

# Tracks



Cleveland Museum of  
NATURAL HISTORY

MAY/JUNE 2008

VOLUME 36, NUMBER 3

## Is anybody out there?

The exhibition *Alien Earths* takes a look at the science behind the search for life in the Universe

“Are we alone in the Universe?” It’s a question that humans have pondered for thousands of years.

In the past two decades, technological advances have allowed astronomers to look deeper and deeper into space for the answer.

The exhibition *Alien Earths*, developed by the Space Science Institute and sponsored by NASA and the National Science Foundation, takes you along on this scientific quest — no spacesuit required.

The journey begins, appropriately enough, with a look at our home planet. Get a sense of where Earth fits in the scheme of the Universe at **Our Place in Space**. Prepare to feel small: There are more than 100 billion stars in our galaxy, and more than 100 billion galaxies in the Universe.

From there, you can continue on to **Star and Planet Formation**, which looks at how planets come to be. Here, interactives help explain various aspects of this topic. Design and run your own solar system at “Planet Families,” see the unseen at the “Infrared Table,” and work together with other people to use the “Pressure Ball” to simulate the enormous pressure needed to ignite gas and dust into stars.

**Planet Quest** delves into the search for planets outside our solar system, called “extrasolar planets.” So far, scientists have detected more than 150 of these celestial bodies. They can’t actually be seen, but

their presence is inferred by observing the effects they have on the stars they orbit.

Located under a large dome, interactives in this area explain the techniques that make this possible. At “Planet Transit,” turn a crank to move a model solar system and see how light from a star can be dimmed by a passing planet. “Planet Wobble” demonstrates how a star’s slight wobble is a clue that it has a massive planet orbiting closely.

The final section of the exhibition is called **Search for Life**. It looks at the basic biology of life on Earth and shows how what we know about life here can be used to detect it on other planets.

Interactives help illustrate how this can happen. At “Listening for Life,” listen to different kinds of signals and sounds from space and try to determine which sound like the product of intelligent life. “Molecules in Motion” explains why we are looking for water on other worlds in hopes of finding life. “Biomass” and two other displays illustrate the importance of understanding microbes to the search for extraterrestrial life.

Before you leave the exhibition, use the “Drake Equation” interactive to put together everything you’ve just learned. Answer a series of questions to estimate the possibility of finding intelligent life in the Universe. See how you can change the outcome simply by changing a few parameters.

*Alien Earths* runs through September 1.



The exhibition *Alien Earths* offers an interactive look at the search for life outside our solar system. Learn how astronomers detect extrasolar planets at “Planet Wobble” (top); find out how they count stars at the “Salt Interactive” (center); and use the “Pressure Ball” to understand how planets can form from gas and dust.”



# 2 Get to know amphibians

A new Museum-produced exhibition takes a closer look at these animals, the threat of extinction they face and the role of humans in both their decline and survival.

The news regarding the world's amphibians hasn't been good for a while. But the situation is reaching crisis proportions — presently one-half to one-third of all amphibian species worldwide could become extinct within a human lifetime if present conditions continue.

To encourage positive change, the global conservation community has dubbed 2008 the "Year of the Frog." Locally, the Museum, Cleveland Metroparks Zoo and more than two dozen other area conservation- and science-oriented organizations have partnered on "Leap into Action," a regional initiative led by Cleveland Metroparks to highlight amphibians and their habitats through special events, activities, displays and programs.

As part of this effort, the Museum has produced the new exhibition *Toad-ily Frogs*, which goes on display in Corning Gallery on May 9. Several Museum staff members collaborated on content and presentation, including educators Beth Gatchell, Kate Iverson and Stacey Heffernan, Curator of Vertebrate Zoology Dr. Tim Matson, Center for Conservation & Biodiversity Associate Director Renee Boronka and Biodiversity Alliance Coordinator Dr. Cathi Lehn.

"This exhibition will help visitors understand the global problems that face amphibians and show them how to take action to preserve amphibian habitat," Gatchell explains.

The exhibition has four areas of focus. The first of these provides a general overview of amphibian biology, the habitats in which they can be found and the roles they play within natural systems. High-speed videos of amphibians feeding, taken by Dr. Stephen Deban of the University of South Florida, provide an entertaining look at the impressive insect-eating abilities of these creatures. A tank of bullfrog and green frog tadpoles will help illustrate the amphibian life cycle.

The next area will examine threats to amphibians, both on a worldwide scale and locally. These include habitat loss, climate change, pollution and pesticides, introduced species, over-collection for the pet trade and amphibian chytrid, a deadly disease caused by a fungus that is rapidly spreading throughout the world.

The third area will offer a window into the process of biological research by focusing on long-term Museum amphibian studies. Dr. Tim Matson has been studying the secondary effects of the chemical TFM on the mudpuppy, a large native Ohio salamander. TFM has been applied to certain rivers and streams in Northeast Ohio to stop the spread of the sea lamprey, a parasitic fish species. He is also researching a parasitic fluke that could present a new threat to salamanders.

The final area will focus on conservation, emphasizing the importance of

2008 | YEAR OF THE FROG  
Leap into Action

habitat preservation and what visitors can do in their own backyards. It will highlight the Museum's Natural Areas Program, which has protected more than 4,600 acres of property, much of it containing high-quality amphibian habitat. It also will touch on Project Golden Frog, an international effort to save the Panamanian Golden Frog from extinction, and highlight a local volunteer effort to monitor chytrid fungus in Northeast Ohio.

The exhibition, which runs through September 28, is a stop on the Leap into Action passport, which is available for \$1 (plus tax) in the Museum Store. That dollar will be matched by the Cleveland Zoological Society and go toward creating and maintaining vernal ponds for amphibians in Cleveland Metroparks. Complete a scavenger hunt that uses the exhibition and other displays throughout the Museum and earn a sticker for your passport. Other events and locations at which you can earn stickers, plus detailed information about amphibian conservation, are listed at [www.forfrogs.org](http://www.forfrogs.org).

## Put something "wild" on your ride

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**B**icycling is good for you and good for the environment too. And when you've reached your destination, secure your bike in style with this snake lock from the Museum Store.

Not sure where you can bicycle? Want to eventually live car-free? Browse our book selection for inspiration and information.

# Keeping Track with the Director

“A green city on a blue lake.” It’s a phrase that conjures up a pleasant image of a vibrant, healthy place to live nestled against a clean, thriving Lake Erie.

And while it’s often hard to reconcile that image with our present reality, it works beautifully as something to which we Northeast Ohioans can aspire.

Which is why we chose to use that phrase to officially name the Museum’s Center for Regional Sustainability, which was formed last June when EcoCity Cleveland merged with us. The GreenCityBlueLake Institute capitalizes on the hard work that David Beach, the center’s director; Marc Lefkowitz, editor of the GreenCityBlueLake Web site; and many other staff members have put in over the course of the 15 years EcoCity existed.

Their work will continue under the institute’s auspices. David will keep up his participation on local planning committees and continue to offer his input on land use, transportation planning and smart growth. He also will raise funds for the new institute. Marc will maintain GreenCityBlueLake.org as the primary communication vehicle for the region’s green community.

What will change is that, with the support of a major institution behind it, the institute will be able to pursue projects and funding opportunities that

were unattainable by EcoCity Cleveland. That has made possible the institute’s first major initiative, called the Climate Project. With funding from Museum Trustee Nelson Talbott, the Cleveland Foundation and the George Gund Foundation, it will create a roadmap for reducing the region’s carbon footprint.

Guiding the Climate Project will be project managers Brad Chase and Laura Christie. Brad has a law degree from the University of Akron and has worked as a management consultant for two technology startup companies based in Cleveland and a firm in California. He’ll focus on policy, outreach and education efforts. Laura has a master’s degree in environmental science and policy from Columbia University and formerly worked for the Western Reserve Land Conservancy. She’ll focus on the technical aspects of calculating the greenhouse emissions within the region.

The project will have three steps. The first of these will be to figure out the region’s carbon footprint — the baseline sources of greenhouse gas emissions from power generation, buildings, transportation and other major sectors. Next, we’ll develop transition scenarios to describe how to reduce emissions in each sector 80 percent by 2050. Then, we’ll reach out to cities, businesses and other organizations to help them get on the path toward carbon neutrality.

A reduction on the order of 80 percent might sound impossible, but if done strategically, as stocks of cars and buildings naturally turn over, it is doable. Along the way, we can create better jobs and strengthen our industrial economy by becoming a world center for advanced energy.

In the end, we’ll be better off. Living sustainably is also about improving the quality of life in the region.

When the project is complete, we expect to have such expertise in this area that we will be a regional resource, assisting many other institutions and individuals with sustainability issues. If that sounds entrepreneurial, it’s by design. That’s how EcoCity carried out many of its projects, and that legacy will continue here at the Museum. There could be a dozen projects that spin off of just this one.

Having the institute here at the Museum has opened a whole new realm of possibility, and it positions us as a hub of climate information and education. I look forward to sharing news with you about this and other ventures that promise to make the vision of “green cities on a blue lake” a reality.

Dr. Bruce Latimer  
Executive Director

## Earth, disrupted

This Kahn Hall exhibition of photographs presents dramatic visual evidence of global warming.

In 2005, New York-based artist Susannah Sayler began to seek out places in the world where the effects of a warming global climate were evident. She captured images of drought in China, forest fires in the western United States, melting glaciers in the Austrian Alps and more.

As a counterpoint, she also sought out places where conservation projects to reverse or mitigate climate change’s effects were under way. These included a wind farm in California, floating fields in Bangladesh and a complex waterworks system to hold back rising seawater in The Netherlands.

Twenty-two of these photographs comprise the Kahn Hall exhibition *The Canary Project: Landscape of Climate Change*, which will be on display through August 10.

Climate change might seem to be an insurmountable problem. However, you *can* be part of a solution. Visit [www.cmnh.org](http://www.cmnh.org) to learn 10 things you can do to help stop global warming. For additional information about sustainable living, visit [www.gcbl.org](http://www.gcbl.org), a voice for the green community in Northeast Ohio.



*Drought and Fires: Umatilla National Forest, Washington State, 2006* by Susannah Sayler/The Canary Project

In August 2006, the peer-reviewed journal *Science* published two articles that clearly linked increased fires in the American West with global warming and suggested that this could be a worldwide problem.

## May

- Fri 2** **Preschool Program**, Little, Short and Small, Tiny Trekkers, 9:30 am, Young Explorers, 11 am  
**Adult Field Trip**, Spring Thaw, 10 am  
**Youth Program**, Future Scientists at Mohican, 4 pm (thru 5/4, 3 pm)
- Sat 3** **Photographic Society**, 9 am  
**Preschool Program**, Little, Short and Small, Tiny Trekkers, 9:30 am, Young Explorers, 11 am  
**Adult Field Trip**, Hike the Kickel Easement, 10 am  
**Youth Programs**, Budding Naturalists: Animal Extremes, 1 pm, Spring Student Naturalists (Saturdays thru 5/17), 9 am
- Sun 4** **Family Program**, The Nature Team: "Going Green" Wildflower Road Rallye, 9 am
- Wed 7** **Explorer Travel Club**, Museums and Natural Wonders of Scotland (thru 5/19)  
**Planet Chat**, *Project Golden Frog*, Kathy Duffey, Cleveland Metroparks Zoo, 5 pm  
**Family Program**, Telescope Mirror-Making for the Amateur (Wednesdays thru 6/18), 7 pm  
**Cleveland Archaeological Society**, *Body Politics and Relic Diplomacy: Christianizing the Late Antique City*, Dr. Holger Klein, 7:30 pm  
**Kirtland Bird Club**, *The Cloud Forest in Ecuador*, Sheila Thorpe, 7:30 pm
- Fri 9** **Adult Field Trip**, Groves Woods, 10 am
- Sat 10** **Youth Program**, Future Scientists (Saturdays thru 5/17), 9 am  
**Kirtlandia Society**, *The Firelands Giant Ground Sloth*, Dr. Brian Redmond, 9:30 am  
**Astronomy Day 2008**, 10 am  
**Health Program**, The Zoo on You, 10 am
- Sun 11** **Adult Field Trip**, Big Day for Birds: Winous Point and Beyond, 3 pm (thru 5/12, 4 pm)
- Mon 12** **Bike to the Movies**, 6 pm
- Tue 13** **Adult Field Trip**, Birds and Stargazing in Southeast Arizona (thru 5/19)
- Wed 14** **Guild of Nature Artists**, 7 pm  
**Cleveland Geological Society**, *Teaching Plate Tectonics and Science Writing to Non-Science Majors*, Dr. Sabine Thomas, 7:30 pm  
**Curator's Forum**, *Bizarre Bug Tales Part III: New Adventures in Forensic Entomology*, Dr. Joe Keiper, 7 pm
- Fri 16** **Explorer Series**, *DNA: A Window into the Human Past*, Nicholas Wade, 7:30 pm
- Wed 21** **Curator's Forum**, *New Discoveries of Ancient Lifeways on Sandusky Bay: Four Seasons at the Danbury Site*, Dr. Brian Redmond, 7 pm
- Thu 22** **Adult Field Trip**, North Kingsville Sand Barrens, 10 am
- Sat 24** **Micromineral Society**, 1 pm
- Wed 28** **Guild of Nature Artists**, 7 pm
- Fri 30** **Adult Field Trip**, Crayfish, Crawfish, Crawdads, Oh My!, 10 am  
**Nature League**, Planetarium Show with Astronomer Clyde Simpson, 6 pm
- Sat 31** **Adult Field Trip**, Singer Lake Bog, 10 am

## June

- Sun 1** **Nature League**, Picnic at Squire Valleeuv Farm, noon
- Wed 4** **Planet Chat**, *Alien Earths*, Jason Davis, 5 pm  
**Kirtland Bird Club**, 7:30 pm
- Sat 7** **Adult Field Trips**, Nesting Birds, 7 am; Rare Breeders Road Trip, 7 am  
**Photographic Society**, 9 am
- Mon 9** **Adult Program**, Archaeology in Action, Session 1 (thru 6/13), 8:30 am
- Wed 11** **Guild of Nature Artists**, 7 pm  
**Cleveland Geological Society**, 7:30 pm
- Fri 13** **Adult Field Trip**, Waterfall Beauty, 9 am
- Sat 14** **Adult Field Trip**, Annual Nature Hike at the Terraces, 10 am  
**Parade the Circle**, 11 am  
**The Natural History of Asparagus**, 6:30 pm
- Mon 16** **Adult Program**, Archaeology in Action, Session 2 (thru 6/20), 8:30 am  
**Youth Programs**, Circle Sampler Camp — Session I, 9 am (thru 6/20); Junior Medical Camp — Grades 6-8, 9 am (thru 6/20); Space Rocks! (thru 6/20), 9 am
- Tue 17** **Youth Program**, Student Naturalists: Camping in a Caboose (thru 6/20 with Wed campout), 9 am  
**Volunteer Appreciation Night**, 5:30 pm
- Wed 18** **Adult Field Trip**, Urban Botany Trek: Public Square, noon  
**Wade Oval Wednesday** (Wednesdays thru 8/27), 6 pm
- Thu 19** **Preschool Program** (Thursdays thru 7/24 except 7/3), Animals and Their Young, Tiny Trekkers, 9:30 am, Young Explorers, 11 am  
**Youth Program**, Budding Naturalists (Thursdays thru 7/24 except 7/3), 1:30 pm
- Fri 20** **Adult Field Trip**, Orchid Extravaganza, 9 am  
**Preschool Program** (Fridays thru 7/25 except 7/4), Animals and Their Young, Tiny Trekkers, 9:30 am, Young Explorers, 11 am  
**Adult Field Trip**, Headwater Stream Hike, 10 am  
**Nature League**, UnNatural Affair Summer Solstice Party, 6 pm
- Sat 21** **Adult Field Trip**, Dragon Hunting 101: Big Day, 8 am  
**Preschool Program** (Saturdays thru 7/26 except 7/5), Animals and Their Young, Tiny Trekkers, 9:30 am, Young Explorers, 11 am  
**Kirtlandia Society**, *Geology of the Great Lakes: From Volcanoes to Glaciers*, Charles Herdendorf, 9:30 am  
**Family Field Trip**, Nature Nocturne, 7 pm
- Sun 22** **Youth Program**, Future Scientists: Trip of a Lifetime to Isle Royale, Michigan, 9 am (thru 6/28 at 4 pm)
- Mon 23** **Adult Program**, Archaeology in Action, Session 3 (thru 6/27), 8:30 am  
**Youth Programs**, Circle Sampler Camp — Session II, 9 am (thru 6/27); Junior Medical Camp — Grades 3-5, 9 am (thru 6/27)
- Tue 24** **Youth Program**, Student Naturalists: Camping and Gold (thru 6/27 with Wednesday campout), 9 am
- Wed 25** **Smead Discovery Center Program**, Dinosaurs and Sharks!, 3 pm  
**Guild of Nature Artists**, 7 pm
- Thu 26** **Adult Field Trip**, Land of the Great Rivers: Explore the Dayton Area, 9 am (thru 6/29, 4 pm)
- Sat 28** **Micromineral Society**, 1 pm
- Mon 30** **Adult Program**, Archaeology in Action — Session 4 (thru 7/3), 8:30 am  
**Youth Program**, Fly Fishing: "First Cast" (thru 7/3), 9 am

## Exhibits & Shows

<b>Kahn Hall</b>	<i>The Canary Project: Landscape of Climate Change</i> Through August 10 <i>Alien Earths</i> Opening May 31
<b>Fawick Gallery</b>	<i>Nesting: Photographs by Judith McMillan</i> Through July 6
<b>Corning Gallery</b>	<i>Toad-ily Frogs</i> Opening May 9
<b>Lower Level Gallery</b>	<i>Fieldwork: Ancient Discoveries From Cleveland to Mongolia</i>
<b>Shafran Planetarium</b>	<b>Alien Earths</b> Monday through Friday, 2:30 pm; Wednesday, 8 pm; Saturday, 10:30 am, 12:30, 2 and 4 pm; Sunday, 12:30, 2 and 4 pm <b>Children's Program: There's No Place Like Home</b> Saturday, 11:30 am and 3 pm; Sunday, 1:15 and 3 pm; starting 6/16: Monday through Friday, 11:30 am
<b>Smead Discovery Center</b>	Monday through Saturday, 10 am to 4:30 pm; Wednesday, 10 am to 8 pm; Sunday, 1 to 4:30 pm
<b>Live Animal Programs</b>	Wildlife in Our Big Backyard Saturday and Sunday, 1 and 3 pm
<b>Museum Hours</b>	Monday through Saturday, 10 am to 5 pm; Wednesday, 10 am to 10 pm (Observatory open 8:30 to 10 pm, weather permitting, through 5/28); Sunday, noon to 5 pm. <b>Museum is closed Memorial Day, Monday, May 26.</b>

# Inside Tracks



Cleveland Museum of  
NATURAL HISTORY

May/June 2008

Join us for fun that's

## Out of this world!

Saturday, May 10, 10 am to 4 pm

We're joining clubs, planetariums, observatories and museums across the country in celebration of all things astronomical. Bring your curiosity about astronomy to this family-friendly event. Free with Museum admission.

### Activities will include:

- Learn the night sky inside the kid-sized Starlab portable planetarium
- See a telescope mirror-grinding demonstration. Walk around the grinding barrel, help grind the mirror's curve and enter your name to win the mirror you worked on.
- Tour the Ralph Mueller Observatory and learn how to observe the Sun safely (weather-permitting).
- In the Smead Discovery Center, play "Survivor Mars" and "Martian Bingo," examine rocks that resemble those found on Mars and more
- Make your own sundial, star chart and Moon phases activity
- Pick up the latest news in astronomy
- Take our astronomy quiz (get a perfect score and win a prize)

### Enter to win

your very own telescope, the Meade ETX 80 AT, or the national grand prize, the fully automated Meade LX200R

### Your membership now does even more!

We're pleased to announce that we've added enrollment in the Association of Science-Technology Centers Passport Program to our basic membership benefits. That means that you can receive free admission to participating museums outside a 90-mile radius of the Museum. There are now more than 290 museums to choose from in over a dozen countries. So the next time you're out of town and looking for things to do, check the list of participating museums at <http://www.astc.org/members/passlist.htm>.

# Inspire your curiosity

## EXPLORER Series

2007-2008

The **Explorer Series** is generously sponsored by the Museum's Women's Committee, WVIZ/WCPN ideastream, *Cleveland Magazine* and Cuyahoga County Public Library.

The *Explorer Series* offers memorable presentations on an array of fascinating topics. Make a night of it and arrive early before each talk. Each evening begins at 5:30 pm. Purchase food in The Blue Planet cafe, catch up with friends and family, listen to live music, enjoy the Museum's outstanding exhibitions and browse the merchandise in the Museum Store. Stay afterward for a book signing and stargazing in the Ralph Mueller Observatory, weather permitting.



### DNA: A Window into the Human Past

**Nicholas Wade, science journalist**  
Friday, May 16, 7:30 pm

Wade, who is a science reporter for *The New York Times*, discusses what the rapidly advancing field of DNA research is revealing about humanity's past. The ancestral human population of 50,000 years ago may have been very different from present-day people. But it had established the principal institutions of human societies, such as trade, warfare and religion. Humans also had developed a fully articulate modern language, which enabled them to break out of Africa. As they traveled to other regions of the world and adapted to different conditions on each continent, it is clear now that human evolution continued vigorously. **Please join this speaker for a book-signing session after his presentation.**

**Tickets: Members: adults \$8; students and seniors \$7; nonmembers: adults \$10; students and seniors \$9**

## The 2008 Curator's Forum

Learn about the work of the Museum's scientists through this lecture series.  
**Tickets: Members: \$5 per lecture; nonmembers: \$7 per lecture.**  
College students admitted free with valid ID.

### Bizarre Bug Tales Part III: New Adventures in Forensic Entomology

**Dr. Joe Keiper, Curator and Head of Invertebrate Zoology**  
Wednesday, May 14, 7 pm

Join Keiper for Part Three in his series of lectures on strange and fascinating insect behavior and the odd ways in which insects share the world with us. He discusses how the Museum's Invertebrate Zoology laboratory has helped with cases of human death under mysterious or suspicious circumstances and is applying similar investigative techniques to simulated wildlife poaching cases. Keiper also explains how the Museum has drawn together its forensics and conservation programs by producing a catalog of useful insects and insect growth data to support future criminal investigations.

### New Discoveries of Ancient Lifeways on Sandusky Bay: Four Seasons at the Danbury Site

**Dr. Brian Redmond, Curator and Head of Archaeology**  
Wednesday, May 21, 7 pm

Museum archaeologists have spent the last four summers working at the Danbury site, a prehistoric Native American settlement on the shores of Sandusky Bay. We now know that this important site was occupied for at least 4,000 years and evolved from a simple fishing camp to a large village of early farmers. Redmond highlights recent finds at the Danbury site and discusses some surprising new insights it has yielded about the native peoples of Northern Ohio.

*Curator's Forum* is sponsored by WVIZ/WCPN ideastream, *Cleveland Magazine* and Cuyahoga County Public Library.

## Cleveland Archaeological Society Lecture Series

The Cleveland Archaeological Society, a local society of the Archaeological Institute of America (AIA), holds its annual lecture series at the Museum.  
**Free and open to the public**

### Body Politics and Relic Diplomacy: Christianizing the Late Antique City

**Dr. Holger Klein, Columbia University**  
Wednesday, May 7, 7:30 pm

Klein traces the gradual Christianization of the Late Roman city and countryside from the reign of Constantine the Great in the early fourth century through the age of Justinian in the late sixth century. He focuses on the early history of the Christian cult of relics; the Late Roman emperor's role as a collector, guardian and distributor of sacred matter; and a number of imperial and privately sponsored building projects in Constantinople, Asia Minor and beyond.

## Special Lecture

### Big, Slimy and Beautiful: Hellbenders in Ohio

**Gregory J. Lipps, Jr., herpetologist**  
Wednesday, June 18, 7 pm

The hellbender is a large aquatic salamander found in cool streams in the northeastern United States. Recent surveys of streams in Ohio and elsewhere within its range have raised concerns about its continued survival. Lipps, who is coordinator of the Ohio Salamander Monitoring Program, discusses hellbender conservation efforts in Ohio, including the search for factors that may be playing a role in its decline. *Sponsored by Biodiversity Alliance.* **Tickets: \$5**

## The Natural History of Asparagus

Saturday, June 14,  
reception 6:30 pm, dinner 8 pm

Join us for the final dinner in the 2007-2008 Natural History of Food Series. Monica Bongue, who grows asparagus on her farm near Wooster, discusses the natural history of this nutrient-dense vegetable. Guest chef Ben Bebenroth, executive chef and owner of Spice of Life Catering, will then create a seven-course dinner featuring asparagus that makes the most of its unique flavor. Bebenroth and wine purveyor Mary Lapham will provide commentary on each course and its complementary wine. **Tickets: \$150 per person.** *Event Contributors: Bob Sferra, chef/owner, Culinary Occasions; Lasting Impressions Event Rentals*

## Carol H. Sweet Nature Center Programs at Mentor Marsh

5185 Corduroy Road, Mentor

Mentor Marsh is an interpretive nature preserve of the Museum and the Ohio Division of Natural Areas and Preserves. **Trails:** open daily, year-round, dawn to dusk. **Nature Center** open Saturday and Sunday, noon to 5 pm. **Nature programs** are offered on the first Sunday of each month at 2 pm. Meet at the Nature Center unless otherwise indicated and please dress for the weather. Programs are free, but registration is requested at (440) 257-0777 or [bkooser@cmnh.org](mailto:bkooser@cmnh.org).

**May 4, Go Wild on Zimmerman** — We will see what's "wild" — as in wildflowers — on Zimmerman Trail.

**May 11, Amphibians** — Want to learn more about salamanders and frogs? Join us for a short program at the nature center, then a walk to the amphibian ponds to see what we can find.

**May 18, Spring on Kerven** — Join our naturalist for a hike on Kerven Trail. We will check on the butterfly garden, overlook and pine forest.

**May 25, Mentor Lagoons Discovery Walk** — We'll explore the western end of Mentor Marsh by walking in the city nature preserve. Join us at the trailhead at Mentor Lagoons (8365 Harbor Drive).

**June 1, 8, 15, 22, Naturalist Choice** — Join our naturalist for a walk on one of our trails.

**June 29, Mentor Lagoons Discovery Walk** — Join us at Mentor Lagoons trailhead for a walk in this city nature preserve.

## Planet Chat

Visit the Museum Store on the first Wednesday of each month for Planet Chat, discussions on topics concerning conservation, citizen science and the world around us. Stop by between 5 and 7:30 pm, no registration is necessary. For more information, contact Terri Martincic: (216) 231-4600, ext. 3232, or [tmartinc@cmnh.org](mailto:tmartinc@cmnh.org). **Free with Museum admission.**

**May 7: Project Golden Frog** Talk with Animal Keeper Kathy Duffey about Cleveland Metroparks Zoo's project to maintain a captive population of Golden Frogs with the hope of reintroducing them into the wild.

**June 4: Alien Earths** Take a virtual space tour with Museum astronomer Jason Davis.

## Parade the Circle Celebration

Saturday, June 14, 11 am to 4 pm

Enjoy entertainment, food and hands-on activities provided by more than 20 cultural institutions on Wade Oval. The parade starts at noon — watch for participants in the Museum's READ! SOAR! EXPLORE! program. This year's theme is "Skipping the Muse, Running the Fiddle." Hop to it and celebrate the "Year of the Frog" at the Museum's Circle Village tent. Hands-on activities about frogs, toads and other amphibians, a frog-related craft and more will help you learn about frogs and amphibians and what you can do to help these threatened creatures. Museum admission for the day is \$5. **For details, maps and directions, see [www.universitycircle.org](http://www.universitycircle.org).**

## Wade Oval Wednesdays

Wednesdays, June 18 through  
August 27, 6 to 9 pm

University Circle's free summer concert series presents an array of top musical entertainment with genres ranging from jazz to reggae to Beatles hits. Come to the Circle and take advantage of extended hours at the Museum, which is open until 10 pm every Wednesday, as well as at Cleveland Botanical Garden and The Cleveland Museum of Art. **Visit [www.universitycircle.org](http://www.universitycircle.org) for programming information.**

## Archaeology in Action

Weekly sessions: Mondays through  
Fridays, June 9 to July 3, 8:30 am to  
4 pm each day, rain or shine.

This summer, join Museum archaeologists as they excavate a prehistoric Native American settlement in northern Ohio. Sign up for one to four one-week sessions. No experience is necessary. Members only, please. Information on overnight accommodations will be provided upon request. Minimum age to participate is 16; limit 15 people per session. For further details and an application, see the Archaeology section of the Museum's Web site, [www.cmnh.org](http://www.cmnh.org); e-mail Brian Redmond at [bredmond@cmnh.org](mailto:bredmond@cmnh.org); or call (216) 231-4600, ext. 3301. **Fee: \$200 per session (apply by May 16 and receive a \$25 discount)**

## Volunteer Appreciation Night

Tuesday, June 17, 5:30 pm

Attention Museum volunteers! In thanks for your commitment to the Museum, you are invited to join us for an evening dedicated just to you. Visit [www.cmnh.org](http://www.cmnh.org), look for your printed invitation or contact Donna Brant (ext. 3253 or [dbrant@cmnh.org](mailto:dbrant@cmnh.org)) for fee and registration information.

## The Nature League

An UnNatural Affair Summer Solstice Party  
Friday, June 20, 6 to 10 pm

Join us for this popular annual party on the Observatory Deck. Enjoy tours of Mueller Observatory, food, cocktails and entertainment by DJs GO and Impure. **Nature League members: \$15; general admission: \$20**

For tickets to Museum events, call (216) 231-1177 or  
800 317-9155, ext. 3279, or visit [www.cmnh.org](http://www.cmnh.org).



# A variety of visitor programs for everyone!

Be sure to join us on Saturday, May 10 for Astronomy Day! And remember, we're open every Wednesday evening until 10 pm.

## Shafran Planetarium

### Alien Earths

**Monday through Friday, 2:30 pm; Wednesday, 8 pm; Saturday, 10:30 am, 12:30, 2 and 4 pm; Sunday, 12:30, 2 and 4 pm**

Astronomers have discovered more than 200 planets orbiting nearby stars, most of them much larger than Jupiter. Only recently have telescopes been able to detect the smaller ones approaching Earth-size. What does the future hold?

### Children's Program:

### There's No Place Like Home

**Saturday, 11:30 am and 3 pm; Sunday, 1:15 and 3 pm; starting 6/16: Monday through Friday, 11:30 am**

Is our planet the only Earth in the universe? Are there others? Would we recognize another "Earth" if we saw it? We'll explore these exciting topics and boldly go where Dorothy and Toto never went before.

Planetarium programs are \$4 per person with Museum admission, and tickets should be reserved in advance. Members are free. To guarantee seating, please arrive 20 minutes before show time to claim your tickets with your confirmation number. Unclaimed tickets will be released for purchase on a first-come, first-served basis 10 minutes before show time.

**Call (216) 231-1177 or 800-317-9155, ext. 3279, Monday through Friday to make reservations.**

## Ralph Mueller Observatory

**Wednesdays, 8:30 to 10 pm through May 28 (weather permitting)**

Enjoy your last chance of the year to see the narrowing rings of gorgeous Saturn.

For visitor information: Call (216) 231-4600 or 800-317-9155 or visit [www.cmnh.org](http://www.cmnh.org)

## Live Animal Programs

**Saturday and Sunday, 1 pm in the Museum lobby or Murch Auditorium and 3 pm in the Ralph Perkins II Wildlife Center & Woods Garden. Starting 6/16: Monday through Friday, 1:30 pm in the lobby or auditorium. Free with Museum admission.**

### Wildlife in Our Big Backyard

Join us in a celebration of the wild creatures that share everybody's backyards in this part of the world. Along the way, we'll explore the special attributes of Ohio's wildlife and the places that sustain them. Wildlife Resources Center staff and volunteers will introduce visitors to this neighborhood wildlife using live ambassadors from the Museum's animal teaching corps and, depending on the weather, lead tours of the Ralph Perkins II Wildlife Center & Woods Garden.

## Smead Discovery Center

**Monday through Saturday, 10 am to 4:30 pm; Wednesday, 10 am to 8 pm; Sunday, 1 to 4:30 pm. Free with Museum admission.**

Visit the Smead Discovery Center for hands-on fun on the Museum's Lower Level. Visitors of all ages are welcome in this multigenerational space. Learn and enjoy. We have concrete activities for tots and "brain buster" puzzles for adults who need a challenge. Need some help pronouncing some of those dino names? Try our dinosaur naming activity with your child. Check out our new frog activities in honor of "Year of the Frog," an international focus on frogs and their relatives. Explore what it means to be a nature artist and draw our step-by-step "creature feature." Play a birdsong piano, touch real fossils, look at a creepy crawlies under a microscope, dig for a dino skull and much more! Please supervise children at all times and save your snacks for The Blue Planet cafe.

**Join us for these special programs:**

- **Astronomy Day, May 10, 10 am to 4 pm:** Try special activities about Mars and the Earth's moon during this daylong celebration of astronomy.
- **Summer Show and Tell, Wednesdays, 3 to 6 pm:** Bring your family and your questions to these programs and get ready for hands-on fun. Stay as little

or as long as you like. Each week will feature a special make-and-take craft and a resource person who will make science fun and understandable for visitors of all ages.

### Dinosaurs and Sharks! June 25:

What special dinosaur and shark fossils reside at our Museum? Who digs them up and studies them? What is a "cast" anyway? Staffer David Chapman and volunteer Joe Klunder of the Museum's Paleontology Department show and tell you. Make and take a shark mobile.

**Frogs and Toads! July 2:** The international scientific community has named 2008 the "Year of the Frog." What can you do to help frogs and toads? How are they doing locally? Members of the Museum's Vertebrate Zoology staff, who study frogs and toads in Northeast Ohio, will share this information with you. Make and take a frog mask with a tongue that catches flies.

## Harold Terry Clark Library

The Museum's non-lending research library features books and periodicals on science topics. **Open for public use. Call for hours.**

## Natureguide Audio Tour

More than four hours of information about the Museum's permanent exhibits is at your fingertips when you rent the Natureguide Audio Tour on an iPod Nano at the Admissions Desk. This award-winning audio tour now features music composed by Cleveland Institute of Music students. Funded in part by the National Science Foundation. **All units free for members; nonmembers: \$2.**

## Museum Hours

**Monday through Saturday, 10 am to 5 pm; Wednesday, 10 am to 10 pm (Observatory open 8:30 to 10 pm, weather permitting); Sunday, noon to 5 pm. Museum is closed Memorial Day, Monday, May 26.**

## Museum Store Hours

**Monday through Saturday, 10 am to 5 pm; Wednesday, 10 am to 8:30 pm; Sunday, noon to 5 pm.**

# Making Tracks

## Junior Docents debut

In February, the Museum graduated its first class of Junior Docents. The 17 teens, ranging in age from 14 to 18, completed the requirements of the Junior Docent training course. These eight Saturday classes taught them, in considerable depth and detail, about the Museum's indoor and outdoor galleries — training similar to that given to adult docents. They also had to create a hands-on activity corresponding to a topic they enjoy.

Students were recruited from the Museum's membership. "I had no idea I'd get this response," says Docent Coordinator Nancy Howell. "I was most impressed by their enthusiasm and all the different ideas they had." Home-schooled students as well as public, private and parochial school students got involved in the program.

Several Junior Docents have already helped with Museum special events, such as the Health Fair for Humans in March. Howell plans to have each student participate for at least six hours a month, developing activities that appeal to other teens, as well as families.

"I hope, eventually, we will get more teens into the Museum and involved," Howell says. In addition to keeping the current crop of Junior Docents active, she intends to recruit and train others. She'd particularly like to reach students who may not visit museums regularly.

Look for the inaugural class of Junior Docents in the galleries during special Museum events, weekends and summer weekdays. "These students are exceptional," says Howell. "I don't know how they find the time to jam one more thing into their busy schedules *and* keep up with schoolwork."

## 2008 Junior Docents:

Nicole Boudreau, Jaimee Bowers, Michael Bussey, Margie Byrne, Victor DeBouter, Henry Farrington, Callan Foster, McCall Foster, Emma Lipnicki, Rachel Lipnicki, Olivia Moran, Bailey Mueller, Elysha Ross, Andrew Rossi, Matt Speroff, Lauren Wyman, Eddie Zajac

## Research news

The Invertebrate Paleontology Department debuted a collection database that is searchable online. This allows researchers and others worldwide to access basic specimen data. The catalog is searchable via a simple interface linked to the Museum's Web site, [www.cmnh.org](http://www.cmnh.org), that does not require users to download files or external programs.

At the Ohio Natural History Conference, held February 16, Curator of Inver-

tebrate Zoology Dr. Joe Keiper presented research on a family of flies for which the immature stages have been undiscovered: *Biology and immature stages of Diastata repleta (Diptera: Diastatidae), a consumer of small mammal feces in wetlands*. Two Cleveland State University graduate students working under his guidance, Kal Ivanov and Jen Milligan, also made presentations about their research.

At the Entomological Society of America's Annual Meeting, held in San Diego, California from December 9 to 12, 2007, Keiper and co-author Laura Bock presented *Insect succession on a dead black bear in northeastern Ohio*. Ivanov and Keiper presented *A comparison of the efficacy of Winkler extraction and pitfall trapping for collecting epigaeic ants (Hymenoptera: Formicidae) in Northeastern deciduous forest fragments*. Ivanov's display for the latter took first place honors in the ESA President's Prize competition for student display presentations.

## Staff news

In February, the Ohio Biological Survey presented Museum Naturalist Larry Rosche with its Naturalist Award at the 2008 Ohio Natural History Conference. This annual honor is presented to "individuals who have made significant contributions to our understanding and conservation of the natural heritage of Ohio." Rosche is an expert on dragonflies and birds and has written several field guides, including the *Dragonflies and Damselflies of Northeast Ohio* and *The Birds of the Cleveland Region*.

Invertebrate Zoology Collections Assistant Tom Pucci was promoted to assistant curator. Terri Martincic was named general accountant.

In recent months, the Museum welcomed several new staff members in a number of areas. They included Kim Gillan-Shafron, marketing sales coordinator;



Museum Naturalist Larry Rosche accepts the Ohio Biological Survey's Naturalist Award from OBS Board of Trustees Chair Kendra Wecker.

**Below:** Just as it did last year, this year's Summer Science Institute will include plenty of field experience.

Sheryl Hoffman, director of major gifts/gift planning; Janet Ostroske, marketing associate; Kate Pierce, Science Resource Center coordinator; Jason Price, Museum Store bookkeeper; Amy Williams, Web editor; and Kate Zannoni, natural areas assistant director of development.

## For teachers

Kindergarten through 8th-grade teachers are invited to learn more about local pollinators at this year's Summer Science Institute being organized by Biodiversity Alliance, a partnership of the Museum, Cleveland Botanical Garden, Cleveland Metroparks Zoo and The Holden Arboretum. Called "Butterflies and Wildflowers," this week-long learning opportunity from June 23 to 28, offers hands-on investigations focused on the native butterflies and wildflowers of Northeast Ohio. For more information or to enroll, contact Cleveland Botanical Garden at (216) 721-1600, ext. 100.

Do you know a teacher who excels at conservation education? If so, nominate him or her for the Museum's Conservation Education Award. Visit the "Conservation" section of the Museum's Web site and select "About" to learn more and download a nomination form. The deadline for nominations is June 30.



# Eco-Minded: ideas for living sustainably

## Cleveland Bicycle Week 2008

If you've been looking for the motivation to bicycle more, it's coming May 12 to 16. That's when area bicycling groups have planned the first Cleveland Bicycle Week. (That week is also National Bike to Work Week, and May is National Bike Month.)

The week's event lineup will provide opportunities to learn about new cycling activities, initiatives and projects in Northeast Ohio, such as this year's Walk+Roll, the velodrome, ClevelandBikes' Bicycle Station at Gateway and more.

Here's a sampling of the activities that are being planned. For a full schedule and more information about each event, check [www.clevelandbicycleweek.org](http://www.clevelandbicycleweek.org).

- May 12 to 16, 8 to 9:30 am: Bike to Work. Ride directly to work or join a pre-set ride to the Downtown YMCA (East 22nd Street and Prospect Avenue), where you can store your bike, grab some coffee and a shower, and then ride, walk or take a bus to work. Thirty riders will receive a different bicycle accessory each morning.
- May 12, 6 to 8:30 pm: Bike to the Movies at the Museum. Arrive via human-powered vehicle and see films about bikes and bicycling. 9\$ per person
- May 14: Bike Slavic Village (5:30 to 8:30 pm), Night Ride on the Towpath Trail starting at Century Cycle in Peninsula (8 to 9:30 pm)

- May 15, 9 am to 5 pm: Bibyblie Friendly Community Conference, Cleveland Public Library.

## Making pollinators a priority

Pollinators — insects and other animals that move pollen from one flower to another or within a single flower — are an essential part of our ecosystem. Without them, many plants could not produce fruit or make fertile seeds. And without those fruits and plants, wild creatures would lose important sources of food and shelter, and many of the food crops humans rely on would fail.

The collapse of large numbers of honeybee colonies in areas of the United States last year made many people aware of the importance of pollinators and the risks they face from environmental degradation and other factors. While the cause of the mysterious Colony Collapse Disorder remains unknown, there are many things we can do to help bees and other pollinators survive.

National Pollinator Week is June 22 to 28. The Pollinator Partnership, which is sponsoring this awareness effort, offers many resources online at [www.pollinator.org](http://www.pollinator.org), including fact sheets, planting guides for pollinator-friendly plants and listings of Pollinator Week activities in various communities.

Here are a few of their ideas for how you can help pollinators thrive:

- Grow pollinator-friendly plants, particularly native species, in your garden.
- Reduce or eliminate pesticide use on your yard or garden.
- Learn and tell others about pollinators and how to help them.
- Get closer to nature: Take walks and watch for pollinators at midday in sunny places with lots of plants.

## Nominate an environmental hero

Dominion and Biodiversity Alliance are accepting nominations for the second-annual Northeast Ohio Environmental Awards, which honor excellence among those working to advance the environmental quality of our region. Award categories are Business, Higher Education, Primary/Secondary Education and Community. The deadline for submitting materials is June 28. Nomination materials and information can be found at [www.biodiversity-alliance.org](http://www.biodiversity-alliance.org) or [www.dom.com](http://www.dom.com).



## Acknowledgments

The Museum gratefully acknowledges the following gifts and grants made between January 1 and March 14, 2008.

The **Akron Community Foundation** awarded a grant of \$10,000 for health and science education outreach programming to students in the Akron Public Schools.

A \$50,000 grant from the **Ashtabula Foundation** will assist with the purchase and protection of land at Geneva Swamp.

**ArcelorMittal** contributed \$5,000 toward the production of the second edition of the Museum-published *A Guide to the Dragonflies and Damselflies of Northeast Ohio*.

The following individuals generously contributed \$1,500 or more to the Museum's Annual Fund and/or to a restricted fund and therefore have been named to **The Linnaean Society**.

### Linnaean Kingdom (\$10,000 and above)

William and Cora Lee Dice  
Milton Rutter  
Miriam Greek Smead

### Linnaean Phylum (\$7,500-\$9,999)

Dan and Marjorie Moore

### Linnaean Class (\$5,000-\$7,499)

Laurence G. Isard  
Abram and Ruth Stavitsky  
Michael and Natalie Weinsz

### Linnaean Order (\$2,500-\$4,999)

G. Russell and Constance Lincoln  
Edward and Catherine Lozick

### Linnaean Family (\$1,500-\$2,499)

Richard and Priscilla Garretson  
Albert Hanes and Robert Hanes  
Daniel and Joan Holmes  
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Dickson Whitney

The following organizations generously contributed \$1,000 or more to the Museum's Annual Fund and/or to a restricted fund and therefore have been named to **The Corporate Partners Program**.

### Corporate Heron (\$10,000-\$24,999)

The Leiden Cabinet Company

### Corporate Fellow (\$5,000-\$9,999)

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The Museum has made every effort to include all appropriate names. If you are aware of any gifts not honored, please contact Director of Annual Giving Jeffrey Gueulette at (216) 231-4600, ext. 3287.

# Bridging the distance

Distance learning is an increasingly popular way for schools and other institutions to bring far-flung educational resources into the classroom.

It's about quarter to 12, and Museum Science Instructor Lee Gambol is wrapping up her presentation on "Macronutrients, Fad Diets and Energy Drinks" to a group at Wiggins Place in Beachwood. She fields questions from participants, who are curious about various brands of diet supplements and how they work.

But what's unique about this class setting is that the group is in a meeting room at their residential-care apartment building, and Gambol is standing in one of the Museum's two distance learning studios. The entire program has taken place via interactive videoconferencing.

The Museum's facilities opened last September, providing an on-site home for the distance learning program that came to the Museum when it merged with HealthSpace Cleveland.

"Distance learning is, at its most basic, any kind of learning situation where the instructor and student aren't in the same space and something interfaces between them," explains Museum Outreach Education Coordinator Tom Bills. Today, that "something" is usually a computer-based technology.

Distance learning is part of the broad field of educational technology, which encompasses everything from Web-based schools to interactive whiteboards. It has many forms, from the interactive videoconferencing that the Museum provides to online courses where students only interact with their instructor via e-mail.

"We're pleased to be able to offer the extensive selection of distance learning programming that we do," says Director of Education Carin Miller. "We're one of a handful of content providers for health and natural history distance learning in the state. All of our programs address national standards for health education and Ohio Academic Content Standards."

From September 2007 through this past February, more than 3,700 people participated in Museum distance learning programs. There are presently 22 health and two natural history topics being offered, with more content being developed every month. "Our goal is to expand our selection of natural history programs by converting our most popular Museum-instructed programs into distance learning programs," Miller says. "We'll eventually be able to offer topics in the earth sciences, life sciences and social studies."



With props at the ready, Museum educator Lee Gambol teaches a class via interactive videoconferencing in one of the Museum's two distance learning studios.

In the studio, Gambol has wrapped up with the Wiggins Place group and immediately links with the next location on the schedule — a school in Suffern, New York, where a middle school teacher has requested the classroom program "Drugs 301" for three classes in succession.

Gambol works out some technical issues, then waits as the first class arrives and students fill the seats that are visible on one of two large monitors in the studio. Once they're situated, she uses a camera trick to show the students that they are, indeed, interacting with her in real time. That point established, she starts teaching, props at the ready.

"The cool part of distance learning is that you can talk to anyone anywhere," she explains later. She's taught students as far away as Mexico; recently, she says, a school from Singapore called to explore a possible distance learning link.

"[This technology] breaks down the barrier of distance for schools," Bills says. "They don't have to get a bus, and they can access resources that are far away." Distance learning is very adaptable, he continues, and with the right technology can even be portable.

However, it's not perfect. "It's very dependent on technology that might break. There's also the possibility that whatever's controlling the connection might break," he explains. There are also some negative aspects to not being physically present in a room with

students. "Sometimes there are subtle things that you can't pick up on unless you're actually there."

Both Bills and Gambol point out that, technological glitches aside, what can make or break a distance learning presentation is whether an instructor can avoid becoming a "talking head." There are a variety of ways to accomplish this. Sometimes a kit can be mailed to a classroom ahead of time, so that its contents can be handed around during the presentation. Lots of on camera props and visual aids help too. Other times, having the students interact with each other can keep things lively.

In the case of Gambol's New York class, she's had each student contribute a sentence to a story activity that's been passed around the classroom during the program. To conclude, she has a volunteer read the resulting tale, which indicates that the students have a pretty firm grasp of the possible consequences of drug use.

"Our biggest challenge is to apply what we know about how people learn and create a learning environment with this technology," Bills says.

Follow-up evaluations indicate that their approach makes nearly every Museum distance learning class a hit with kids and teachers. One California kindergarten teacher praised a recent hourlong program Gambol presented on dental health. "A fabulous job," the teacher commented.

Tracks is published bimonthly by The Cleveland Museum of Natural History  
1 Wade Oval Drive, Cleveland, Ohio  
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## Nature's architecture revealed

Photographer Judith McMillan remembers how, on visits to her great-grandfather's house as a child, she loved to look at the collection of bird's eggs that her grandfather had gathered as a teenager. "He [had taken] only the eggs because he thought the birds would start over and lay another clutch if they found their nest bare," she recalls. "He loved birds, and he collected for the sheer beauty and variety and the thrill of finding the nest."

The memory of that collection, long since donated to a nature center, re-emerged as McMillan created the photographs currently on display in the Fawick Gallery exhibition *Nesting: Photographs by Judith McMillan*. Starting in 2005, she photographed nests and eggs in the ornithology collections of the Museum and The Field Museum in Chicago. Most of the specimens were

taken from the wild by private collectors at the turn of the last century.

"The variety among these nests is astonishing," she says. "And the feat of nest-building is itself amazing."

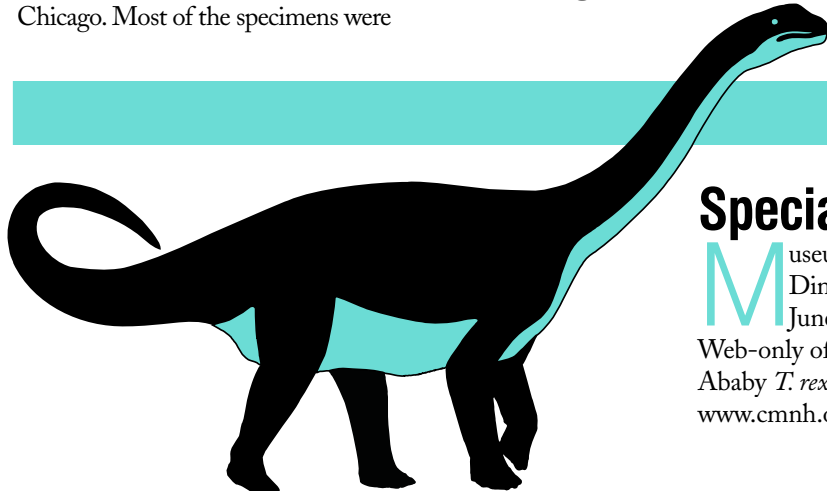
She selected nests that had eggs collected with them and were small enough to move and photograph easily. Photographed in black and white with a 4x5 view camera, they are rich with detail.

Remembering her grandfather's beloved egg collection, McMillan found that she could understand why people were drawn to possess the nests and eggs she photographed. "These nests hark back to another time and an old way of thinking that was not concerned with the world running out of something or an animal becoming extinct," she says.

*Nesting* will run through July 6.



Vermilion Flycatcher Nest by Judith McMillan



### Special offer for "Walking with Dinosaurs"

Museum members can receive a \$5 discount on tickets to "Walking with Dinosaurs — The Live Experience," appearing at Quicken Loans Arena June 25 through 29. Watch *FastTracks*, our e-newsletter, for a link to this Web-only offer. (Not on our e-newsletter list? Visit [www.cmnh.org](http://www.cmnh.org) to sign up.) Ababy *T. rex* from this production will visit the Museum on June 24 — watch [www.cmnh.org](http://www.cmnh.org) for details.