

Spring Ephemerals

By Heaven Walker

Naturalist Intern, William Penn University

Walking through lowa's woodlands in early spring, the trees have not yet grown their leaves and the forest seems bleak. But if you take a close look at the forest floor, you may find signs of life. As soon as the snow has melted and the ground has begun to warm, small patches of green will begin to make their way up through the leaf litter, bringing color back into the forest. These first flowers to grow in early spring are called spring ephemerals. The word ephemeral means "short-lived", these early spring bloomers earned this name because they bloom for a short time, and quickly go to seed before dying off. Some spring ephemerals, like Dutchman's Breeches, and Bloodwort only bloom for a day.

Why do they bloom for short periods of time and quickly go to seed? It's all about competition. A spring ephemeral's main goal is to bloom and go to seed before the trees grow their leaves which create a dense canopy and preventing sunlight from reaching the forest floor. So, to beat the trees, the spring ephemerals begin to grow and bloom before the trees produce leaves. This tactic not only helps the spring ephemerals survive, but benefits pollinating insects as well. As our insect pollinators re-emerge in early spring, the spring ephemerals are there to provide a source of food. Without the spring ephemerals, the insect pollinators wouldn't have nectar until late spring when other plant species begin to bloom.

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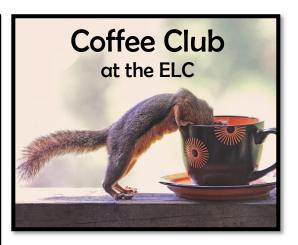
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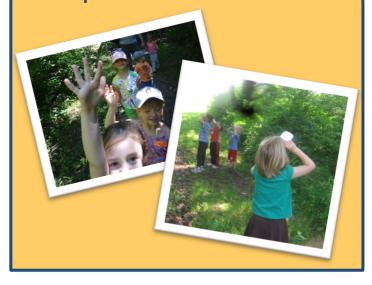
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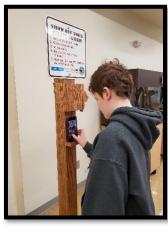
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Mission Statement

The primary mission of this organization shall be to create an awareness of our natural environment, encourage a state of harmony between people and their natural communities, develop and implement public conservation policy, maintain the public's investment in our natural resources, and strive diligently within the budget restraints to provide adequate services for the environmental education and enjoyment of the citizens of Mahaska County.



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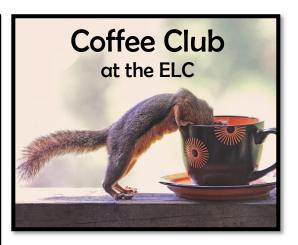
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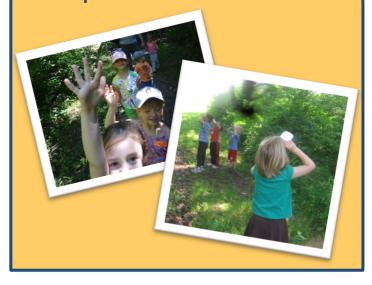
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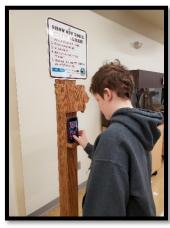
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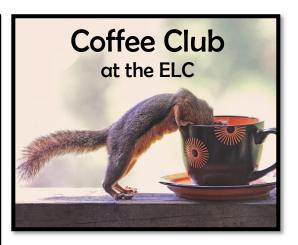
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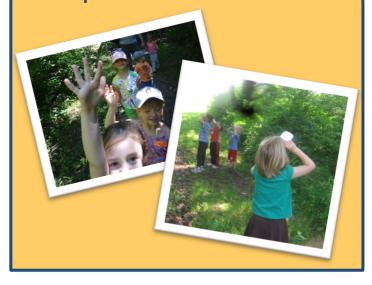
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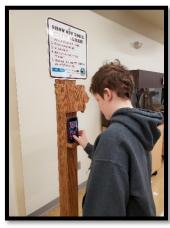
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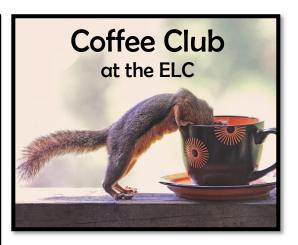
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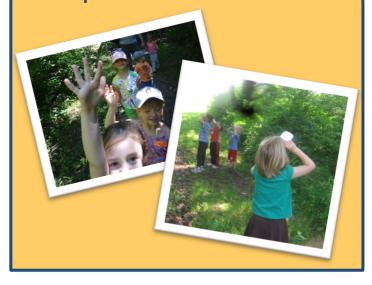
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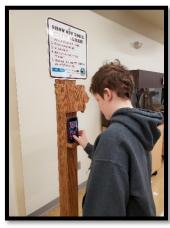
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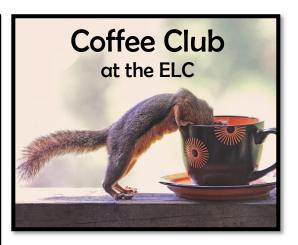
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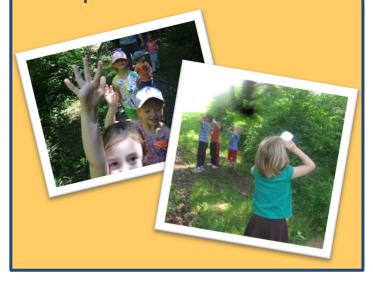
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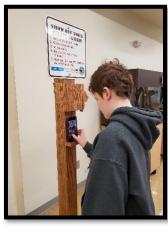
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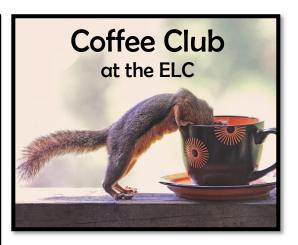
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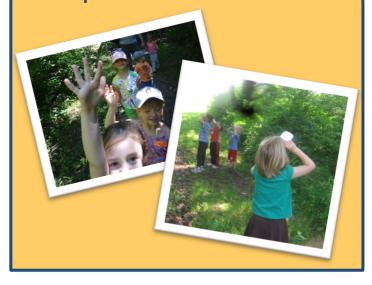
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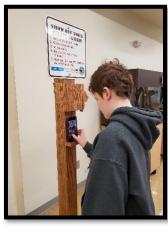
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Begins at 7:30 p.m. – Public is welcome to attend Environmental Learning Center (lower level), Caldwell Park

> April 8, 2021 May 6, 2021 June 3, 2021

Dates and times are subject to change.
Call MCCB at (641)673-9327 for more information.

Mahaska County Conservation Board

Linda Fox, Rose HillChairpersonPeggy Wright, New SharonVice-ChairpersonWillie Van Weelden, OskaloosaSecretarySteve Dixon, OskaloosaMemberCurt Jager, EddyvilleMember

STAFF

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Spring Ephemerals

By Heaven Walker

Naturalist Intern, William Penn University

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Why do they bloom for short periods of time and quickly go to seed? It's all about competition. A spring ephemeral's main goal is to bloom and go to seed before the trees grow their leaves which create a dense canopy and preventing sunlight from reaching the forest floor. So, to beat the trees, the spring ephemerals begin to grow and bloom before the trees produce leaves. This tactic not only helps the spring ephemerals survive, but benefits pollinating insects as well. As our insect pollinators re-emerge in early spring, the spring ephemerals are there to provide a source of food. Without the spring ephemerals, the insect pollinators wouldn't have nectar until late spring when other plant species begin to bloom.

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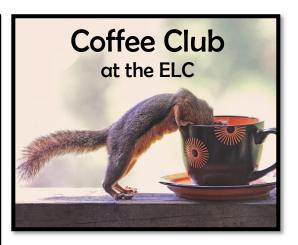
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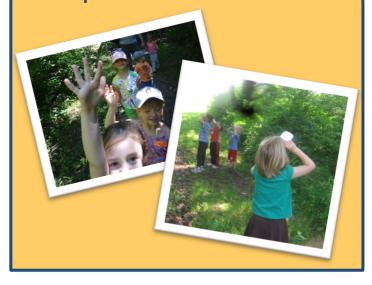
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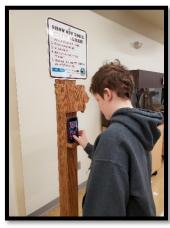
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To all the donors, volunteers, & event participants... THANK YOU!

Eric Dickinson – Bird house donation Shirley Holub Masterson – Flower seed donation Steve & Kim Dixon – Rock and mineral donations Matt Waite & William Waite – Fish for aquarium

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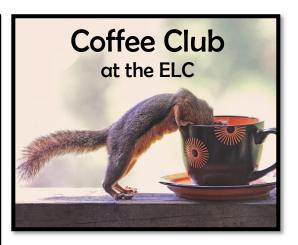
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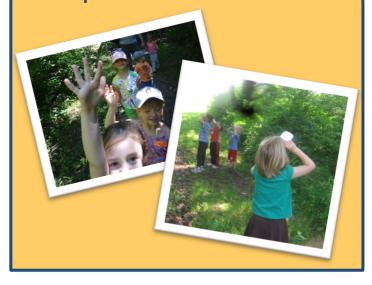
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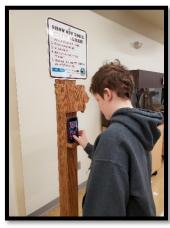
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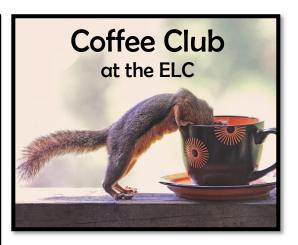
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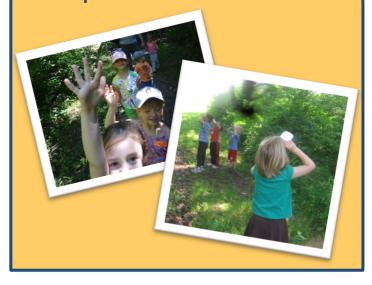
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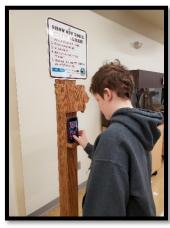
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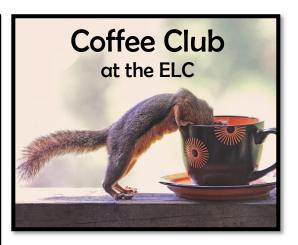
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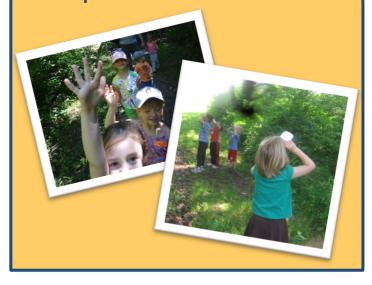
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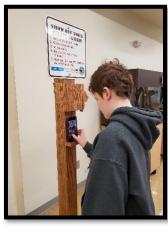
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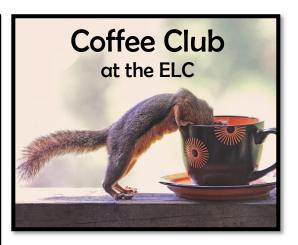
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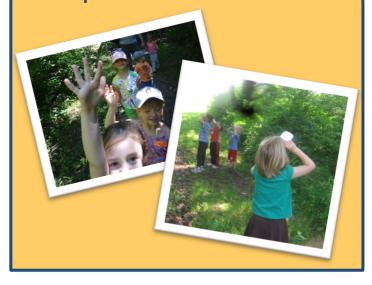
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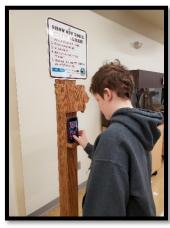
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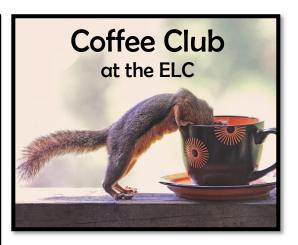
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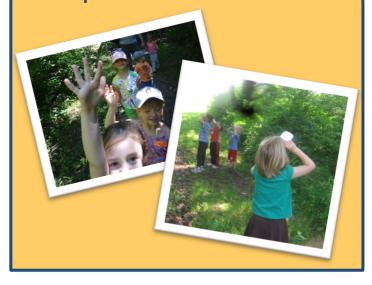
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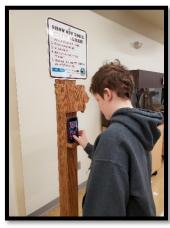
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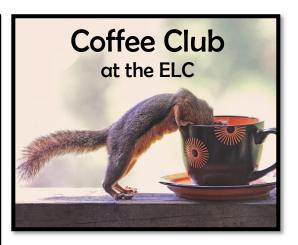
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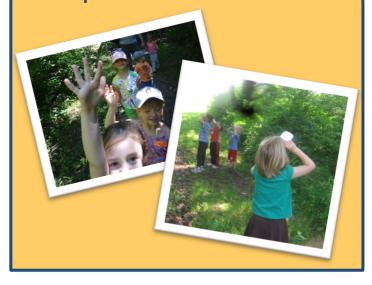
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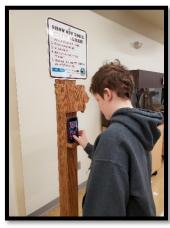
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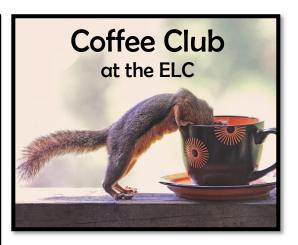
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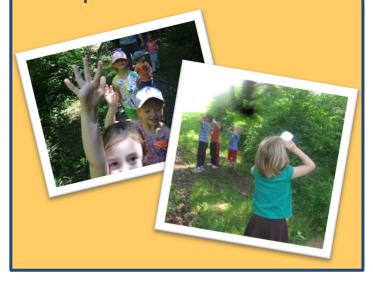
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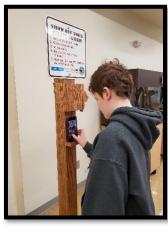
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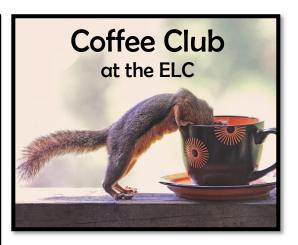
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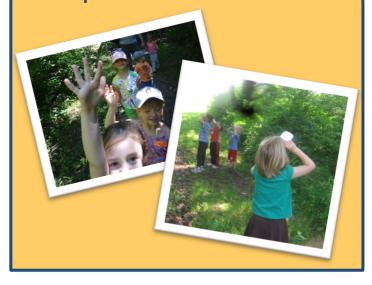
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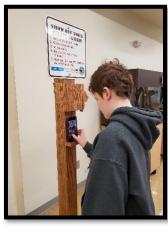
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A Red Fox Display is located on the upper level of the ELC. This beautiful display was made in loving memory of Harold and Dorothy Fox by their family and friends.



This display is currently showcasing Native American artifacts collected by Forrest Burke, Jr. Mr. Burke's family donated the collection to show artifacts that have been found in Mahaska County.



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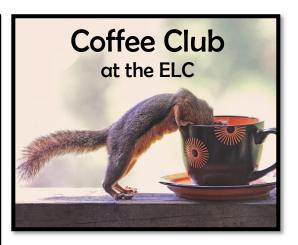
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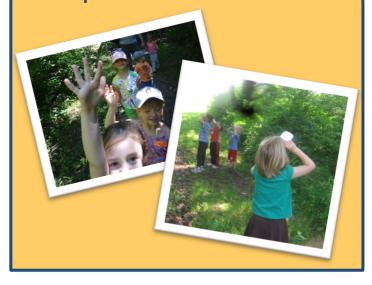
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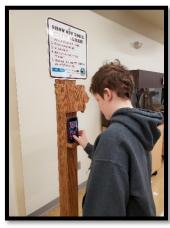
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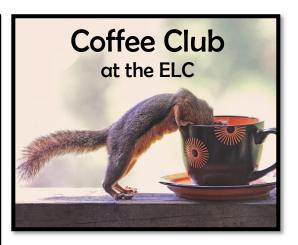
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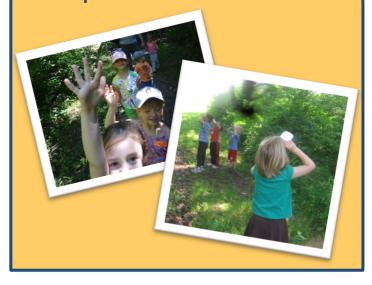
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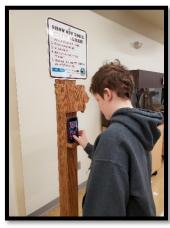
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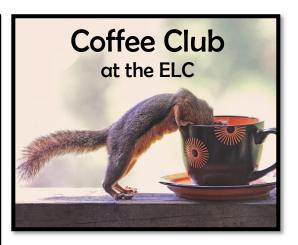
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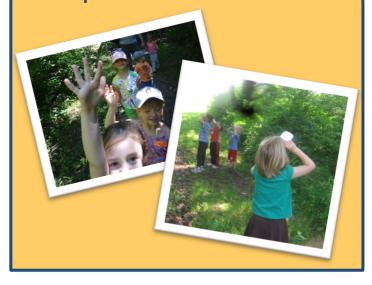
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What's New

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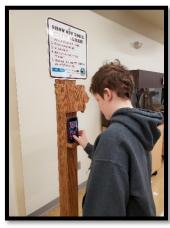
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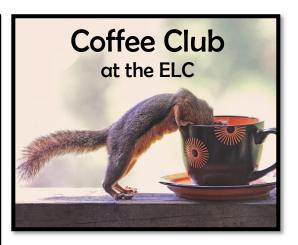
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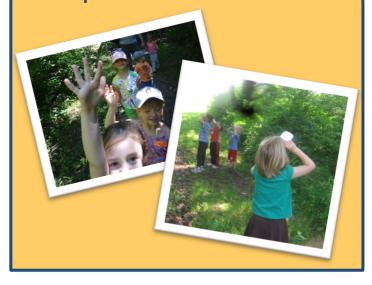
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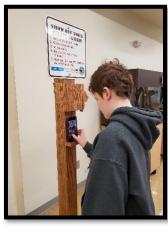
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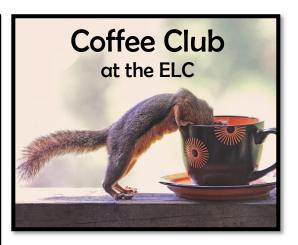
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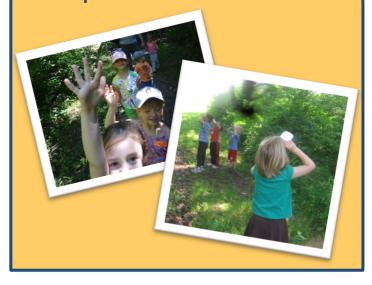
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- Camping available \$15/night (no reservations).

If you would like to perform music at this event, sign up at the Muse Music Store located at 214 S. Market, Oskaloosa or call (641)676-6873.

The Eveland Access Campground is located at 2890 Galeston Ave., Oskaloosa, which is 4 miles south of Beacon on T39 adjacent to the Des Moines River. For more information, call the MCCB at (641)673-9327 Ext. 2.

Eveland Access Summerfest



FREE Live Music

- Outdoor Games Camping
- Dutch Oven Demonstrations
 - Family Fun & more!

Saturday, June 5, 2021 Details coming soon!

If you wish to play music at this event, sign up at Muse Music Store located at 214 S. Market,
Oskaloosa, IA 52577
(641)676-6873





What's New

At the ELC

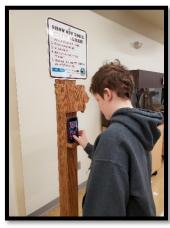
The Environmental Learning Center at Caldwell Park offers many exhibits, live animals (including a 1,000-gallon fish aquarium with native lowa fish), and activities for you and your family to experience while you visit. The ELC is open weekday afternoons from 12:30-4:30 pm. New displays and activities are added periodically. Here is a look at some new things to see and some things that are in the works!



A Red Fox Display is located on the upper level of the ELC. This beautiful display was made in loving memory of Harold and Dorothy Fox by their family and friends.



This display is currently showcasing Native American artifacts collected by Forrest Burke, Jr. Mr. Burke's family donated the collection to show artifacts that have been found in Mahaska County.



Have some fun while you visit the ELC by taking a selfie photo in front of the big aquarium. It's a great way to save a memory of your visit!



This handmade Bald Eagle nest will be on display outside the ELC between the building and the bike trail. It has been donated in memory of former Eagle Scout, John Aaron Mertz.



Beginning fall of 2021, a life-sized mammoth skeleton replica will be made to stand within this display case area. The skeleton will be locally made at William Penn University with funding from MidwestOne Bank in Oskaloosa. A video of the mammoth dig will be installed on the wall adjacent to the skeleton. This

project may be finished by summer of 2022.



UPCOMING indoor display:
MidAmerican Energy helped
purchase this Stewardship
Display located in the center of
the upper-level exhibit area.
This is currently in the final
phases of making it a hands-on
learning experience.

The Prairie Star

The Prairie Star is the quarterly newsletter of the Mahaska County Conservation Board and is emailed to those persons on our mailing list. There is no charge for the newsletter, although contributions to help defray costs are greatly appreciated. Please help us by keeping us informed of any change of email address or if you no longer wish to receive our newsletter.



MAHASKA COUNTY ENVIRONMENTAL LEARNING CENTER HOURS

12:30 to 4:30 p.m.

Monday through Friday or by appointment.

The Mahaska County Conservation Board meetings are open to the public. Visitors are always welcome and encouraged to attend. The board meets the first Thursday of every month at 7:30 p.m. at the Environmental Learning Center. Please note: these dates are subject to change.

Mahaska County's programs and facilities are consistent with pertinent federal and state laws and regulations on non-discrimination regarding race, color, national origin, religion, sex, age, and handicap. If anyone believes he or she has been subjected to discrimination, he or she may file a complaint alleging discrimination with either the Mahaska County Conservation Board or the office for Equal Opportunity, U.S. Department of the Interior, Washington D.C. 29240.

To all the donors, volunteers, & event participants... THANK YOU!

Eric Dickinson – Bird house donation Shirley Holub Masterson – Flower seed donation Steve & Kim Dixon – Rock and mineral donations Matt Waite & William Waite – Fish for aquarium

MCCB Meeting Dates:

Mahaska County Conservation Board Monthly Meetings

Begins at 7:30 p.m. – Public is welcome to attend Environmental Learning Center (lower level), Caldwell Park

> April 8, 2021 May 6, 2021 June 3, 2021

Dates and times are subject to change.
Call MCCB at (641)673-9327 for more information.

Mahaska County Conservation Board

Linda Fox, Rose HillChairpersonPeggy Wright, New SharonVice-ChairpersonWillie Van Weelden, OskaloosaSecretarySteve Dixon, OskaloosaMemberCurt Jager, EddyvilleMember

STAFF

Dave SedivecDirectorLaura DeCookNaturalistTommy VanRenterghemPark RangerJason RyanPark RangerDorothy WedgewoodAdministrative Assistant

Mission Statement

The primary mission of this organization shall be to create an awareness of our natural environment, encourage a state of harmony between people and their natural communities, develop and implement public conservation policy, maintain the public's investment in our natural resources, and strive diligently within the budget restraints to provide adequate services for the environmental education and enjoyment of the citizens of Mahaska County.