating prehistoric world, huge carnivorous, marine reptiles filled the oceans alongside sea turtles the size of a car. Although the creatures of the deep have changed over the past 65 million years, we are still fascinated with the modern marvels of present day monsters, such as the elusive Giant Squid and amazing whales.

- AAA Southern Travel Treasure Award (for the *Monsters of the Deep* exhibit)–The American Automobile Association

SMOKEY BEAR & WOODSY OWL: HOME SWEET HOME

(42,258 visitors, February 13, 2010 – May 13, 2010)

Two beloved American icons came to life in this educational, interactive exhibit for children which was experienced by 42,258 museum visitors. The exhibit was created in collaboration with the U.S. Forest Service and sponsored locally at the Mississippi Museum of Natural Science by AT&T and the U.S. Forest Service. The exhibit helped to bring kids to nature and nature to kids. Families were encouraged to spend time together outdoors and children were inspired to discover and care for the natural resources that sustain our world – our home sweet home.

MEGALODON: LARGEST SHARK THAT EVER LIVED

(18,076 visitors, June 4, 2010 – June 30, 2010)

(exhibit duration June 4, 2010 – January 9, 2011)

Megalodon: Largest Shark that Ever Lived cruised into Jackson on June 5, 2010. The 60-foot, 2-million-year-old Megalodon looms life-size in this mega-exhibit of modern and fossil sharks! Megalodon, the biggest prehistoric shark of all time, cruised all the world's oceans more than two million years ago.

This traveling exhibit highlights the evolution, biology and misconceptions of Megalodon. Related to the modern great white and mako sharks, Megalodon was a dominant marine predator for 15 million years before vanishing 2 million years ago. “Megalodon” was produced by the Florida Museum of Natural History with support from the National Science Foundation.

- AAA Southern Travel Treasure Award (for the *Megalodon: Largest Shark that Ever Lived* exhibit)–The American Automobile Association



Members and donors turned out in record numbers to open the *Megalodon: Largest Shark that Ever Lived* exhibit. MMNS Foundation President, Chris Zachow, welcomed the crowd.





PHOTO BY DEBORAH LOGAN



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The Mississippi Museum of Natural Science creates hands-on programs and activities every year—all centered on the Museum’s mission and the Mississippi Department of Education Frameworks. The demand for conservation education and outdoor educational experiences is increasing. School systems’ curriculums are focusing on hands-on, inquiry-based learning in the classroom. The Museum offers valuable educational programs for school children grades K-12.

The Museum’s twelve person education staff is comprised of coordinators, naturalists, and outreach educators. The staff draws on their diverse backgrounds to educate teachers, students, and the general public about natural Mississippi and its inhabitants. In addition, the Museum draws upon staff researchers and the scientific community at large to inspire visitors through lectures, panels, and literature.

The Museum designs and distributes many educational resources, including printed materials, videos and object kits for loan and online activities.

Educational programs at the Museum and in statewide outreach come in many forms:

- Age-appropriate, curriculum-coordinated, hands-on programs (Museum campus & statewide outreach programs)
- Instructional resources: printed materials, videos, object kits, and web-based activities
- Teacher workshops: Project WILD, Project WET, Growing Up WILD and Preschool Teacher Workshops
- Answers to information requests and technical guidance
- Professional contributions to scientific publications
- Lectures



PHOTO BY DEBORAH LOGAN



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MUSEUM PROGRAMS

Visiting groups to the Museum can choose from a number of activities, depending on their objectives and time schedules.

Every year the Museum provides age-appropriate, curriculum-coordinated, hands-on programs in many subject areas for grades K through 12.

Teachers can choose from these topics: mammals, birds, reptiles, endangered species, fish, invertebrates, plants or fossils. The Museum also offers an in-depth, hands-on wetlands program in which students become wetland researchers and learn to appreciate the importance of wetlands. We also offer fun and learning for preschoolers. Our Preschool Discovery Room was filled all year long with children ages 3 through pre-kindergarten 5 and their caregivers for age-appropriate hands-on learning.

Our summer program features Camp WILD, an annual summer camp adventure that puts kids in the middle of nature for an amazing week of educational experiences. Camp WILD's theme this year was Nature Detectives!

This summer also included the Junior Naturalist Camp designed to allow aspiring naturalists to learn what it is like to scientifically study nature. The theme this year was Ecology, focusing on animal populations and sampling and included an overnight in the Museum on the last night of camp. Our Preschool summer camp theme was "MUD" (a study of Megalodon, animals that live Underground, and Dog-like wild animals).

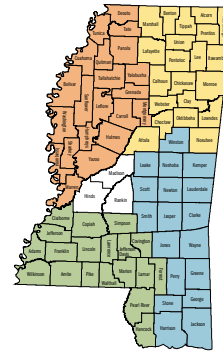
STUDENT PROGRAMS AT MMNS FOR FY 2009-2010

- **8** Camp WILD summer sessions with **119** in attendance
- **3** Stewpot Kids summer camp sessions with **69** in attendance
- Junior Naturalist Camp program with **29** in attendance
- **264** preschool group classes with **3,632** in attendance
- **14** preschool summer camp sessions with **167** kids and caregivers in attendance
- Junior Duck Stamp Art Competition sponsorship, exhibition, and reception with **445** entries
- **9th** Annual Make a Splash water awareness day
- **679** in-house, hands-on programs with **26,300** participants (including preschool group classes)



STATEWIDE OUTREACH PROGRAMS

Through a wide range of specially designed programs, projects, and events, the outreach educators bring the Museum's unique hands-on approach to learning to schoolchildren and adults statewide. Over the last eight years, our outreach naturalists conducted 6,930 programs with 304,560 participants. We now provide outreach to all 82 counties of the state of Mississippi.



□ Central Mississippi Counties access Museum programming directly

OUTREACH EDUCATION MISSISSIPPI COUNTIES

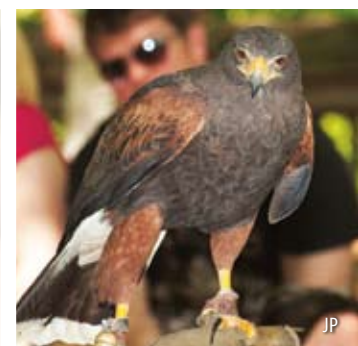
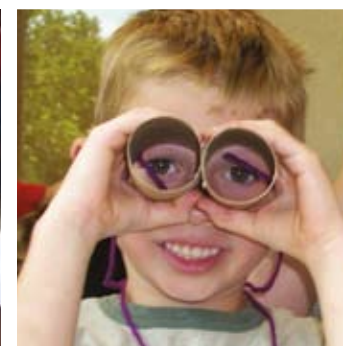
■ Northeast counties	237 classes (13,110 students)
■ Northwest counties	151 classes (14,381 students)
■ Southeast counties	389 classes (22,102 students)
■ Southwest counties	224 classes (9,110 students)

EDUCATION OUTREACH FOR FY 2009-2010

- **1,001** interactive classroom programs taught statewide
- **58,703** students and adults served by Outreach Naturalists statewide
- **38,802** people used object kits, information, materials, and technical guidance



PHOTO BY RON BLAYLOCK



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PHOTO BY DEBORAH LOGAN



TEACHER WORKSHOPS

The Museum maximizes its staff expertise and extends its influence by providing workshops all over the state that prepare teachers to fulfill state curriculum requirements in their own classrooms.

Project WILD is an interdisciplinary conservation and environmental education program emphasizing wildlife. Project WILD educational materials are provided to educators through practical, interactive 6-hour workshops. The program, designed for educators of grades K-12, capitalizes on the natural interest that children and adults have in wildlife by providing hands-on activities that enhance all subject and skill areas.

Project WET is an interdisciplinary, international water science education program for formal and non-formal educators of K-12 students. The mission of this program is to teach responsible water stewardship through excellent and effective water education. The *Project WET Curriculum and Activity Guide* is a collection of innovative, water-related activities that are hands-on, easy to use, and fun! Project WET focuses on many diverse water topics: watersheds, the water cycle, ecosystems, chemical and physical properties of water, quantity and quality issues, and conservation and management strategies.

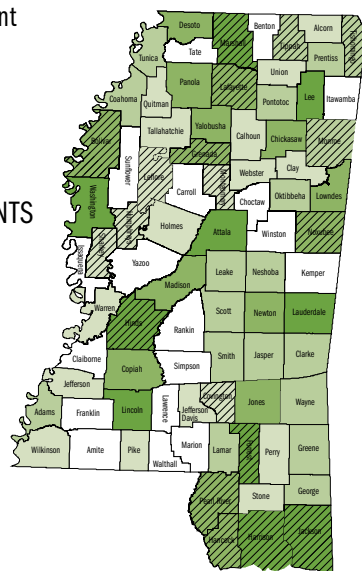
The Mississippi Museum of Natural Science serves as the state's primary sponsor of Growing Up WILD, a national early childhood education and training program for educators and caregivers of children ages 3-7. Growing Up WILD is a new initiative of the Council for Environmental Education (CEE) that builds on children's sense of wonder about nature and invites them to explore wildlife and the world around them. Through a wide range of activities and experiences, Growing Up WILD provides an early foundation for developing positive impressions about nature and lifelong social and academic skills.

TEACHER SERVICES AT MMNS FOR FY 2009-2010

- **45** six-hour teacher workshops for Project WILD & Project WET (organized and conducted for **725** participants)
- **6** preschool teacher workshops for **201** participants; including the new Growing Up WILD workshop program
- **13** Boy Scout & Girl Scout programs and workshops with over **450** attendees
- **1** Back-to-School Night teacher resource event
- Joe McGee, MMNS Outreach Educator, named Mississippi's Project WILD Facilitator of the Year

NUMBER OF OUTREACH PROGRAM PARTICIPANTS AND TEACHER WORKSHOPS

- 0
- 501 - 1,000
- 1 - 200
- 1,001 - 19,590
- 201 - 500
- ▨ Teacher Workshops



COMMUNITY AND STATEWIDE EVENTS

COMMUNITY EVENTS

The Museum hosts a number of ongoing and annual events that present unique opportunities for learning. Adult programming with dynamic lectures, live animal demonstrations, and creative activities adds spice to a family-focused menu of educational topics, including fishing, fossil collecting, and bird watching.

COMMUNITY ACTIVITIES AT MMNS FY 2009-2010

- **10** Naturalist Lectures presented by experts including our annual Snake Day event
- **8** Fun Fridays for families
- **150** interactive Fish Feedings
- **10**th annual NatureFEST!
- **7**th annual Fossil Road Show
- **10**th annual Got Fish? fishing seminars with the experts
- **25**th annual Snake Day hands-on reptile showcase
- International Migratory Bird Day celebration
- **2** Christmas Programs with **125** participants

STATEWIDE EVENTS

The Museum provides an array of educational and entertainment opportunities to the broader community through lectures and live animal demonstrations. It also holds a variety of popular annual events designed to bring special audiences together to enjoy activities centered around specific topics, such as fishing, fossil collecting, bird watching, and family fun.

For instance, this fiscal year, through partnerships with the Mississippi Wildlife Federation and Wal-Mart, Katfishin' Kids provided kids with the chance to get their feet wet in learning the skills of fishing and engaged more than 813 parents and adults!

STATEWIDE COMMUNITY OUTREACH FY 2009-2010

- Educational materials: provided to Mississippi Department of Wildlife, Fisheries and Parks (MDWFP) Conservation Officers for programs
- Participated in: 4-H Clubs, Audubon groups, Bass Pro Extravaganza, Boy Scouts & Girls Scouts, Boys and Girls Clubs, Celebrate the Gulf, Conservation Carnivals, Deer & Wildlife Festival at Woodville, Ecology Camp, Endangered Species Days, Envirothon, Farm Safety Days, Festival at Lauren Rogers Museum of Art, FUMC Fall Festival, Garden Clubs, Grenada Family Fun Day, Leake County Conservation Carnival, Libraries, Mississippi Wildlife Extravaganza, MS Science Teachers Association Annual Conference, Natchez Trace Wildlife Festival, National Hunting and Fishing Day at Enid Lake, Newton Wildlife Festival, Oktibbeha Garden Expo, Conservation Field Days, Outdoorama on the Rez, Pioneer Wildlife at Historic Jefferson College, Retirement homes, Science fairs around the state, Secchi Day at Pickwick Lake, Strawberry Plains Hummingbird Festival, Universities: Blue Mountain College, Jackson State University, Meridian Community College, Mississippi College, Mississippi Valley State University, University of Mississippi, University of Southern Mississippi, Waterfest, Wildlife Society, Winterville Mounds Native American Days, YMCA.
- **813** Katfishin' Kids received hands-on instruction from professional anglers with baiting hooks and fishing for stocked catfish
- **2** issues of Natural Newline newsletter published



THE LIBRARY

In 1965, Miss Fannye A. Cook, the Museum's founding director, donated her private collection of research materials to the Museum. Since then, that donation has grown into the Museum's marvelous Research Library housing more than 15,000 volumes. These volumes chronicle Mississippi's natural history in detail.

LIBRARY HIGHLIGHTS FOR FY 2009-2010

- **15,500** volume Research Library maintained and open to the public
- **1,126** visitors used the library
- **1,803** reference requests answered: phone, interlibrary loan, library use, and conference
- **400** newly acquired reports and books were cataloged for the in-house Library Online Catalog
- **10** Naturalist Lectures presented by experts including our annual Snake Day event attended by **1,239** visitors



The Library collection is available for on-site use by the public.

NATURALIST LECTURE SERIES

The lectures are on the first Tuesday of each month in the Museum's Rotwein Theater from NOON until 1 PM.

NATURALIST LECTURE SERIES FOR FY 2009-2010

- **July 7, 2009** *Fishing For Dinosaurs: Sturgeon Conservation In Mississippi*
Speaker: Todd Slack, Ph.D., Research Fishery Biologist, U.S. Army Engineer Research and Development Center, Vicksburg
- **August 4, 2009** *Freshwater Monsters: Alligator Gar Research, Restoration, Management*
Speaker: Ricky Campbell, Hatchery Manager, Private John Allen National Fish Hatchery, Tupelo
- **September 1, 2009** *Monsters of The Deep from the Gulf of Mexico: Are they Really Monsters?*
Speaker: Jim S. Franks, Senior Research Scientist, Center for Fisheries Research and Development, Gulf Coast Research Laboratory of the University of Southern Mississippi, Ocean Spring, MS
- **October 6, 2009** *Sharks of the Gulf of Mexico: Menace or Misunderstood?*
Speaker: Dr. Glen Parsons, Professor of Biology, University of Mississippi, Oxford
- **November 3, 2009** *Protecting Sea Turtles, Ships, And Shores*
Speaker: Dena Dickerson, Research Biologist, Environmental Laboratory, USACE, Engineer Research and Development Center, Vicksburg
- **February 2, 2010** *Black Bear Research in Mississippi: A Work in Progress*
Speaker: Brad Young, Bear Biologist, Mississippi Department of Wildlife, Fisheries and Parks, Jackson
- **March 2, 2010** *Wildlife Conservation in Australia: a 30 Year Perspective*
Speaker: Dr. James "Skip" Lazell, President, The Conservation Agency
- **April 6, 2010** *Singing About Longleaf*
Speaker: The Blues Rangers: Tate Thriffley, Ecologist; Dave Allen, Wildlife Biologist; Jimmy Mordica, Silviculturalist; USDA Forest Service, De Soto National Forest
- **May 4, 2010** *On the Brink in Mississippi*
Speaker: Scott G. Hereford, Supervisory Wildlife Biologist, Mississippi Sandhill Crane National Wildlife Refuge, Gautier
- **June 1, 2010** *De-mystifying Mississippi Snakes at Snake Day: Live displays of Mississippi venomous and non-venomous snakes*
Speaker: Bryan Fedrick, Herpetologist, Mississippi Museum of Natural Science, Aquariums

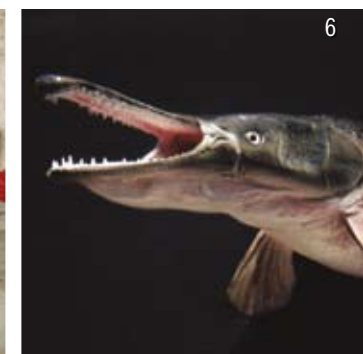
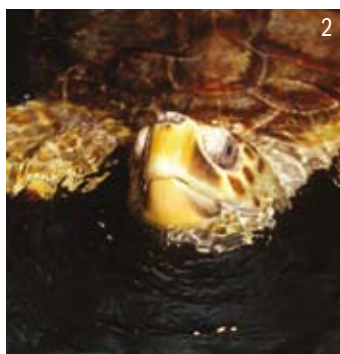


Photo credits: 1. Gulf Sturgeon from the Pascagoula River 2. Loggerhead Sea Turtle 3. Mississippi Sandhill Crane photo by Scott Hereford

4. Tasmanian Devil 5. Ocellated Frogfish from the Gulf of Mexico 6. Alligator Gar photo by Mike Smith, Coastal Fish Replicas



seek
—
study



The Museum's Conservation and Biodiversity Section consists of three broad and overlapping programs: Natural Heritage, Biological Collections, and Research. The team of seventeen is made up of coordinators, biologists and technicians. Their primary mission is to facilitate conservation by studying, documenting and monitoring Mississippi species and ecosystems. Staff also participate in planning and management to promote statewide conservation.

Among the Conservation and Biodiversity Section's many accomplishments are the partnerships that it has formed with others. Over the past year the team has worked side by side with individuals, organizations and other state and federal agencies, providing information, insight and support for conservation efforts. In FY 2009-2010, they handled more than 3,922 requests for information about non-game species and their habitats and management.



Trumpet Honeysuckle (*Lonicera sempervirens*) blooming along the Museum nature trails





NATURAL HERITAGE PROGRAM

The Natural Heritage Program manages a comprehensive database of Mississippi species, communities, systems and natural areas of conservation concern. A primary objective is ensuring that the database is scientifically current and accurate. Information contained within the database is readily available to resource managers and land developers, and provides guidance for species conservation and wise use of land and water resources.

The Scenic Streams Program encourages landowners to voluntarily protect special habitats and streamside areas either through non-binding conservation agreements or long-term conservation easements. State and Federal income tax incentives exist for landowners who protect these areas through the creation of conservation easements.

NATURAL HERITAGE HIGHLIGHTS FOR FY 2009-2010

- **912** elements (rare species and biological communities) tracked
- **76** new records relating to elements added
- **498** environmental project reviews performed
- Maintained over **28,712** species occurrences in Natural Heritage Database



Natural Heritage Program staff review over rare species map locations



BIOLOGICAL COLLECTIONS

Since their beginning in 1935, our Biological Collections have grown to contain more than 1,034,000 specimens, representing the largest single reference for Mississippi vertebrate animals, freshwater mussels, crayfish, and fossils. In addition, the MMNS curates collections of plants, insects, and DNA specimens. These irreplaceable specimens document the species diversity, distribution, ecology, conservation status and heritage of Mississippi. They are an essential source of information for use by resource managers, biologists and educators.

COLLECTIONS HIGHLIGHTS FOR FY 2009-2010

- **328** new collections added through staff efforts or donations
- **7,781** new specimens cataloged
- **1,034,000** specimens curated
- **63** loans to other museums or education institutions



Troy, Miss. [27 May 2010] – May fossil collection expedition. Left to right: Dr. Mark Wilson, College of Wooster, Ohio; Charles Swann, Miss. Mineral Resources Institute, Oxford; Jeremy Dew, Miss. Min. Res. Inst.; Jeremy Murray, Univ. Miss.; George Phillips, MMNS; Caroline Sogot, University of Cambridge (UK); Dr. Paul Taylor, Museum of Natural History, London; and Megan Innis, College of Wooster—all gathered to collect fossil bryozoans



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PHOTO BY DEBORAH LOGAN



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RESEARCH AND MONITORING

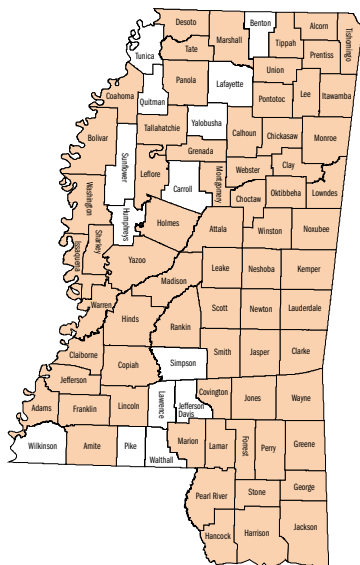
MMNS research seeks to protect Mississippi's history and heritage by contributing to the knowledge of Mississippi's species and biological communities. Much of the research at MMNS focuses on surveys for occurrence, abundance, and distribution of non-game species. MMNS paleontological research provides the background that increases our understanding of current and future patterns of species and biological communities. Information from these research activities provides the foundation for understanding and appreciating the biodiversity of Mississippi. In addition, MMNS researchers conduct ecological monitoring, and other research to provide information essential for conservation and protection of some of our state's rarest species.

RESEARCH HIGHLIGHTS FOR FY 2009-2010

- More than **\$1,169,252** in federal funds awarded for research projects
- Collaboration with University of Southern Mississippi (USM), and The Nature Conservancy (TNC)



Museum biologists seining for Crystal Darters



COUNTIES WHERE RESEARCH WAS CONDUCTED IN THIS FY

- No research
- Research conducted

COMPLETED AND ON-GOING PROJECTS

Research and monitoring activities carried out or administered by Museum staff generally target plants, plant communities, and non-game wildlife within Mississippi. This includes living and extinct species not traditionally managed as sport game or fish, and comprises the vast majority of the fauna and flora of the state.

COMPLETED AND ON-GOING PROJECTS FOR FY 2009-2010

- Eastern Spotted Skunk and Oldfield Mouse Surveys
- Gopher Tortoise and Harvester Ant Surveys
- Swallow-tailed kite surveys (Audubon Society)
- Bald eagle monitoring
- Piping plover habitat use
- Nonbreeding shorebird surveys of Coastal Mississippi
- Breeding Bird Surveys
- Christmas Bird Counts
- Freshwater Mussel Surveys
- Migrant Peregrine Falcon surveys
- Population trends of ringed sawback turtles
- Mississippi gopher frog monitoring (TNC)
- Mitchell Satyr Butterfly Surveys
- Distribution and habitat use by Yazoo darter (UM)
- Post-Hurricane Katrina assessment of gulf sturgeon habitat and movement of the juvenile cohort (USM)
- Small mammal, reptile, and amphibian survey on Upper Sardis Wildlife Management Area - Completed
- Habitat characteristics and life history of Saltmarsh topminnow (USM)
- Population structure and trophic ecology of Alabama shad (USM)
- Mississippi amphibian monitoring—Statewide Crayfish surveys
- Isotope ecology of Late Pleistocene vertebrate herbivores
- Systematics and distribution of Late Cretaceous sea urchins
- Distribution and ecology of Late Pleistocene freshwater turtles
- Mapping Late Cretaceous fossil-bearing sedimentary facies in northeast Mississippi (UM)
- Documenting species diversity in Late Cretaceous sediments in northeast Mississippi (MSU, UM)



Bobcats caught on camera during small mammal surveys using motion sensitive equipment

PLANNING AND MANAGEMENT

Conservation staff participated in a variety of planning and management activities to address conservation of rare or declining species in Mississippi including the listed activities below.

PLANNING AND MANAGEMENT ACTIVITIES FOR FY 2009-2010

- Mississippi Prescribed Fire Council Natchez Trace Parkway Planning meetings for reducing salamander mortality
- Mississippi Bat Diversity Working Group
- Mississippi Exotic Pest Plant Council
- Gulf Sturgeon Working Group
- Pallid Sturgeon Working Group
- US Forest Service Planning meetings
- Mississippi Coastal Impact Planning Meetings
- Longleaf pine restoration on Mars Wildlife Management Area
- Cogongrass Control with MS Gulf Coast RC&D Council
- Mississippi Comprehensive Wildlife Conservation Strategy Revision
- Mississippi Soil and Water Conservation Society



Collaborative cogongrass control project with MS Coastal Plains Resource Conservation and Development Council

PRESENTATIONS, PUBLICATIONS AND TECHNICAL REPORTS

Museum staff contribute to a variety of scholarly journals and other publications. Museum Technical Reports are cataloged and housed in the Museum Library.

PRESENTATIONS FOR FY 2009-2010

- Jones, Bob. *Graptemys oculifera* at Turtle Survival Alliance annual meeting in St. Louis, August, 2009.
- Surrette, Sherry. Preliminary *Bombus* sp. surveys in Mississippi. Annual NatureServe Meeting in Austin, TX. May 2010.
- Mann, Tom. The Current Distribution of the Florida Harvester Ant (*Pogonomyrmex badius*) in Mississippi; Its Suggested Relationship with the Distribution of the non-native fire ant (*Solenopsis invicta*); and the Implications for Recovery of the Gopher Tortoise. Mississippi Herpetologist Annual Meeting. March 2010
- Mann, Debora; Thomas, Mary; and Mann, Tom. Hunting Ice-Age Relics in Mississippi Rock Piles, The Distribution of *Plethodon websteri* in Mississippi. Mississippi Herpetologist Annual Meeting. March 2010.

PUBLICATIONS FOR FY 2009-2010

- Mann, Tom. 2010. The current distribution of the Florida Harvester Ant in Mississippi, its suggested relationship with the distribution of the non-native fire ant, and the implications for recovery of the gopher tortoise. *The Tortoise Burrow, Newsletter of The Gopher Tortoise Council* 30(2): 5-9.
- Phillips, George E. 2010a. A review of terrestrial and freshwater vertebrates from marine Cretaceous deposits in Mississippi. *Journal of the Mississippi Academy of Sciences* 55(1): 74-75A.
- Phillips, George E. 2010b. A distinctive lithofacies between the Prairie Bluff and Owl Creek Formations (Upper Cretaceous) of north Mississippi and its characteristic faunal content. *Journal of the Mississippi Academy of Sciences* 55(1): 78A.
- Phillips, George E., John M. Kaye & John Connaway. 2010. A review of the vertebrate fossil record from Late Pleistocene ("Ice Age") deposits in Mississippi. *Journal of the Mississippi Academy of Sciences* 55(1): 148A.
- Phillips, George E. 2009. Late Quaternary vegetation changes in the Mississippi-Alabama Black Prairie. *Journal of the Mississippi Academy of Sciences* 54(1): 61A.

TECHNICAL REPORTS FOR FY 2009-2010

- Peyton, Scott. Occurrence of the Oldfield Mouse (*Peromyscus polionotus*), and Eastern Spotted Skunk (*Spilogale putorius*) in Mississippi, with emphasis on public lands. Museum Technical Report No. 151. September 2009.
- Winstead, Nick. Secretive Marsh Birds in the Mississippi Alluvial Valley of Mississippi. Museum Technical Report No. 149. July 2009.
- Yager, Lisa. Data and specimen collection and management necessary for additional planning, implementation and monitoring of Mississippi's Comprehensive Wildlife Conservation Strategy. Museum Technical Report No. 148. September 2009.

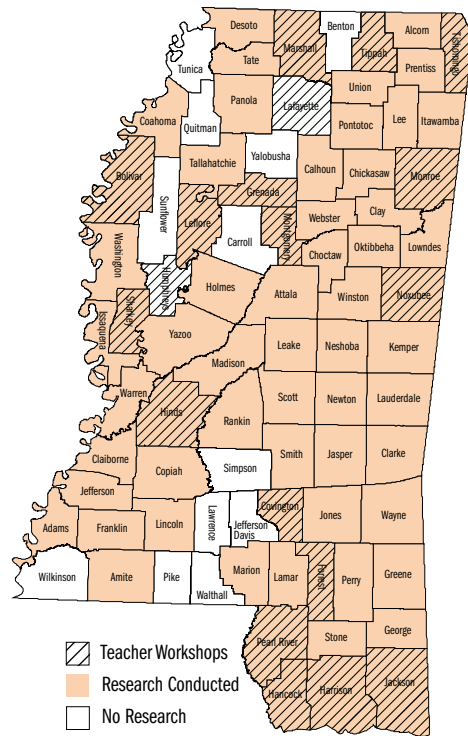


Florida Harvester Ant mounds

GOING BY THE NUMBERS

COUNTY	VISITORS	OUTREACH
Adams	613	402
Alcorn	47	150
Amite	207	0
Attala	889	1173
Benton	1	0
Bolivar	669	876
Calhoun	124	200
Carroll	115	0
Chickasaw	87	602
Choctaw	212	0
Claiborne	138	0
Clarke	318	278
Clay	490	41
Coahoma	84	410
Copiah	1729	620
Covington	509	193
Desoto	204	817
Forrest	1841	1937
Franklin	364	0
George	311	287
Greene	124	260
Grenada	368	928
Hancock	270	633
Harrison	572	4105
Hinds	71151	5174
Holmes	571	35
Humphreys	122	12
Issaquena	31	0
Itawamba	36	0
Jackson	731	1416
Jasper	416	375
Jefferson	304	19
Jefferson Davis	348	81
Jones	910	661
Kemper	120	0
Lafayette	581	681
Lamar	410	265
Lauderdale	1320	1263
Lawrence	518	0
Leake	961	365
Lee	388	1273
Leflore	487	19
Lincoln	1344	3000
Lowndes	538	830
Madison	15548	713
Marion	342	0
Marshall	19	19590
Monroe	188	249
Montgomery	252	195
Neshoba	1006	467
Newton	465	655
Noxubee	33	568
Oktibbeha	729	333
Panola	146	882
Pearl River	221	600

MAP OF MISSISSIPPI COUNTIES



Perry	262	44
Pike	1189	179
Pontotoc	65	336
Prentiss	131	401
Quitman	6	28
Rankin	14468	0
Scott	1219	395
Sharkey	396	10
Simpson	1876	0
Smith	370	350
Stone	130	198
Sunflower	309	0
Tallahatchie	57	22
Tate	51	0
Tippah	78	250
Tishomingo	21	221
Tunica	7	250
Union	72	149
Walthall	345	0
Warren	2099	37
Washington	678	1082
Wayne	165	211
Webster	171	157
Wilkinson	10	125
Yalobusha	73	625
Yazoo	813	0

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Larry Castle
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MUSEUM DIRECTOR

Charles Knight
ASSISTANT MUSEUM DIRECTOR

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Nicholas Winstead
ORNITHOLOGIST



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