



E-News Vol. 1, Issue 1 • Spring 2013

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**ASSOCIATION
OF ZOOS &
AQUARIUMS**

Cosley Tails

Information about Cosley Zoo and The Cosley Foundation, Inc. is available by calling 630.665.5534 or by writing to Zoo Director, Cosley Zoo, 1356 N. Gary Avenue, Wheaton, IL 60187. You may also e-mail us at CosleyZoo@wheatonparks.org. We welcome your comments and suggestions.



Cosley Zoo is a facility of the Wheaton Park District.

1356 N. Gary Avenue
Wheaton, IL 60187
630.665.5534
www.cosleyzoo.org

Butterflies: Mother Nature’s Jewelry
by Diana Kotche, Zookeeper

If you have visited Cosley Zoo since last fall, you may have noticed a new addition across from the bobcat exhibit. It is a butterfly garden! The garden was constructed to attract a myriad of colorful native butterfly species by providing specific plants that provide food, shelter and nesting locations. Butterflies are part of the scientific group Lepidoptera, meaning in Latin “scale wing.” Lepidoptera is the largest of the insect groups, which includes the moth. Butterflies are truly amazing and unique animals. Sometimes called Mother Nature’s jewelry, butterflies are beautiful to look at but they also play an important role in the environment. Like bees, butterflies help to pollinate plants by flying from flower to flower. As they land on each flower they take some of the pollen with them and deposit pollen from other flowers. They can also serve as an environmental indicator. Because they are especially sensitive to changes in the environment, a healthy population of butterflies means that the environment is healthy as well. Butterflies also provide an important food source for many mammals, birds and other insects.



Butterflies go through a complex change throughout their life called metamorphosis. There are four stages of metamorphosis: egg, larva or caterpillar, pupa, and adult butterfly. First, butterflies lay their eggs near a host plant, which will eventually serve as food for the larval or caterpillar stage. Eggs hatch, producing larvae, which most people recognize as caterpillars. In the next stage the caterpillar uses its spinnerets (silk producing organs) to form a chrysalis (cocoon for moths). Once the caterpillar has formed the chrysalis, it begins the stage known as pupating. During this state the pupa appears inactive but internally it is developing into a beautiful, colorful adult butterfly. Once the butterfly emerges, it only lives an average of two weeks, which is long enough to mate and lay more eggs.

Thank You to Visitors & Donors

Thank you for a successful Festival of Lights & Christmas Tree Sale this past holiday season. The Christmas Tree fundraiser raised more than \$97,000 for the Cosley Foundation. These funds will be utilized for projects at Cosley Zoo.

Thank you to our sponsors and wish tree donors:



Wish Tree Donations

2012

Aaron	Diaz Girls
Abbie	Dolin-Loughlin Family
Alicia V	Eileen
Amelia Kerstein	Ellie & Jacob
Ande K	Eloise Long
Andrea & Ryan Kaiker	Emily, Jan & Bob
Anita & Sarah	Esther Forster
Anthony	Ethan, Elli & Emma Leonard
Anthony & Alivia Lederer	Frankie
Arnie & Sandy Krause	Gloria Farrey
Ashleigh & Dominic Cicero	Hailee
Avery	Hailey
Betty C	Hailey & Nicole
Bob	Henry Gene
Bob & Lori Finkel	Jacob
Boyd	Jane Hodgkinson
Brad & Heather	Jaxon & Eleanor
Brady & Maddy	Jen & Ted
Bryan & Drew	Jennifer & Mary
Cade	Jennifer, Vicki, Jayna
Caleb	Jim Jarosz
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Carol Tipre	Jonah
Caroline & Ellie	Joshua & Jessamine
Cathe's Grandma	Judy Reynolds
Chase	Julie Aponte
Chloe	Justin for Grandma
Chloe & Addison Pfeiffer	Kaari H
Christian, Sandy,	Katie & Javier
Christine & Jennifer	Kelly & Leo
Christopher Kruger	Kelly Savach
Chunks	Kendal Minton
Colin	Kiley, Scooby & Fritz
Corinne	Meeler
Courtney Harker	Kinsey White
Daniel	Kristie, Angie, Alli & Jan
Dave C	Kroll Family
Dave Gucwa	Laura Lovgren
Dave, & Vicki	Linda Sue Lambert
Deb & Ron Smith	Lori & Kevin Carlson
Devin	Lynne
Diane	Madeline
	Maggie Podells
	Marcy



Margy
Mark & Sarah
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Molly & Wyatt Fritz
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Sophie, Lila, Will, Gavin
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The Potts Family
The Rascher Family
The Remees
The Revillas
The Scheib Family
The Shelton's & Pets
The Sullivans
The White Family
The Wilde Family
Tissy
Tom Norwick
Troop 42106

Program & Events

March-May 2013

Bookworms Series

Do you and your child love stories and animals? In this class, we'll read a story, meet an animal and try an activity. Each week is different. Join us for all sessions! Meet your instructor by the admissions booth. *Cosley Zoo members: Register at the Community Center in person, or by mail, to take advantage of reduced fees for members.* (TR)

Location: Cosley Zoo

Limit: 10

Age	Dates	Day	Time	R/NR Fee	Class #
Series 1					
18 mos-4	4/3-4/24	W	9:30-10A	\$14.75/\$22.50	206502-01
18 mos-4	4/3	W	9:30-10A	\$5.75/\$8.75	206502-02
18 mos-4	4/10	W	9:30-10A	\$5.75/\$8.75	206502-03
18 mos-4	4/17	W	9:30-10A	\$5.75/\$8.75	206502-04
18 mos-4	4/24	W	9:30-10A	\$5.75/\$8.75	206502-05
Series 2					
18 mos-4	5/8-5/29	W	9:30-10A	\$14.75/\$22.50	206505-01
18 mos-4	5/8	W	9:30-10A	\$5.75/\$8.75	206505-02
18 mos-4	5/15	W	9:30-10A	\$5.75/\$8.75	206505-03
18 mos-4	5/22	W	9:30-10A	\$5.75/\$8.75	206505-04
18 mos-4	5/29	W	9:30-10A	\$5.75/\$8.75	206505-05

Toddler Time Series

Curious toddlers experience learning through play in this special class for 2 - 3 year olds. Led by a Cosley Zoo educator, our class features a live animal visit and animal-themed activities. Meet the instructor by the admissions booth. Note: Registering for the series? Check dates for each session to determine when class meets. *Cosley Zoo members: Register at the Community Center in person, or by mail, to take advantage of reduced fees for members.* (TR)

Location: Cosley Zoo

Limit: 8

Age	Dates	Day	Time	R/NR Fee	Class #
2-3	4/1-5/13	M	9:30-10:15A	\$19.75/\$30.25	206510-01
2-3	4/1	M	9:30-10:15A	\$7.75/\$11.75	206510-02
2-3	4/15	M	9:30-10:15A	\$7.75/\$11.75	206510-03
2-3	4/29	M	9:30-10:15A	\$7.75/\$11.75	206510-04
2-3	5/13	M	9:30-10:15A	\$7.75/\$11.75	206510-05

Zoo Programs

Register online at
www.wheatonparkdistrict.com
 for Bookworms, Toddler Time,
 and Zoo Investigators.

Zoo Investigators

Use all your senses to experience the world as an animal would. Hands-on activities and animal interactions will guide your exploration of animals and nature. Drop-off and pick-up children in front of the admissions booth. (TR)

Location: Cosley Zoo

Limit: 8

Age	Dates	Day	Time	R/NR Fee	Class #
Series 1					
5-7	4/5-4/26	F	4:15-5:15P	\$32/\$48	206203-01
5-7	4/5	F	4:15-5:15P	\$10/\$15	206203-02
5-7	4/12	F	4:15-5:15P	\$10/\$15	206203-03
5-7	4/19	F	4:15-5:15P	\$10/\$15	206203-04
5-7	4/26	F	4:15-5:15P	\$10/\$15	206203-05
Series 2					
5-7	5/3-5/24	F	4:15-5:15P	\$32/\$48	206204-01
5-7	5/3	F	4:15-5:15P	\$10/\$15	206204-02
5-7	5/10	F	4:15-5:15P	\$10/\$15	206204-03
5-7	5/17	F	4:15-5:15P	\$10/\$15	206204-04
5-7	5/24	F	4:15-5:15P	\$10/\$15	206204-05

The Great Egg Scramble

Saturday, March 23 | 9:30-10:30 am and 11 am-12 pm



Come to Cosley Zoo for an excellent time and get ready to scramble for eggs and other trinkets. In addition to an egg scramble, participants will have the opportunity to meet some of the zoo's residents and take part in other activities. So bring your baskets to the zoo for a hopping good time. Children are divided into age groups for the scramble based

on enrollment. Groups are scheduled consecutively. Preregistration is required. This event is held outdoors rain or shine, so dress for the weather. Please plan on staying with your child; this is not a drop-off program. Registration ends midnight 3/21/13.

Participants can register in the following ways: Online at www.wheatonparkdistrict.com or fill out a registration form at the Wheaton Park District Community Center, 1777 S Blanchard Rd. Registration can not be taken by phone.

- Ages 2-10
- Wheaton Park District Residents \$12; Nonresidents \$15 (Registration code 109201-01 or 109201-02)

Program & Events

March-May 2013



Turtle Day

Saturday, May 18 |
10 am-2 pm

Come and experience all things turtle (or chelonian)! Learn about the zoo's efforts to protect the Illinois Endangered Blanding's Turtle, meet live

turtles and tortoises, and take part in other activities.
• Regular admission rates apply

Eco-Exploration Backpack Tours

Cosley Zoo is offering backpack tours for families. These eco-friendly packs are filled with a combination of activities and discovery items that families can utilize while at the zoo. Each pack focuses on a different theme and will act as a "tour guide" as you make your way through the zoo, highlighting various exhibits and promoting animal and habitat conservation messages. Backpack tours are a great way for parents and children to explore the zoo together.

- Fee \$2 per pack per visit
- Successfully complete your adventure and receive an official Eco-Explorer button. Complete each theme to collect all 8 buttons!
- Packs can be checked out from the Wild Side Gift Shop

Morning Chores

Have you ever wanted to help take care of animals on a farm? Now is your chance to get a first-hand experience.



Join the staff as you help clean and bed stalls, feed some farm animals, and try your hand at grooming.

- Available Saturday morning April-September from 7:15 to 9:15 am.
- Ages 8-adult (Ages 8-13 must be accompanied by a paying adult)
- \$15/ Cosley Zoo Member; \$20/nonmember

To sign up call the Cosley Zoo Education Department at 630.665.5534.

Fun-damentals of Zookeeping

Do you want to be a zookeeper? Come spend part of the day and work side by side with one of Cosley Zoo's Animal Care staff. Assist with routine cleaning and care, provide enrichment to the animals, and be a part of a training demonstration. Participants will also receive a certificate, special souvenir and photo.

- Available Sunday or Friday all year from 9 am to 1 pm.
- Ages 14 and over
- \$120/Cosley Zoo Member; \$150/nonmember

To sign-up, call the Cosley Zoo Education Department at 630.665.5534

Duck Feeding

- Offered daily from 10-10:30 am and 3-3:30 pm, weather permitting.
- March 23-31 and April 20 through mid-October
- Cost: \$1/serving

All proceeds benefit Cosley Zoo.



Discovery Stations

Beginning weekends in April

Training demonstrations, animal encounters, and more will take place at 10:30 am and 1:30 pm, weather permitting, on Saturdays and Sundays beginning in April. Look for the Discovery Station sign when you enter the zoo to discover the topics and location for the day's presentations.

**The Coyote Café Concession Stand
opens in April!**

Party for the Planet at Cosley Zoo



The Best Earth Day Party in Town! Saturday April 27 | 10 am to 2 pm

- Learn about and celebrate local conservation efforts.
- Visit with local businesses and “green” organizations.
- And celebrate with a piece of Earth Day cake!

Event is free to attend. Regular admission rates apply.



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Follow us on Facebook! 

Butterflies: Mother Nature's Jewelry

– continued from page 1

Butterflies are often confused with moths, but there are several ways to tell the difference. The most reliable way is to look at their antennae, the finger-like projections above the eyes. If they are thin and have a knob at the end, the insect is a butterfly. Moth antennae can be feathery and seem to taper to a point at the end. The body of a butterfly is usually thin and smooth while the body of a moth is fuzzy and thick. Most butterflies are brilliantly colored with elaborate designs. While some moths can also be colorful, most of them range from grey to brown or black. Butterflies are usually diurnal, meaning active during the day, where moths are usually nocturnal, meaning active at night. The reason they are active at different times of the day is to help reduce competition since both moths and butterflies use flowers as a food source. When sitting on flat stones or boards, butterflies will rest with their wings held upright most of the time. Moths usually rest with their wings open and flat.

Our butterfly garden has all the elements necessary to attract butterflies, food, shelter, nesting sites and water. In the summer, the butterfly garden receives hours of unobstructed sunlight. This is important so butterflies can warm up their flight muscles. It is important to include

plants that provide both food and shelter to support all life stages of the butterfly. A water source is another key component. Having a small area with mud or very shallow water will provide the butterflies with a drinking source.

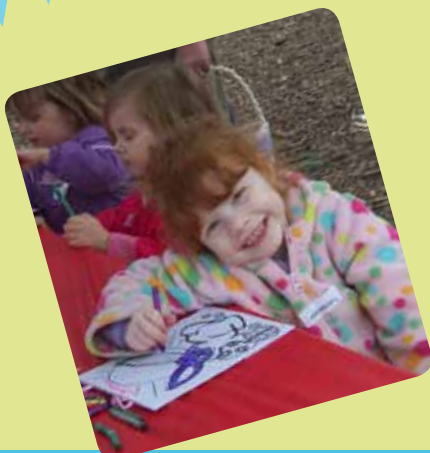
Watching butterflies in the wild can be very rewarding. You can enjoy the viewing experience even more by bringing these amazing, colorful insects into your own backyard. Not only will you be able to enjoy their beauty, but you will also be helping Illinois butterfly populations. Illinois is home to approximately 150 species of butterflies, 7 of which are threatened or endangered. Providing a safe location for these insects to feed and nest can have a positive impact on their populations.

If you are interested in planting a butterfly garden, visit the Illinois Department of Natural Resources website at <http://dnr.state.il.us/education/MOTH/index.htm>. They provide a list of plants to include in your garden that serve as food sources for both caterpillars and adult butterflies. We hope you will also stop by Cosley Zoo in the spring to see our butterfly garden and discover which species it attracts.

Congratulations Cosley Zoo!



Cosley Zoo was voted
Best Kid's Place
by Glancer
Reader's Choice
in 2012.



Receive 10% off the purchase of one item in the Wild Side Gift Shop!



Expires: April 1, 2013

Code: CTspring13

Must present coupon at time of purchase. Can not combine with any other offers.