# THE SAM NOBLE OKLAHOMA MUSEUM OF NATURAL HISTORY ANNUAL REPORT JULY 2006–JUNE 2007

#### **BOARD OF VISITORS**

Rod Davis (Chair), Craig Abbott, Teresa Burkett, Chet Bynum, Cal Hobson, Lou C. Kerr, Sandy Kinney, Sue Lunsford, Jim McAuley, Jessie Nance, Barbara Paul, Les Risser, Lucy Smith, Chuck Thompson and Steve Wright

#### MISSION STATEMENT, ADOPTED DECEMBER 2003

THE SAM NOBLE Oklahoma Museum of Natural History at the University of Oklahoma inspires minds to understand the natural and cultural world through collection-based discovery, interpretation and education. We do this by: collecting and maintaining specimens, cultural objects and associated data, including linguistic and ethnographic, for current and future research and exhibits; conducting and disseminating research to increase knowledge; teaching university students to develop critical thinking skills; educating the public through programs and exhibitions to increase scientific literacy; and conducting K–12 school programs to enrich classroom experiences.

#### COVER PHOTO: CATHRYN ROWE

- EDUCATION PAGE 5
  - EXHIBITS PAGE 11
- VISITOR SERVICES PAGE 15
  - DEVELOPMENT PAGE 21
  - RESEARCH AND PAGE 25 COLLECTIONS
- PUBLICATIONS AND PAGE 31 GRANTS RECEIVED
  - VOLUNTEERS PAGE 35
    - FINANCES PAGE 36
  - DONORS AND PAGE 38 SPONSORS

#### LETTER FROM THE DIRECTOR

IN CELEBRATION OF the state's Centennial year, the museum focused most of its attention on "all things Oklahoman." Behind the scenes this year, the museum's curators, exhibit developers and fabricators worked at a fever pitch to unveil Collecting Oklahoma: A Centennial Celebration.

This beautiful exhibit, created wholly in-house by the museum's exhibits team, was the most ambitious temporary exhibition the museum had ever mounted. It was a tribute to the rich and fascinating natural history of the land called Oklahoma and to the rich and fascinating tradition of collecting and preserving that natural history that our museum and its scientists have honored for even longer than Oklahoma has been a state. Finally, it was a tribute to the skill, craftsmanship and scholarship of the museum's staff of developers, designers and curators.

Our research during the past year focused on Oklahoma as well, with archaeologists and paleontologists teaming up to work on a site first discovered by J. Willis Stovall in the 1940s—bringing us a more complete understanding of Oklahoma's environment 20,000 years ago. Our herpetologists studied today's environment in Oklahoma, conducting surveys of amphibians and reptiles in three Wildlife Management Areas, while our ichthyologist examined changes in the fish populations in tributaries to some of Oklahoma's reservoirs. Our ethnologist and Native American languages curator continued to add to our knowledge of past and present day Oklahoma Native Americans.

With many of our projects focused on the past and present, you might think we are not planning for the next 100 years. That certainly is not the case, as intensive planning and design-work has been ongoing for another project, to be unveiled in the spring of 2008. The new Paleozoic gallery, a permanent exhibit, will replace half of the exhibits in the Hall of Ancient Life and cover more than 4 billion years of history from the forming of the Earth itself through the great extinction at the end of the Permian period.

Throughout all of this planning, selection of specimens, drawing designs and ongoing fieldwork, the museum continues to host thousands of visitors, produce educational programs for children and adults and teach classes for school children.

The museum will be here for the next 100 years, working to inspire curiosity about the unique state called Oklahoma.



### OFFICIAL STATE ROCK

Barite THE ROSE ROCK detail of crystalline "petals"

PHOTO: CATHRYN ROWE

A participant in one of the museum's summer children's programs gets a grip on a cast of a *Deinonychus* skull.

PHOTO: LAURA VAUGHN



#### CHILDREN'S PROGRAMS

THE EDUCATION DEPARTMENT made an effort to expand drop-in children's program offerings through the year. In FY2007, three new programs were added, including *Trotting Through Nature*, a series of nature walks on the museum grounds for young children with an adult; *It's Feeding Time*, featuring museum staff feeding and talking about the live animals kept in the Discovery Room; and a museum scavenger hunt, which was offered each Sunday afternoon.

The popular Discovery Saturdays and Discovery Sundays, featuring half-hour programs with museum specimens in the Discovery Room, continued each weekend. The program was expanded during the summer months to include daily Discovery Time programs throughout the week. Toddler Time, offering hands-on programs for children ages 3 and under, was expanded in FY2007 from the original first and third Saturday mornings to include weekly Friday afternoon programs throughout the summer.

*Spike's Club*, a weekly program for children in grades 1 through 5, filled rapidly each semester. The themes for FY2007 were *Slither and Slime* and *Animal Investigations*.

The museum's *Summer Explorer* classes also filled rapidly. The summer of 2007 included 21 classes for children ages 4 to 14. *Little Explorers*, a new program added last summer for the youngest children and their caregivers, was offered for a second time. Several old favorites were continued, including *Wild About Water, Pond Explorer, Nature Explorer* and *Dinosaur Detectives*, and new programs were added to the schedule. These included *Ologist*, a program offering 7- and 8-year-olds a chance to visit museum scientists and learn about the different departments in the museum; *Science Sleuths*, a program using scientific methods to investigate plants, animals and the environment; *Get Lost*, an introduction to basic outdoor survival skills for 9- to 11-year-olds; and *Funtastic Fridays*, a new class offering a four-week series of Friday afternoon investigations inside and outside the museum. The two single-evening *A Night With Bats* programs for children ages 7 and up with an adult were again a popular offering.



A young participant in the museum's *Toddler Time* program checks out some of the live animals in the Discovery Room.

PHOTO: LAURA VAUGHN

#### SCOUTING PROGRAMS

A SERIES OF Girl Scout badge workshops was offered in conjunction with the Sooner Girl Scout Council. Scouts attended workshops to complete all requirements to earn badges in *Earth Connections, Museum Discovery, Dinë* and *Rocks Rock.* 

#### FAMILY PROGRAMS

A NEW TYPE of family program was introduced in FY2007. Family Night Out was an evening program offering a pizza dinner and a family nature-craft activity for children ages 5 and older with one or more adults. Two Family Night Out programs were offered in FY2007: Nature Printing in the fall and Nature Scrapbooking in the spring. In addition to these, the museum continued to offer the annual spring Family Fossil Field Trip, which included an evening class about Oklahoma's invertebrate fossils led by curator of invertebrate paleontology Steve Westrop, followed by a full day of fossil collecting in Oklahoma.

Fall Break Out and Spring Break Escape both offered an opportunity for children and families to enjoy drop-in programming daily through Fall Break in mid-October and the week of Spring Break, March 17 through 25. Programs included Native American storytelling, a tipi-pitching demonstration and informal chat sessions with museum staff and volunteers featuring specimens from museum collections. Visitors also enjoyed nature walks and scavenger hunts, a flint-knapping demonstration and arts and craft activities geared toward helping children create artwork for submission to the museum's 12th International Dinosaur Art Contest. During Spring Break Escape, the museum also hosted It's All About Birds, a live bird show organized by the George Miksch Sutton Avian Research Center that featured live owls, hawks, a bald eagle, a sandhill crane and other birds.

Super Science Family Night was a collaborative effort between the museum's education department and a number of other departments and agencies at the University of Oklahoma. This free evening event featured interactive stations throughout the museum on a variety of science topics—from health and fitness to paleontology and archaeology—each offered by museum staff, students, volunteers or members of the hosting organization. Families could visit as many stations as they liked and learn about the many facets of science in an entertaining and hands-on fashion.

#### ADULT PROGRAMS

FY2007 WAS A busy year for adult educational programs. Selections from the *Margaret Mead Traveling Film and Video Festival* from the American Museum of Natural History were offered in the fall, with discussion sessions following each screening. In the spring, the museum partnered with the OU Ecology and Evolutionary Biology program to offer an extensive lecture series, featuring seven guest lecturers speaking on a wide range of topics.

A variety of adult workshops were offered, including Invertebrate Fossil Dig Field Trip, Caring for Your Family Treasures: Paper and Textiles and Wildflower Biology. A new mini-course program was offered, Geology: An Earth-Moving Experience, that included a series of four evening seminars taught by museum curators, OU faculty and staff from the Oklahoma Geological Survey. It was capped off with a full-day field trip.

In conjunction with the 12th International Dinosaur Art Contest, an adult workshop in wood block printing was offered, with an opportunity for participants to enter their final artwork in the contest. Creating an Artistic Wildlife Habitat, a landscaping workshop taught by landscape designer Steve Hill, was also offered.

#### SCHOOL GROUPS

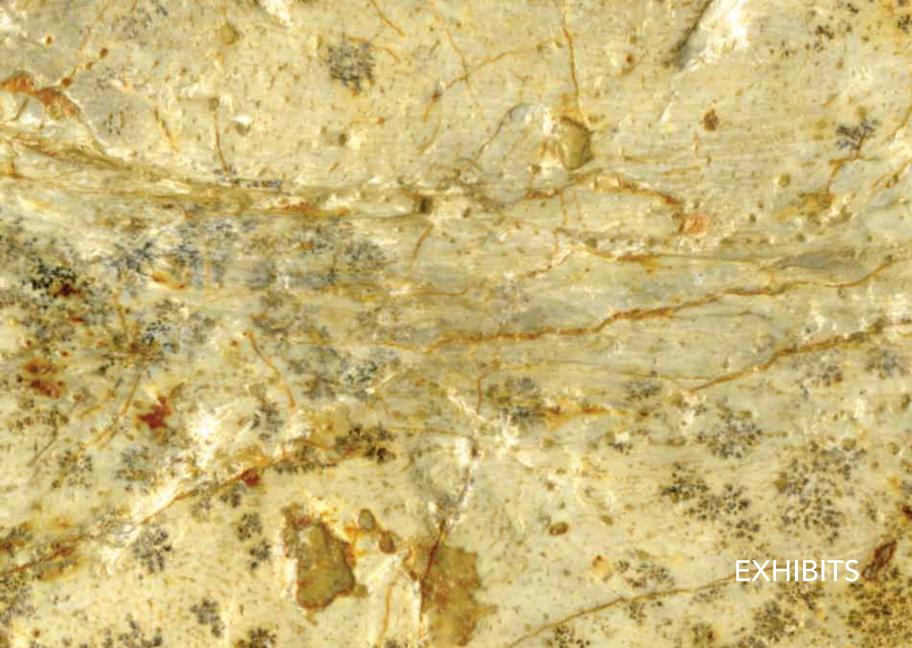
MORE THAN 23,500 school group visitors came to the museum in FY2007 from communities across the state of Oklahoma. The Fossil Fuel Fund was a new program started by the museum with a challenge grant from OU President David Boren. This program provided funding to bring students from schools that might not otherwise have been able to afford the cost of buses and gas.

In addition to programming for school children, the museum hosted 120 K–12 teachers in professional development workshops.



Students in *Paleo CSI* use scientific methods to decipher clues to a prehistoric whodunit.

PHOTO: LAURA VAUGHN



OFFICIAL STATE FOSSIL Saurophaganax maximus THE S'NAX detail of claw

PHOTO: CATHRYN ROW

ARTWORK: CARLY PERRY



#### SPECIAL EXHIBITIONS

MUCH OF THE activity during the past year was focused on getting ready for the museum's celebration of the state of Oklahoma's Centennial. The museum produced an in-house exhibit that reflected 100 years of collecting and conducting research in Oklahoma. Collecting Oklahoma: A Centennial Celebration opened on June 16. The exhibit featured fascinating objects and stories from each region of the state. It was the museum's first attempt at building a large-scale, interactive exhibit and was considered a great success. The anchor pieces for the exhibit were three life-size original paintings by Norman artist Debby Kaspari. They included a 14-foot-tall ancient camel from the northwestern part of the state, a 27-foot-long elasmosaur—a marine reptile from southern Oklahoma—and a 10-foot-tall crinoid—an ancient sea creature over 300 million years old.

Other special exhibitions included Natural Wonders, featuring 60 small-scale works from the Woodson Art Museum's permanent collection (October 16 through January 15) and Young Eyes on an Old World: Galápagos Photographs by Leah Dile (October 16 through July 29), a collection of photographs by Norman teenager Leah Dile taken on a National Geographic-sponsored expedition to the Galápagos.

The 12th International Dinosaur Art Contest and Exhibition (March 14 through May 19) featured 300 entries from as close as Norman and as far away as Japan. The exhibit featured the top winners in three categories from age 5 to adult.

#### PERMANENT GALLERIES

MAJOR PROGRESS WAS made on the expansion of the Siegfried Family Hall of Ancient Life. Design for the new exhibits was nearly completed and construction began. Chase Studios, Inc. worked closely with museum staff to develop the gallery that will focus on the time span from the formation of the Earth to the great extinction at the end of the Permian period, an interval of 4 billion years. The expanded hall will open in 2008.

Also during the past year, design development began on the new Noble Corporation and Noble Energy Orientation Gallery. Formations, Inc., an exhibit design firm from Portland, Ore., was hired to design and construct the gallery. Working with museum staff, Formations, Inc. completed 50 percent of the design by the end of the fiscal year. This gallery will orient visitors to the complexity of the museum, focusing on what goes on behind the scenes and how that translates into what you see on the exhibition floor. This gallery will open in 2009.

Special Awards: The museum received two awards for the promotional campaign for the exhibit, A **T. rex** Named Sue. These were Oklahoma Museum Association's Award for Outstanding Promotional Piece and the Governor's Conference on Tourism's Redbud Award for overall marketing and promotional campaign.

*Exhibit Sponsors:* Collecting Oklahoma: A Centennial Celebration was made possible with funding from Merkel Family Foundation, Charles and Lynn Schusterman Family Foundation, the Kerr Foundation, Inc. and Republic Bank & Trust. Media support was provided by CNHI Oklahoma and Cox Communications. The 12th International Dinosaur Art Contest and Exhibition was sponsored by the Kirkpatrick Family Fund. Funding for the permanent galleries comes from The Noble Corporation and Noble Energy as well as the University of Oklahoma.



## OFFICIAL STATE BUTTERFLY

Papilio polyxenes THE BLACK SWALLOWTAIL detail of left upperside of hindwing

PHOTO: CATHRYN ROWE

The McFarlin Methodist Church Handbell Choir provides entertainment for visitors at the *Holiday Happening* event.

PHOTO: LINDA COLDWELL



#### LIBRARY DAY

LOCAL LIBRARIES TEAMED up with the SNOMNH to offer free admission on August 12 for *Library Day*. Libraries from the Oklahoma City metro and beyond promoted the free admission day that welcomed 3,225 visitors to the museum. Representatives from the Pioneer Multi-County Library System also were on hand to encourage guests to fill out library card applications and to provide storytime for our younger visitors.

#### HOLIDAY HAPPENING

THE ATMOSPHERE WAS jolly during the museum's annual *Holiday Happening* on Thursday, December 7. Sponsored by Arvest Bank and The Kerr Foundation, the event offered more than 670 visitors a chance to celebrate the season while learning about holiday cultures from different corners of the world. Guests enjoyed listening to Al Bostick, who shared African stories, and groups that performed traditional holiday music of North and Latin America. Pictures with Santa, fun activities for adults and children and deep discounts in Excavations made this seventh annual evening event merry and bright.

#### MUSEUM BIRTHDAY PARTY

THE MUSEUM CELEBRATED its 108th birthday on February 24 with free museum admission and treated more than 1,960 guests to birthday cookies and festivities.

#### EGGSTRAVAGANZA!

ON THE GORGEOUS spring afternoon of April 4, families from all over the state gathered on the north lawn for *Eggstravaganza!* Nearly 1,300 people turned out to hunt (or watch the hunters of) hundreds of colorful eggs scattered on the museum grounds. Children also enjoyed a cake walk, balloon-animal artists and face painting. This community-centered event was co-sponsored by the JCPenney Leadership Program in the Michael F. Price College of Business and continued to draw a large crowd of families and children for its fifth successful year.

#### WHAT ON EARTH! OBJECT I.D.DAY

ON APRIL 22, museum patrons were encouraged to bring their interesting and unidentified objects to the museum for the third annual *Object I.D. Day.* This event, sponsored by OU Physicians, not only gave



Kiowa poet and author N. Scott Momaday speaks to participants at the fifth annual Oklahoma Native American Youth Language Fair.

PHOTO: KRYSTEN MARSHALL

owners the opportunity to learn more about their mysterious possessions but also allowed them the chance to learn how to properly care for and preserve their now-identified items. More than 300 people brought in more than 100 objects of all shapes and sizes to be identified by museum curators, staff from the University of Oklahoma College of Geosciences and Departments of Botany and Anthropology, the Robert Bebb Herbarium, the Oklahoma Department of Wildlife Conservation and the Cleveland County chapter of the National Audubon Society.

### OKLAHOMA NATIVE AMERICAN YOUTH LANGUAGE FAIR

THE FIFTH ANNUAL Oklahoma Native American Youth Language Fair was held at the museum April 5 and 6. This signature event, held in support of native language preservation, celebrates different native cultures and promotes the relevancy of native languages to today's youth. Attendance numbers continued to be high—451 students participated in one or more events, and a total of 791 people attended the fair, all of whom enjoyed free admission to the museum.

Museum Annual Attendance:		
In-House		167,360
General Admission	112,920	
Education Programs	29,112	
Rentals	13,622	
Behind-the-Scenes	2,596	
Group Tours	2,842	
Special Events	5,302	
Birthday Parties	966	
Outreach		70,314
Programs/Kits/TREX	68,929	
Public Presentations	1,385	
Total		237,674

Twenty-six native languages were spoken in competitions and presentations during the twoday event. From across the state, students from 72 public school programs, community classes and home schools participated in six different categories: Spoken Language, Language with Song and Dance, Video/Film, Book and Literature, Poster Art and Language Advocacy Essay. The day's activities also included Cherokee marbles and two-step dancing. In addition, the museum was honored to host Pulitzer Prize-winning author N. Scott Momaday, who spoke at the fair's opening ceremonies.

#### MUSEUM AUDIO TOURS

IN THE SPRING, the museum introduced the first in a series of new audio podcasts, made possible by a grant from the AT&T Foundation. The 20-minute tour presented information about several highlights of the museum's Hall of Ancient Life in both English and Spanish. The audio tour provided an enhanced experience of the gallery for Spanish-speaking visitors or for visitors with vision difficulties. Visitors had the option of downloading the tour from the museum's Web site or iTunes music store onto their personal MP3 player for free or renting an iPod at the museum information desk for use during their visit.

#### AUDIENCE RESEARCH

THROUGHOUT THE FIRST several months of FY2007, the museum worked with an independent research firm to undergo a comprehensive audience study to gain a better understanding of the museum's current and potential audiences. The study included a statewide telephone survey; an online survey of museum members; interviews with event planners and caterers regarding the museum's rental program; focus groups with educators; an online survey of recent visitors; and a professional assessment of the museum's Web site. This information will be used to develop a new awareness campaign.

Sponsors for the Fifth Annual Oklahoma Native American Youth Language Fair: The event was generously sponsored by Robin Flint Ballenger, the Choctaw Nation Language Department, the Muscogee (Creek) Nation, Mike and Whitney Alvis, the Cheyenne and Arapaho Tribes of Oklahoma, Cherokee Nation Industries and the Lorene Cooper Hasbrouck Charitable Trust.

*Special Mention:* The FY2005 Annual Report, designed by museum graphic designer Cathryn Rowe, received top honors in publication design from both the Oklahoma College Public Relations Association and the Oklahoma Museums Association. Rowe also was recognized at the Redbud Awards ceremony with a Merit Award in the publication category.

# DEVELOPMENT

### OFFICIAL STATE FURBEARER **Procyon lotor**

THE RACCOON

detail of dorsal midsection of back fur

PHOTO: CATHRYN ROWE

Guests at the members' opening reception for Collecting Oklahoma: A Centennial Celebration line up to sample the fare.

PHOTO: KRYSTEN MARSHALL



#### MEMBERS' EVENTS

MORE THAN 100 museum members celebrated the opening of two exhibits on October 16—Natural Wonders and Young Eyes on an Old World: Galápagos Photographs by Leah Dile. Local, national and international artists were recognized at the awards ceremony for the 12th International Dinosaur Art Contest and Exhibition on May 19. Over 400 award recipients and members celebrated the contest, which produced nearly 2,400 pieces of original artwork. The museum's Centennial exhibit, Collecting Oklahoma: A Centennial Celebration, opened to much fanfare on June 16, with a special reception the evening before attended by 313 museum members.

The museum also provided two unique opportunities for higher-level members who belonged to either the Curators' Circle or Director's Circle. A reception for Curators' Circle and Director's Circle members to meet and mingle with museum curators was held on September 12. Museum director Ellen Censky hosted four dinners for Director's Circle members at her home.

#### MEMBERS NIGHT

MEMBERS WERE TREATED to an exclusive look behind the scenes at *Members Night* on October 24. This popular evening event, sponsored by Republic Bank & Trust and Johnson Controls, Inc. (formally York International), hosted nearly 300 members who explored the museum's collections and laboratories. Museum curators, collection managers, graduate students and other staff were on hand to answer questions and give presentations. Members learned about ongoing research, exhibit production and building functions and maintenance.

#### A FAREWELL TO SUE

A T. REX Named Sue was an incredible blockbuster exhibit that brought in nearly 97,000 visitors to the SNOMNH in its three-month run from May through August. This exhibition from The Field Museum in Chicago featured a full-scale replica of the largest and most complete *Tyrannosaurus rex* in the world, along with an interactive exhibit that let visitors learn about the life and times of this Cretaceous predator. To send **Sue** off in style, a reception for current and prospective annual sponsors was held on August 10. Although sad to see her leave, 72 attendees enjoyed the evening's festivities.

#### MUSE-A-PALOOZA

THE SNOMNH CONTINUED to wow and amaze patrons at the second annual *Muse-a-Palooza* museum fund-raiser on March 31. An archaeological adventure awaited attendees, who enjoyed flint-knapping demonstrations and had the opportunity to participate in a mystery excavation site.

More than 140 members, donors and other supporters attended the event which raised money for the museum's ongoing schedule of programs and exhibits. The evening featured the smooth sounds of the Sallee Jazz Quintet and fabulous food by Legend's Restaurant that catered to "hunters" and "gatherers" alike. Silent auction items, such as extravagant jewelry and priceless educational opportunities, tempted the purses and wallets of all attending.

Sponsors for Muse-a-Palooza: The event was generously sponsored by Arvest Bank, Norman Regional Health System, Reynolds Ford, Vanguard Companies, Norman Living and Republic Bank & Trust.

# RESEARCH AND COLLECTIONS PUBLICATIONS AND GRANTS RECEIVED

1000

OFFICIAL STATE BIRD Tyrannus forficata THE SCISSOR-TAILED FLYCATCHER detail of right wing and shoulder

PHOTO: CATHRYN ROWE

Volunteers from the Oklahoma Anthropological Society assist museum curators and staff on an archaeological dig in western Oklahoma.

PHOTO: KRYSTEN MARSHALL



#### ARCHAEOLOGY

ARCHAEOLOGY CURATOR DON Wyckoff worked with vertebrate paleontology curator Nick Czaplewski on a collaborative dig at a site in western Oklahoma where J. Willis Stovall, the museum's first director, conducted excavations in the 1940s. With the help of volunteers from the Oklahoma Anthropological Society, three large pits were dug to reach pond deposits dating at 20,000 years old—the peak of the last full glacial period. The site shows changes in the layering of soils that indicate that there were dramatic topography changes in the area. These changes to the landscape may point to climate changes at that time. Several large mammoth bones were collected as well as bones of smaller animals. Soil samples and land snails from the dig are being analyzed, and the findings will help piece together the puzzle of climatological conditions in Oklahoma during the last Ice Age.

#### NATIVE AMERICAN LANGUAGES

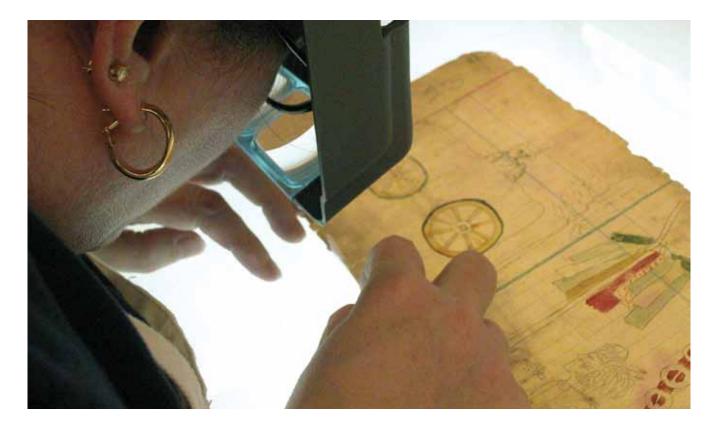
CURATOR MARY LINN continued her work on a Euchee dictionary, funded through the National Science Foundation. Linn is completing the manuscript with weekly editing sessions with Euchee elders. The Native American Languages collection was awarded a Documenting Endangered Languages grant from the NSF and the National Endowment for the Humanities to fund a dedicated server for audio and video collection that will allow for better accessibility to the collection for off-site researchers. The grant also funds a series of workshops in documenting and preserving Native languages during the next three years. The collection welcomed its first collection manager, Terri Jordan, in FY2007.

#### ETHNOLOGY

THE MUSEUM WELCOMED its new curator of ethnology, Daniel Swan, who joined the staff in January 2007 from the Chucalissa Museum in Memphis, Tenn. Swan previously served as senior curator at the Gilcrease Museum in Tulsa, Okla. and is familiar with the ethnology collections of the SNOMNH. He is a cultural anthropologist whose research focuses on the many aspects of the Peyote Religion of the Native American Church. Also hired was new collection manager Kate Barr who began cataloging a backlog of recent acquisitions to the collection. Swan will serve as curator for a future exhibit of the museum's ledger art by Kiowa calendar keeper Silverhorn, One Hundred Summers: A Calendar Record of the Kiowa People will open in late spring of 2009.

#### HERPETOLOGY

HERPETOLOGY CURATORS LAURIE Vitt and Janalee Caldwell continued work on a multi-year grant to conduct surveys in three Oklahoma Wildlife Management Areas: Packsaddle WMA, in Ellis County north of the Canadian River; Cookson WMA, in southeastern Cherokee and southwestern Adair Counties; and Atoka WMA in the southeast part of the state. Work on Packsaddle WMA was conducted through the summer and preliminary visits to Atoka WMA began. As a public service, the team created a Web page featuring photos and information about each of the species found at Packsaddle. Additional information will be added from the other two WMAs as those surveys are completed. Vitt and Caldwell also continued their biodiversity research in Brazil, funded by the National Science Foundation. They



Paper conservator Ellen Livesay-Holligan performs damage repair to the museum's priceless Silverhorn ledger drawings.

PHOTO: LINDA COLDWELL

published several research articles and developed a Web page that shows some of the animals they have found. In addition, they are finishing a revision of their textbook, "Herpetology: An Introductory Biology of Amphibians and Reptiles", published by Academic Press.

#### ICHTHYOLOGY

ICHTHYLOGY CURATOR EDIE Marsh-Matthews expanded her work on a research project that examines changes to fish populations in streams tributary to Oklahoma reservoirs. This included the study of aerial photos taken over a period of many years to determine changes to streams over time and searching collections records for data on collections made in Oklahoma streams that have since become tributaries to reservoirs, with plans to make new collections in those streams in the next year. Marsh-Matthews also resampled some streams that were last collected in the 1940s and '50s to document changes in fish populations. The museum's ichthyology department sorted and cataloged fish collections made by the Oklahoma Department of Environmental Quality and the Oklahoma Water Resources Board.



Herpetology curator Janalee Caldwell works with students setting up traps in western Oklahoma.

PHOTO: LAURIE VITT

#### MAMMALOGY

MAMMALOGY CURATORS MICHAEL Mares and Janet Braun continued to examine specimens of Argentine mammals in collections around the world for their work-in-progress, "The Mammals of Argentina." This multi-volume book and DVD will be the most comprehensive work on mammals available for any country in South America. Mares and Braun also conducted collaborative research with Ron Van Den Bussche and other colleagues at Oklahoma State University on *Rattus* species introduced to North America and the pathogens that accompany them. In the mammal collection, a major two-year project to inventory and georeference the specific location of each specimen was completed.

#### ORNITHOLOGY

CURATOR GARY SCHNELL and former student Elizabeth Burba, along with research associate Joseph Grzybowski, conducted a series of surveys to assess bat and bird mortality at wind-turbine sites in southwestern Oklahoma. The three-year project is funded by Blue Canyon Windpower LLC. Schnell also worked with research associate David Wiggins on a survey of raptors in the Oklahoma panhandle. The three-year project was funded by the State Wildlife Grant Program through the Oklahoma Department of Wildlife Conservation.

#### INVERTEBRATE PALEONTOLOGY

CURATOR STEVE WESTROP and collections manager Roger Burkhalter conducted field work at sites in Texas, Utah, Nevada, Canada and southwestern Oklahoma, collecting trilobite fossils for Westrop's ongoing research on the trilobites of the upper Cambrian period. Westrop is looking for clues to the cause of a mass extinction of trilobites that occurred more than 500 million years ago.

#### MICROPALEONTOLOGY

WITH FUNDING RECEIVED through a National Science Foundation grant, curator Rick Lupia and staff worked with the invertebrate paleontology department to digitize the collections' extensive catalogs. Volunteers assisted the department in photographing specimens, while collection manager Margaret Landis and graduate students conducted database entry and formatting necessary to upload the information into Specify, a database program for scientific collections.

#### VERTEBRATE PALEONTOLOGY

VERTEBRATE PALEONTOLOGY CURATORS Rich Cifelli and Nick Czaplewski and their team of students and staff members made several field trips to locations around Oklahoma to investigate possible fossil finds. One such visit to a site in Atoka County resulted in the collection of seven field jackets of dinosaur fossils, which will be prepared over the next several months. Cifelli also made a trip to Nebraska to collect microvertebrates—fossilized bones of very small animals, including early mammals. Czaplewski worked collaboratively with archaeology curator Don Wyckoff to excavate a site in western Oklahoma where several mammoth fossils were collected.



A joint dig between the museum's archaeology and vertebrate paleontology departments reveals mammoth bones at a site in western Oklahoma.

PHOTO: DON WYCKOFF

#### PUBLICATIONS AND GRANTS RECEIVED

**Publications** 

- Adrain, J.M. and S.R. Westrop. 2006. New earliest Ordovician trilobite genus *Millardicurus*: the oldest known hystricurid. *Journal of Paleontology*, 80:650–671.
- Adrain, J.M. and S.R. Westrop. 2006. New genus of dimeropygid trilobite from the earliest Ordovician of Laurentia. *Acta Palaeontologica Polonica*, 51:541–550.
- Adrain, J.M. and S.R. Westrop. 2006. Notchpeakia, a new genus of Upper Cambrian (Sunwaptan) "entomaspidid" trilobites. *Journal of Paleontology*, 80:1152–1171.
- Amati, L. and S.R. Westrop. 2006. Sedimentary facies and trilobite biofacies along a shelf-basin transect, Viola Group, central Oklahoma. *Palaios*, 21:516–529.
- Bursey, C.R., S.R. Goldberg, and L.J. Vitt. 2007. New species of *Rhabdias* (Nematoda: Rhabdiasidae) and other helminths from *Norops capito* (Sauria: Polychrotidae) from Nicaragua. *Journal of Parasitology*, 93:129–131.
- Caldwell, J.P. 2007. Book Review: Lima, A. P., W.E. Magnusson, M. Menin, L.K. Erdtmann, D.J. Rodrigues, C. Keller, and W. Hödl. 2006. Guide to the Frogs of Reserva Adolpho Ducke—Guia de Sapos da Reserva Adolpho Ducke: 1–168, color photographs 269. Attema Design Editorial, Manaus. *Phyllomedusa*, 6:73–76.

- Cifelli, R.L. and C.L. Gordon. 2007. Re-crowning Mammals. *Nature*, 447:918–920.
- Goldberg, S.R., C.R. Bursey and L.J. Vitt. 2006. Parasites of two lizard species, *Anolis punctatus* and *Anolis transversalis* (Squamata: Polychrotidae) from Brazil and Ecuador. *Amphibia-Reptilia*, 27:575–579.
- Goldberg, S.R., C.R. Bursey, J.P. Caldwell, L.J. Vitt, and G.C. Costa. 2007. Gastrointestinal helminths from six species of frogs and two species of lizards, sympatric in Pará State, Brazil. *Comparative Parasitology*, 74:327–342.
- Grant, T., D.R. Frost, J.P. Caldwell, R. Gagliardo, C.F.B. Haddad, P.J.R. Kok, D.B. Means, B.P.
  Noonan, W.E. Schargel, and W.C. Wheeler. 2006.
  Phylogenetic systematics of dart-poison frogs and their relatives (Amphibia: Athesphatanura: Dendrobatidae). Bulletin of the American Museum of Natural History, 299:1–262.
- Haynie, M.L., J.G. Brant, McAliley, J.P. Carrera, M.A.
  Revelez, D.A. Parish, X. Viteri, C. Jones, and
  C.J. Phillips. 2006. Investigations of a natural corridor between two national parks in central Ecuador: results from the Sowell Expedition, 2001. 263:1–16, Occasional Papers, Museum of Texas Tech University.
- Landing, E. and S.R. Westrop. 2006. Lower Ordovician faunas, stratigraphy and sea level history of the Middle Beekmantown Group, northeastern New York. *Journal of Paleontology*, 80:958–980.

- Laverty, A., W. Laverty, and D. Wyckoff. 2006. A Point in Bone. *Oklahoma Archaeology*, 53(3):49–51.
- Macrini, T.E., C. de Muizon, R.L. Cifelli, and T. B. Rowe. 2007. Digital cranial endocast from *Pucadelphys andinus*, a Paleocene metatherian. *Journal of Vertebrate Paleontology*, 27:99–107.
- Mares, M.A. 2006. Foreword. CLS Journal of Museum Studies, 1(1):vi–xi.
- Marsh-Matthews, E. and R. Deaton. 2006. Resources and offspring provisioning: a test of the Trexler-DeAngelis model for matrotrophy evolution. *Ecology*, 87:3014–3020.
- Matthews, W.J. and E. Marsh-Matthews. 2006. Persistence of fish species associations in pools of a small stream of the southern Great Plains. *Copeia*, 2006:696–710.
- Matthews, W.J. and E. Marsh-Matthews. 2007. Extirpation of Red Shiner in Direct Tributaries of Lake Texoma (Oklahoma-Texas): A Cautionary Case History from a Fragmented River-Reservoir System. Transactions of the American Fisheries Society, 136:1041–1062.
- Mead, J.I., A. Baez, S.L. Swift, M.C. Carpenter, M. Hollenshead, N.J. Czaplewski, D.W. Steadman, J. Bright, and J. Arroyo-Cabrales. 2006. Tropical marsh and savanna of the late Pleistocene in northeastern Sonora, Mexico. Southwestern Naturalist, 51:226–239.

Mesquita, D.O., G.R. Colli, F.G.R. França, and L.J. Vitt. 2006. Ecology of a Cerrado lizard assemblage in the Jalapão region of Brazil. *Copeia*, 2006:460–471.

Rebnegger, K. and D. Wyckoff. 2006. Radiocarbon Dating Site 34RM507. 34RM507, A Late Archaic Site in Western Oklahoma, by K. Rebnegger, D. Green, L. Leith, J.P. Thurmond, and D. Wyckoff, PP. 25–28. Oklahoma Anthropological Society, Memoir 10, and Special Publication of the Department of Archaeology, Sam Noble Oklahoma Museum of Natural History.

Rebnegger, K., D. Wyckoff, and J.P. Thurmond.
2006. Site 34RM506 in Other Perspectives.
34RM507, A Late Archaic Site in Western
Oklahoma, by K. Rebnegger, D. Green, L. Leith,
J.P. Thurmond, and D.G. Wyckoff, PP. 83–93
Oklahoma Anthropological Society, Memoir 10,
and Special Publication of the Department of
Archaeology, Sam Noble Oklahoma Museum of
Natural History.

Sánchez-Hernández, C., M.L. Romero-Almaraz, M.C. Wooten, G.D. Schnell, and M. L. Kennedy. 2006. Speed in flight of common vampire bats (Desmodus rotundus). Southwestern Naturalist, 51:422–425.

Vitt, L.J. and E.R. Pianka. 2006. The scaly ones. Natural History, July/August:28–35. Vitt, L.J., D.B. Shepard, J.P. Caldwell, G.H.C. Vieira, F.G.R. França, and G.R. Colli. 2006. Living with your food: geckos (*Gymnodactylus carvalhoi*) in termitaria of Cantão. J. Zoology, (London) 272:321–328.

Vitt, L.J., T.C.S. Ávila-Pires, M.C. Espósito, S.S. Sartorius, and P.A. Zani. 2007. Ecology of *Alopoglossus angulatus* and *A. atriventris* in western Amazonia. *Phyllomedusa*, 6:11–22.

Vitt, L.J., and E.R. Pianka. 2007. Feeding ecology in the natural world. PP. 141–172, In: Lizard Ecology: The Evolutionary Consequences of Foraging Mode. S. Reilly, L. McBrayer, and D. Miles, eds. Cambridge University Press.

Wyckoff, D. and J. Cox. 2006. Obituaries for Phil Newkumet, Charles Slovacek, and Amanda Price. Oklahoma Archaeology, 54(4):8–10.

Yamamoto, A., M. Linn, M. Berardo, T. Hirata-Eds, and L. Peter. 2006. Can a Threatened Language be Saved? PP. 111–115. In: The 5 Minute Linguist: Bite-Sized Essays on Language and Languages. R. Rickerson and B. Hilton, eds. London: Equinox. Grants

(This does not include more than \$1 million in multi-year grants and contracts received in previous years)

Braun, J.K. and E. Marsh-Matthews Institute of Museum and Library Services, \$42,131

Caldwell, J.P. and L.J. Vitt National Science Foundation Subcontract, \$5,730

Linn, M. National Science Foundation, \$100,000

#### Marsh-Matthews, E.

Oklahoma Water Resources Board, \$4,000

#### Schnell, G.D.

Weyerhaeuser Corp., \$29,717 Weyerhaeuser Corp., \$29,720 Oklahoma Department of Wildlife Conservation, \$35,673 Oklahoma Department of Wildlife Conservation, \$36,457 U.S. Department of Defense, Army Corps of Engineers, \$6,100

#### Vitt, L.J. and J.P. Caldwell

Oklahoma Department of Wildlife Conservation, \$30,362

#### Wyckoff, D.

U.S. Department of Interior, Bureau of Reclamation, \$12,134 U.S. Department of Defense, Army Corps of Engineers, \$17,610 Coldiron Funding, \$28,000

VOLUNTEERS FINANCES DONORS AND SPONSORS

OFFICIAL STATE FISH Morone chrysops THE WHITE BASS detail of lateral line scales

PHOTO: CATHRYN ROWE

#### VOLUNTEERS

Kathryn Albert Mitzi Aldrich Autumn Allen Michael Armor Joe Baalke Leah Badalich Karen Baessler Kate Baker Paula Baker Mervin Barnes Donald Batchelor Thomas Bernstein Charlotte Bert Jane Bowerman Betty Braun Kavsi Brumit Betty Callaghan Sierra Cameron John Campbell, Sr. Meg Carr Catherine Carter Meghan Cassidy Jonathan Chang Rhota Jean Chapman Sara Chilson Cole Cisternino Jamison Clair Liz Clark Jean Cochrane Nancy Coleman Ron Coleman Carl Collier Lenore Collier Tim Colston Adrienne Cooper Helen Copp

Javne Crumplev Patty Cummings Peggy Dailey DeAnna Dalke Sandra Dalke Conner Davey Paul Dawson Laura Dean Bill Dengler Sandy Dengler Ruth DeSilver Jenny Dillon Keaton Draper Deena Electericiteh Bette English Dennis Erfourth Cathy Fagan Connie Falleaf Irene Felkner Stacy Fitzgerald Betty Flora Carolyn Folmsbee Glenn Folmsbee Rainv Fox-Ford Aimee Franklin Don Frensley John Fryberger Eleanor Fuller Melinda Fuson Carmelita Garrison Pat Garrison Mike Gentry Ann Geurkink Delfar Grant Marjorie Greer Melessa Gregg Russ Griffeth

Eileen Grubbs Lindy Guan Richard Gunn Gerald Guy Brady Hacker Emily Hall Cae Hamilton Marilyn Hammond Brittney Haptonstall Ragan Harris Sandy Hasty-Pratte Leah Havs Robert Healy Lisa Henrv Simon Hertzke Susan Hill Heather Hollen Karen Hooten Carol Iman Pat Inman Johnny Irons IV Helena Jackson Johnnye Jenner Jacob Johnson Michael Johnson Taylor Johnson Sally Mae Johnston Stephen Jones Aidan Kickham Bob "Charles" Killins Julie Klopfenstein Robert Klopfenstein Marian Klumpp Jeanne Koonce Jill Kovach Tearle Kring Sherry Krukowski

Ken Kualer Martha Kuwitzky Graves Michael Laing Kari Lamb Hank Larsen Lawrence Larsen Doug Lautzenheiser Frank Lawrence Mary LeBlanc Josephine Leslie Jill Lewis Carolyn Lilly Chuck Lilly Hollie Lockhart Loretta Loeffelholz Hilary Lowery Sue Madison Josh Maness Alxander Mann Bill Mav Julie May Newell A. McCarty Jean McCasland Aline McDaniel Larry McHughes Marie McWherter Jan Meadows Marilyn Meier Ellen Menor **Becky Meyer** William Miller Camille Milton Madeleine Milton Jordan Moore Barbara Morris **Richard Morris** Stella Morris

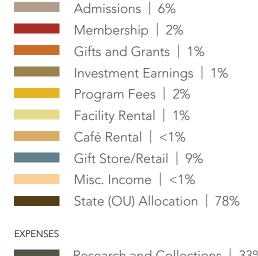
Virail Morris Jonathan Mui Wanda Murchison Deborah Neal Tanner Nees Maureen Nelson Evan Noble Lvnda Nolen Mike Northcutt Wanda O'Neil Jared Padfield **Bill Padgett** Donna Padgett Chester Peek Marian Peek John Perry Rita Peters Edna Pollis Lloyd Powers Nathan Pratt Carolyn Pruett-Miller Emily Redman **Beverly Reese** Bud "Laurance" Reid Kyle Reinholt Jesse Rhoades Lethika Richter- Addo Wayne Rives Samantha Rose Robin Roseberry Amber Rowland Peggy Rubenstein Diane Rubin Robert Schick Thomas Schleicher Andrea Schlupp Jan Schlupp

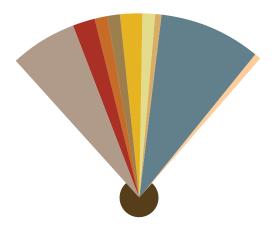
Marv Sue Schnell Megan Shuman Grace Siegenthaler Shirley Simmons Evelyn Smith Margaret Smith Vicki Snyder John Spears Ashley Stewart John Stonecipher Genevieve Stotler Dan Stroud Judy Sullivan Stephanie Sullivan Dennis Swing Norma Taylor William Taylor Alisan Templet Gussy van Berkum Georgia Venk Ralph Venk Janice Waldrop Katherine Walsh Brenda Weeks Paul Weider Karen Weldon Mary Ann Williamson Gabriella Wisdom Siana Wong Carl Wood Soo Yi Don Yost Chena Yuet Jennifer Zimbal

#### FINANCES

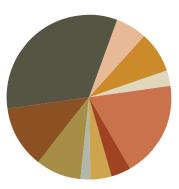
Revenue and Expenses for General Operations

REVENUE





EXPENSES	
	Research and Collections   33%
	Education   6%
	Exhibits   8%
	Visitor Services   3%
	Facilities   19%
	IT/Computing   4%
	PR/Marketing   4%
	Development   2%
	Gift Store/Retail   9%
	Administration/Finance   12%



	OPERATING	RESTRICTED SPECIAL PROJECTS	ENDOWMENT	ALL FUNDS FY07 (exclusive of research grants)
REVENUE				(exclusive of research grants)
Donations/individuals	\$40,641	<sup>\$</sup> 62,222	<sup>\$</sup> 47,481	<sup>\$</sup> 150,344
Donations/corporate and foundation	\$22,927	<sup>\$</sup> 389,820	\$630	<sup>\$</sup> 413,377
Memberships	\$81,990			<sup>\$</sup> 81,990
Investment earnings	\$45,987	\$76,626	<sup>\$</sup> 814	<sup>\$</sup> 123,427
Admissions	\$294,154	<sup>\$</sup> 230,836		<sup>\$</sup> 524,990
Program fees	\$87,969	<sup>\$</sup> 69,977		<sup>\$</sup> 157,946
Facility rental	\$65,852	(\$20,407)		<sup>\$</sup> 45,445
Café rental	\$12,000			
Store sales	\$441,836	<sup>\$</sup> 86,989		<sup>\$</sup> 528,825
Miscellaneous income	\$21,960	\$388,387		\$410,347
State (OU) allocations	\$3,898,903	\$150,075		\$4,048,978
Total Revenue	\$5,014,219	\$1,434,525	\$48,925	\$6,497,669
EXPENSES				
Salaries plus fringe	\$3,218,368	<sup>\$</sup> 6,354		\$3,224,722
Supplies	\$155,557	\$13,340		\$168,897
Catering	\$15,744	\$4,065		<sup>\$</sup> 19,809
Printing	\$30,554	.,		\$30,554
Equipment	\$28,738	<sup>\$</sup> 1,271		\$30,009
Travel/conferences	\$86,148	\$5,987		\$92,135
Communications	\$43,967	-,		\$43,967
Postage	\$20,819	<sup>\$</sup> 162		\$20,981
Computing	\$106,950	\$232		\$107,182
Permanent exhibit construction	+	\$764,998		\$764,998
Facility maintenance	\$187,412			<sup>\$</sup> 187,412
Professional/technical	\$24,310	\$1,000		<sup>\$</sup> 25,310
Contracts	\$25,593	\$12,863		\$38,456
Organizational memberships	\$9,595	12,000		\$9,595
Promotional	\$137,848			\$137,848
Sales tax	\$56,981			\$56,981
Merchandise for resale	\$227,391			\$227,391
University overhead	\$33,921			\$33,921
Miscellaneous expenses	\$11,996			\$11,996
Total Expenses	\$4,421,892	\$810,272		\$5,232,164
	ψ1,121,072	\$010,272		\$0,202,10 <del>4</del>
Net Income	\$592,327	\$624,253	\$48,295	\$1,265,505
Net Assets, beginning of year	\$372,327	\$1,653,029	\$2,133,697	\$3,786,726
Net Assets, end of year		\$2,277,282	\$2,182,622	\$4,459,904

#### DONORS AND SPONSORS

\$100,000+ CORPORATIONS / FOUNDATIONS Noble Corporation Noble Energy, Inc.

\$10,000-\$30,000 INDIVIDUALS Arnold L. Coldiron Wann Langston, Jr.

CORPORATIONS / FOUNDATIONS Charles and Lynn Schusterman Family Foundation Merkel Family Foundation

\$1,000-\$9,999 INDIVIDUALS Anonymous Anonymous Craig and Maria Abbott Mike and Whitney Alvis Robin Flint Ballenger Mervin and Eleanor Barnes Chet and Maureen Bynum Debbie Copp Kevin E. Daugherty Rod and Janene Davis Astrea M. Fatica Josephine W. Freede Patrick and Melanie Hall Ken and Sharon Lease Sue Lunsford Richard G. Mallinson Chris and Jessie Nance Mary Jane Noble

John Dyer and Lynne Ozinga Bill and Barbara Paul John and Angie Peck Steven M. Peck Bill and Doann Reed Paul and Les Risser Shirley Simmons Sandy Kinney and Mike Sugg Don and Ruth Wyckoff

CORPORATIONS / FOUNDATIONS AT&T Foundation Arvest Bank The Boeing Company Choctaw Nation of Oklahoma Johnson Controls, Inc. The Kerr Foundation Kirkpatrick Family Fund Lorene Cooper Hasbrouck Trust Muscogee Creek Nation Norman Arts Council OU Physicians Republic Bank & Trust Sonic Restaurants, Inc. The Samuel Roberts Noble Foundation

\$500–\$999 INDIVIDUALS Janet K. Braun Henry and Iris Brigman Ellen J. Censky John and Judy Fryberger James M. Goodman Beth Harris Michael P. Madden Sarah Jawm Marie Patricia Gilman and Paul Minnis John and Mary Nichols Rusty and Sally Noble Gene Rainbolt Lee L. Sargent Teresa Ward Ben and Robbie White Earl Ziegler

CORPORATIONS / FOUNDATIONS Chickasaw Nation Norman Regional Hospital Reynolds Lincoln Mercury, Inc. Vanguard Business Consultations, Inc.

#### \$250-\$499

INDIVIDUALS

Cheryl and Sterling Baker Lester and Marilyn Branch Glenda I. Cobb W.J. and Kathryn Coffman Carl and Lenore Collier James and Teresa Dav Nance and Jeff Diamond Morris B. Fell Rodney and Janice Gray Elizabeth M. Gunn Beverly A. Harkness W.R. and Judy Howell John and Melinda Klabzuba Paul and Eilene Kleine Martin and Rhonda Malahy G.W. McCullough Larry L. and Jeanne McHughes Jeff and Kathy Nees Roy and Marcia Rogers

Paul and Kathryn Sweeney Steve D. Wright Leon and Rachel Zelby

CORPORATIONS / FOUNDATIONS Alumni Association – Special Projects Ranger School Cherokee Nation Industries ConocoPhillips Company First State Bank – Altus Potemkin Industries, Inc.

\$100-\$249 INDIVIDUALS Marcus W. Adams Richard and Cathy Alexander James K. Anderson J.P. Audas Lloyd G. Austin David and Janis Bailey Mary Bailey Jason and Brooke Barnett Chad Bartlett Karen Beckman Anita Bednar Robert W. Berry John and Margaret Biggs Valerie Biltz Barbara Blouch David L. and Molly Boren Wayland and Jane Bowser William K. Braun Sidney D. Brown Elena Bruza Robert and Teresa Burkett Roy V. Bynum, Jr.

Jennifer Campbell Brandt and Kathaleen Cassidy Rhonda L. Claflin Christopher Clarke Andrew and Linda Coats Jean Cochrane Tom and Edie Cohoon Lloyd Thayer and Ann Cosgrove Jeffrey A. Cox Jim E. Cox James B. Crawley Douglas and Peggy Cummings Dr. and Mrs. W. Edward Dalton B.C. and Sylvia Danner Dan and Sara Davis Herbert G. and Shirley Davis Leslie A. Demers Kit Peterson and Lester Doty Claude Duchon Jim and Robin Emory Russell Engelman Mary I. Felkner Bill Ferguson Don and Betty Frensley Robert D. Garrett A. Glenn and Ruth Gattis Paul and Carolyn Glad Marcia M. Goodman Marjorie Greer Joe and Ellen Grzybowski L.A. Guest Phillip and Jane Gutierrez Harold F. Hackler William and Charlotte Hagan Judy Hagglund Tim and Michelle Hansen Joen and Elaine Hargrove

Ragan Harris Kathleen J. Havnes Richard and Florence Hazlin George and Barbara Henderson Robert G. Hirschi Cathy E. Hollen Irene Holloway Joel Holloway Bob and Jamie Hubbard Rodney L. Huey Dale and Donna Hughes Marilyn M. Hugon Carol and Richard Iman Robert F. and Mary Marks Jenkins Bill and Judy Jordan Joni Jordan Ken and Cheryl Jorgenson Randy and Joyce Keller Jim and Earlene Kenderdine K. Duncan and W. Kern Charles R Killins Tommy D. Klepper Robert and Julie Klopfenstein Joseph Kopta Karol E. Kourtis Richard F. Krenek Hank Larsen Loretta Loeffelholz Tom and Betty Love Emma G. Maggard Hoyt P. Mayes Jim and Suzanne McAuley Tom and Monica McCasland William I McNatt Rick and Jan McSwain Jane R. Menzie Stewart and Adonna Meyer

Keith and Linda Miller Seth and Ellen Millington Frank and Ellen Mitchell C.F. and Nelwyn Moore Kevin Moore J.R. and Barbara Morris A.I. Morse Jim and Joan Mustoe John and Shirley O'Neal Martin and Jeanne Ozinga Fieldon I Parham Rob and Martha Park Homer Paul David Peck Laura L. Peck Peter H. Poshepny Dallas Pryor Laurance S. Reid, Jr. Barbara J. Reynolds Charlotte Reynolds Paul and Alice Richardson Beth Ridgway Patricia Bynum Riggs John and Lindy Ritz Ted and Marilyn Roberts William and Janet Romanishin John Sauer LaVon Scanlan Neil and Kathy Schemmer Francis Schmitz Don and Mary Sherman Grace M. Siegenthaler William T. and Kathy Singer Libba Smith Clyde and Jerry Snow John Spears Marlene Stapp

Ron and Pat Stiehler John Q. Sutterfield Robert L. Talley Elizabeth Taylor-Albert Walt and Jo Ann Terrell Ethel L. Thomas Chuck R. Thompson Cynthia Tibbitts **Regina Turrentine** Alan and Sue Velie Fritz and Elinor Volker Gant and Sara Ward Ronald and Matha Wilkerson Gordon D. Williams John and Christina Smith Williams Alice D. Wilson James M. Winters Robert Griswold and Ellen Wisdom Charles and Kathryn Woltz Brant Worthington Ty Gomez and Myra Wyckoff

CORPORATIONS / FOUNDATIONS Astellas Pharma Technologies, Inc. Charles B. Goddard Foundation Citizen Potawatomi Nation Moe's Southwest Grill Norman, LLC ONEOK Foundation, Inc. SBC Foundation

In-Kind CORPORATIONS / FOUNDATIONS Bedré Chocolates Brightside Trading CNHI Oklahoma Colorband Photography Studio Cox Communications KCCU Legend's Restaurant and Catering Mitchell's Jewelry Oklahoma Department of Tourism Republic Bank & Trust Southwestern Publications The Melting Pot The Tribes Gallery University of Oklahoma Athletics Department University of Oklahoma Department of Aviation University Printing Services Water Taxi Wild Birds Unlimited

Collection Donation INDIVIDUALS John Biever Dan Blanchard Stephen L. Crane Lee Elliott William Johnson Henry Kirkland Tony Morris Terry Newkumet Walt Rosborough Dan Woehr

# PLEASE RECYCLE

THIS ANNUAL REPORT is printed with soy ink on Mohawk Options 100% PCW. The paper is manufactured entirely with non-polluting wind-generated energy, contains 100% postconsumer recycled fiber and is certified by Green Seal.

THE UNIVERSITY OF OKLAHOMA IS AN EQUAL OPPORTUNITY INSTITUTION. 4-08. THIS PUBLICATION IS ISSUED BY THE SAM NOBLE OKLAHOMA MUSEUM OF NATURAL HISTORY AND PRINTED BY UNIVERSITY OF OKLAHOMA PRINTING SERVICES. 650 COPIES WERE PREPARED AND DISTRIBUTED AT NO COST TO THE TAXPAYERS OF THE STATE OF OKLAHOMA.

the SAMNOBLE OKLAHOMAMUSEUM of NATURAL HISTORY 1801

