



THE DIPPER

VOL. 45 NO. 8
AUGUST 2015

EVERGREEN AUDUBON NEWSLETTER

www.EvergreenAudubon.org

EXPLORE FLYING J

Join Chuck Aid, Evergreen Audubon director of Bird Monitoring, for a Third-Saturday Bird Walk on Aug. 15 from 7:30 a.m. to noon.

The destination will be Flying J Ranch Open Space Park.

Bring water and a snack. Meet at Evergreen Library, where participants will consolidate into as few cars as possible for the 15-minute drive.

These walks are for Evergreen Audubon members and their guests. Non-members won't be turned away, but will be encouraged to join Evergreen Audubon.

To reserve a space, please contact Chuck Aid, caid@ecentral.com or 303-503-2973.

THE NIGHT SKY

Don't miss Evergreen Nature Center astronomy this season!

Gather your favorite folding chair, friend or family member and join amateur astronomer Pam Little for an expertly fun educational experience.

Pam explores the stories of the stars with games and prizes for all.

This season ENC added Moon Gazing to its astronomy lineup, and we invite you to learn more about our cosmic neighbor.

All astronomy programs meet at Evergreen Lake, on the west side of the parking lot, near the restrooms.

All ENC programs are free for Evergreen Audubon members, and only \$4/individual or \$10/family of five.

See schedule on page 9.

Join us Aug. 28 for a Bash of a good time!

The annual Evergreen Nature Center Bash and Benefit is coming up!

Join us Friday, Aug. 28, from 6 to 9 p.m. at beautiful Hiwan Golf Club for an evening of delicious food, complimentary libations, live entertainment, great company and the pleasure of supporting a wonderful program!

We will begin and end the evening with smooth, New York-style jazz by renowned jazz guitarist Clint Dadian.

Enjoy live music, hearty hors d'oeuvres, and complimentary beer and wine as you peruse the fantastic assortment of items at the silent auction tables.

Feel free to participate in a little bit of competitive bidding—it's all for a great cause!

In keeping with our theme, *Explore More!*, ENC Executive Director Vanessa Hayes will engage us with some fun, interactive examples of her activities at the Nature Center.

The *Explore More!* program and other Evergreen Nature Center activities are becoming increasingly well-known and appreciated in the community.

We will be entertained by John Clatworthy as he conducts our live auction and paddle raise.



This year, for the first time, we will have a raffle. First of several great prizes will be a pair of Eagle Optics ED 8x42 binoculars (they are awesome!).

Raffle tickets will be on sale at the Nature Center in August and at the Bash.

Evergreen Nature Center would not exist without the support of a caring, generous community.

Your support at this year's Bash and Benefit will ensure the Nature Center remains strong as a proactive partner in nature education in the mountain area.

Continued funding allows us to reach more schools, enhance the center's exhibits, establish additional programs and find new ways to foster contagious enthusiasm for our natural world.

Please invite your friends to participate. The more the merrier!

Tickets are \$50 per guest or \$75 for patrons. Send your payment with the reply card included in your invitation or register online at EvergreenNatureCenter.org by Aug. 24.

If we missed you in our mailing, please call Ann Dodson at 303-670-8264 or email development@EvergreenAudubon.org for an invitation.

- Ann Dodson, Development Chair

Weeds: answers to your thorny questions

Members of our Evergreen mountain community, especially members of Evergreen Audubon, have been made aware of the impact invasive weeds have on the health and functioning of ecosystems in the Bear Creek Watershed and elsewhere in Colorado.

No doubt many of you have spent more than your share of time pulling knapweed, musk thistle, bindweed and mullein that

have sprung unwanted in your gardens and meadows. But, are those four the whole story?

Do you know the range of invasive weeds that may be lurking on your property or along your favorite mountain trail?

Which weeds are true pests? Are any simply plants out of place that, with proper environmentally friendly control

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EVERGREEN AUDUBON
www.EvergreenAudubon.org

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Meetings first Thursday, 7 p.m., Church of the Hills, 28628 Buffalo Park Road, Evergreen, except January. Meetings in June, July and August are held at Evergreen Nature Center.

PRESIDENT'S MESSAGE BRAD ANDRES

Although we may question whether we have had a summer this year, August is the month when many birds begin their migrations to the south. In our area, you may notice that flycatchers are one of the first groups of songbirds to leave.

In addition to the July influx of Rufous Hummingbirds, be sure to watch for migrant Calliope Hummingbirds during August. You may also notice that warblers and sparrows begin to flock at this time of year.



Right on cue, a Calliope Hummingbird showed up at Shirley and Allan Casey's feeder on July 10. *Photo by Allan Casey*

Remember to keep track of the birds and trips you take in the Bear Creek Watershed to compete in the Birding Challenge and participate in *Explore More!*

August is also the month when Arctic and boreal-breeding shorebirds (sandpipers, yellowlegs and plovers) begin their long distance journeys.

The end of August and early September is a great time to search for migrant shorebirds on the Eastern Plains.

World Shorebird Day was launched last year to celebrate the amazing migrations of shorebirds, and we are planning an excursion out on the Plains on Sunday, Sept. 6.

I will discuss shorebird migration through Colorado in the September *Dipper* and will provide details for the field trip.

You will see in this *Dipper* that we are planning another great Evergreen Nature Center Bash and Benefit for Aug. 28 at Hiwan Golf Club. Besides the usual silent and live auctions and socializing with Nature Center supporters, there will be live musical entertainment.

Last year we met our target of netting \$10,000 at the Bash, and I hope you will join me in again meeting this target. Hiwan Golf Club is a very affordable venue and allows the Evergreen Audubon board and volunteers to focus on tasks other than gathering plates and doing dishes.

There is still time to volunteer at Evergreen Nature Center, as we will be open five days a week through August.

If you haven't already purchased your (winning) ducks for the Dam Ducky Derby, you can stop by Evergreen Nature Center before July 30 to be assigned numbers. You may also purchase ducks online at www.EvergreenAudubon.org. (Scroll down to click on the Dam Ducky Derby icon.)

Did you hear that a moose visited Evergreen Lake during the first week of July? Enjoy the remaining days of summer.

Aug. 7 concert at The Place to benefit Nature Center

In celebration of a summer filled with *Explore More!* adventures, Evergreen Nature Club is organizing a summer concert featuring award-winning singer/songwriter Beth Wood with proceeds benefiting Evergreen Audubon and Evergreen Nature Center.

The concert will take place Friday, Aug. 7, at The Place (27888 Meadow Drive near the intersection with Highway 74). Doors open at 7 p.m. Suggested donation is \$20 per person.

The Nature Club is a group of Evergreen kids (and their parents) who get together weekly for outdoor adventures. Founded by Evergreen third-grader Jenna Audlin, the club engages in informal hikes led by naturalists from Evergreen Audubon and Evergreen Nature Center.

With the help of Vanessa Hayes, ENC executive director, the club has taken on an educational component that has exceeded our wildest dreams.

The Nature Club is hosting this concert with gratitude for the resources and expertise that has been shared so generously with a new generation of nature lovers.

Singer/songwriter Beth Wood is a modern-day troubadour and believer in the



Founding members of Evergreen Nature Club on a nature stroll at Evergreen Lake. Photo by Mendhi Audlin

power of song. Her exceptional musicianship, crafty songwriting and commanding stage presence have been winning over American audiences for 18 years.

Beth's music is a soulful, organic, intelligent, barefoot, high-energy communication of joy.

Beth has been featured on OPB's "Artbeat" and on "Troubadour, TX,"

a nationally syndicated documentary-style singer-songwriter reality television series airing in almost 40 million households and 140 U.S. markets.

Beth has been a three-time featured artist on "Cayamo: A Journey Through Song," along with Lyle Lovett, Shawn Colvin, John Prine, Patty Griffin, Emmylou Harris and Richard Thompson.

You can learn more about Beth and her music at www.bethwoodmusic.com.

There will be a bake sale during intermission with proceeds going to Evergreen Audubon.

If you would be willing to bring baked goods to sell or contribute coffee/tea/wine, please contact Mendhi Audlin at 817-296-5817.

Please help us spread the word, and plan to attend for a fabulous evening of music and fun. Tickets are available now online at <http://bit.ly/1UH1s6R>.

- Mendhi Audlin

Answers to your thorny questions about weeds

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and monitoring, could have a (modest) place in our yards and landscapes?

If you are like me you might not know which weeds are native to our lands and which have brought a host of problems.

If these and other thorny questions about weeds nettle you, you are advised to put down your trowel, brush off your knees and make your way to the Evergreen Audubon Chapter Meeting on Thursday, Aug. 6, at 7 p.m. at Evergreen Nature Center. (Doors open at 6:30 p.m. for socializing.)

There, after an opportunity to meet with all your Audubon friends, we will have a brief presentation on invasive weeds by Betsy Kelson, Marilyn Kaussner and other members of the Community Weed Awareness Campaign.

The presentation will be followed by a walk along Evergreen Lake and nearby



Orange Hawkweed

to see these invaders in their non-native habitat and learn how to control and manage these pests in our own gardens and wild lands.

CWAC is a coalition of Evergreen Audubon, the Mt. Evans Group of the Sierra Club and Evergreen Garden Club,

with the purpose of raising awareness of how invasive weed species are altering our mountain landscapes and the goal of teaching all of us the steps necessary to manage them.

Weeds are among evolution's masters of survival and within the many weed species, the potential for invasion varies.

Come find out which weeds were introduced here intentionally and which might have hitched a ride to thrive in Evergreen.

Bring your weed samples for identification. Perhaps what you thought was a noxious weed is just a native wildflower doing well with this year's abundant moisture.

We are looking forward to seeing you on Thursday, Aug. 6, when we will have an opportunity to get up and break out from our standard meeting format and *Explore More!*

- Ed Furlong, Director of Education

Evergreen

Barbara Klaus saw a single **Bald Eagle** at Evergreen Lake the morning of June 4.

Bill and JoAnn Hackos had two **Rufous Hummingbirds** at their feeder July 2.

Inga Brennan had a male at her feeder in Genesee on Wednesday, July 1st.

Larry White saw reports on Pinecam.com of them arriving in Conifer as early as June 23.

Else Van Erp emailed July 8, "Along with a large assortment of local birds, nuthatches, bluebirds, chickadees, wrens, etc., I also have **Red Crossbills** feeding young."

On July 9, Barbara Jean Gard had a pair of **Plumbeous Vireos** feeding a fledging **cowbird** in Dedisse Park.

On July 10, Shirley and Allan Casey hosted not only **Broad-tailed and Rufous Hummingbirds** but a **Calliope Hummingbird**, too! (Photo on page 2)

Eagles and Peregrines Fledge

From Marcia Boyd, one of the Jefferson County eagle nest monitors:

"I thought I would let you know that the **Golden Eagle** eaglet fledged sometime between 4:30 p.m. on June 29 and 9:30 a.m. on June 30.

"Since I know that quite a few Audubon members check out the nest site, if you hear from anyone else with a more precise fledging time, please let me know so I can report it to Jeffco Open Space."

Rob Raker saw the **Peregrine Falcon** eyases at Red Rocks on July 2. "Looks like these guys are getting ready for take off!"

I was at a concert at Red Rocks July 4 and saw three eyases in the nest cavity and one on top of Creation Rock.

Berrian Mountain Park

Chuck Aid shared this interesting report on June 21. "Yesterday, as part of Evergreen Audubon's ongoing Third-Saturday Bird Walks, six of us spent the morning at Berrian Mountain Park.

"I love it when you get out of the car with full intent of heading off in a certain direction, and immediately you find yourself not adhering to that agenda at all



Local photographer Fawn Wood shot the aurora in Aurora, over DIA, on June 22.

because suddenly a particular bird shows up.

"Yesterday morning that bird was a **Red-naped Sapsucker!** Then, over the course of the morning we saw and heard another 28 species

"Highlights included nests with youngsters and attendant adults for **Williamson's Sapsuckers, Hairy Woodpeckers, House Wrens and Mountain Bluebirds.**

"We got to watch **Western Tanagers** nest-building, and a pair of **Violet-green Swallows** hanging out.

"One of the more intriguing observations was of a **Townsend's Solitaire** perched low in a lodgepole pine and being steadfast in maintaining its proximity to its nest in a recess of a large boulder.

"The nest was a bulky mass of sticks with some pine needles and grass and lined with some loose feathers.

"Of particular interest to me was that it had a bit of an apron of material extending out of the recess and hanging down a bit.

"Evidently, this is a common characteristic of **Townsend's Solitaire** nests (Harrison, "A Field Guide to Western Birds' Nests").

Wild Evergreen

Aurora Borealis—Wow!

The aurora borealis was seen vividly in Colorado June 22. Severe geomagnetic

storms brought the strongest northern lights to Colorado since 2003.

Pika

Info and photos from Shirley & Allan Casey

These small mammals will be especially busy scurrying around talus slopes as they collect a wide range of plants to store for winter.

Pika are lagomorphs—and thus in the same order as rabbits, even though many people think they look like small rodents.

Their small size and light tan, brown and gray fur helps camouflage them among rocks and drying grasses of the same color.

Pika are active year round, hence their need to collect substantial food stores to help survival underground during unusually long or harsh winters above tree line.

They create "haystacks" for drying found under overhanging rocks and in underground chambers. These storage areas may contain several dozen different types of plants, including forbs, clovers, sedges, grasses and conifer needles.

There is considerable concern in the conservation community about the impacts of climate change on these tiny creatures.

As a result, attention is being given to monitoring alpine habitats, populations, trends, threats and more. For more information on how people can help with pika

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BIRD BUSINESS, CONTINUED

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conservation in Colorado, visit www.pikapartners.org.

Here are a few tips on locating and watching pika.

- Identify some talus slopes with small, vegetated areas. Above tree line is often best, such as up on Mount Evans.

- Find a place where you can safely sit and watch—either from your car (which serves as a great and mobile blind) or from a very sturdy, secure place. (Don't assume rocks are stable!)

- Stay quiet and relatively still. Move very slowly and carefully to avoid falls, and to not startle pika or other wildlife.

- First, listen for their high-pitched alerts or calls that alert others to the presence of possible predators. It sounds like an intermittent "CHEEP."

- Then, from the location of the sound, watch for motion of what appears to be small, quickly moving "rocks" (3 to 5 inches long).

- Binoculars are useful since the pikas are small, hard to locate and quickly hide from predators, including wildlife watchers.

- Capturing photos such as shown here requires considerable patience, sitting as still as the surrounding rocks, and using a long lens on the camera (200mm is sufficient).

- The juveniles will generally emerge from the rocks more eagerly than a seasoned adult, as they will be very curious as to who or what you are.

- Whether photographing or just watching, enjoy and cherish the opportunity to see these little and increasingly rare wonders.

Butterflies

Info and photos from Shirley & Allan Casey

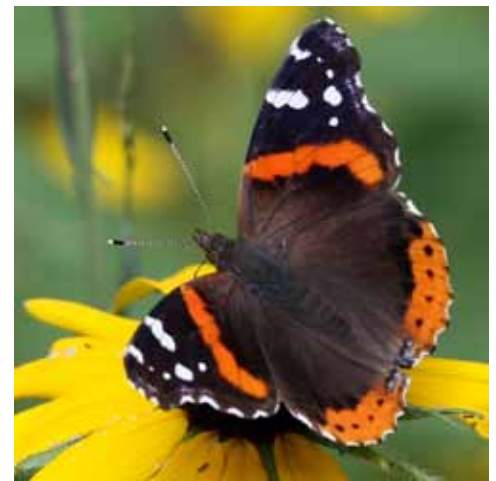
The painted lady butterfly is described as one of the most widespread butterflies in the world and flies in a variety of habitats.

This orange and black butterfly has white spots on black wingtips and a back mark on the innerpart of the forewing.

It has a fully extended, open wingspan of approximately 2 to 2-1/2 inches. The painted lady flies in foothills and montane areas from April to September.



Juvenile pika watching for predators. Notice that pika toes are very similar to rabbit toes. *Photo by Allan Casey*



Painted lady, left, and red admiral butterflies. *Photos by Allan Casey*

While it can have up to three broods in Colorado each year, the life stages do not survive over the state's cold winters.

The painted lady butterflies hatch in northern Mexico and the southwestern United States in the spring and migrate to the rest of their range, often migrating in large swarms.

The striking red admiral butterfly, in the same family as the painted lady, can be seen in the foothills, plains and wet

meadows—especially near nettle and false nettle plants from June until late September.

From the top, this butterfly has very dark wings with a thick orange-red stripe on the forewings and marginal band on the hindwings and a few white spots on the outer wingtips, and some blue dots.

The underside, or ventral side, is mottled dark color with a few white bars. The wingspan is 1¾ to 2½ inches.

Red Rocks mission: Save the Peregrine Falcons

Rob Raker and I have been trying to keep an eye on the Red Rocks falcons this year. I confirmed that the **Prairie Falcons** had two eyases at their historic nest site on Park Cave Rock.

I had seen the **Peregrine Falcon** (PEFA) pair flying over Creation Rock, but had not been able to confirm the location of their nest site or the size of their brood.

Discovery of Nest Disturbance

On June 22, Rob told me he had gone to Red Rocks and heard a Peregrine Falcon's familiar call. He began to hear two of them and a heightened and more frantic screeching. He then saw two falcons soaring and swooping at the top of Creation Rock.

"To my utter amazement, I saw three men decked out in rappelling gear and poles on the summit of Creation Rock," Rob said. "I tried to go around for a better view and was stopped by two park personnel who informed me that the men were doing some rock maintenance work removing rocks loosened by the recent storms."

Rob watched for the next three hours. "After the men descended from their first rappel, I noticed the adult falcons had taken the opportunity to go in and feed the eyases on the eyrie as they had been trying to do for over an hour. I saw that there were at least two youngsters on the long ledge as they scurried to consume the food brought in by the adults."

Then the workers rappelled directly over the ledge the eyases were on. The first worker took out his cell phone and started snapping photos and video.

"It took the two of them over a half an hour from when they were standing 10 feet over the nest to get below it," Rob said. "Meanwhile, the adult birds were in a total state of stress, not to mention what the eyases must have been experiencing."

Ranger Notification

I contacted Joe Roller, president of Denver Field Ornithologists, immediately. He contacted Dennis Brown, park

ranger supervisor for Denver Mountain Parks. Dennis said that an engineering firm has a contract with Mountain Parks to inspect the rock faces and detect any loose rocks, etc., that endanger the tourists below.

Dennis understood that the activity this week was a violation of federal law (the Migratory Bird Act), even if totally innocent or inadvertent. He contacted the appropriate people and agreed to report back after his intervention.

Ranger Response

"We were unaware of the rock work that was scheduled," Dennis said. "We contacted Arts and Venues and the contractor immediately to discuss the work and threat to the nesting area."

"While the state has some guidelines for working around protected species nest, there is no law specifically against it. The guidelines include staying a half-mile from the nesting site. Obviously, that cannot be attained.

"However, direct 'disturbance' of the nest is forbidden. The interpretation of a "disturbance" is a difficult thing, especially given the environment these birds have chosen (concerts, etc). The rockwork is necessary for the safety of all park visitors.

"We did have a discussion with the rock workers and they agreed to work



Workers rappelling past Peregrine nest. Photo by Rob Raker



Four hungry eyases. Photo by Marilyn Rhodes

away from the nest as they inspect and do work. The work should be minimal and they will not be back until late fall for follow up.

Planning for Next Year

Joe Roller wrote, "I understand that the rockwork is necessary to protect park visitors. Rockwork in the fall would never be a problem.

"How can we be proactive and work with Arts and Venues and the contractor to devise a plan for next spring and early summer rockwork?"

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Nature-loving Metro State grad is 2015 ENC intern

Meet Evergreen Nature Center's new seasonal naturalist, Mark Edwards.

Mark started on June 17 and will help out at ENC until Oct. 12, working Thursday through Sunday in the summer and weekends in the fall.

"We are happy to have such a dedicated, creative, nature-loving member on our team!" said Vanessa Hayes, ENC executive director.

The new intern is a recent Metropolitan State University of Denver graduate with a degree in environmental science. He is a Colorado native.

"Since I can remember my parents have been taking my sister and I camping and hiking, leading to a strong foundation and love for the natural world," Mark said.

In his last semester at Metro State he interned for the Audubon Society of Greater Denver, where he taught elementary and junior high students and realized his calling in interpretive education.

"Since January I've become an avid birder, which has opened my eyes to the diversity and complexity that they display and I am excited to see what my future as a birder holds," he said.

After graduating from high school, he lived in New Zealand, where he decided to pursue a career in the sciences. During his university years he focused his studies toward zoology and biology. He began searching for a career in spreading awareness of how important it is to protect "the fragile and beautiful nature that surrounds us."

He has a passion for teaching all ages, from children to senior citizens.

"When I was a kid my grandparents took me to Rocky Mountain National Park, where I became a 'Junior Ranger,' and I have been doing my best to protect nature since 1993," Mark said. "I will continue to do my best to educate those around me on the wonderful experiences and knowledge that I have gained over the years."

Mark added that he is thrilled to meet, share and learn from everyone he'll come in contact with at Evergreen Nature Center.

- Debbie Marshall

Red Rocks mission: Save a falcon

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Follow up

I believe the workers stopped work at the nest site immediately as a result of Joe's notification, although they continued to work at other sites in the park. Ron McElvain, Colorado Springs, met me at the park on June 26, and we had a chance to observe the Peregrine Falcon nest site. We watched one of the adults bring food in twice to FOUR hungry eyases!

Ron and I also checked the Prairie Falcon nest site and were soon joined by Rob Raker. The three of us saw both adults and two freshly fledged eyases. They flew beautifully but had rather rough landings. It was great to see the nest sites and confirm that all of the young were doing well.



Mark Edwards in Moab, Utah. Photo by Alicia Gamble

PAID ADVERTISEMENT

Birding With Mike

"Birding 101-a"



Song Sparrow

3 evening classes (Aug 19, Sept 2 & 16), 3 half day field trips (Aug 22, Sept 5 & 19). Total cost \$60.

Learn ID technique, plus fun facts about various birds. Sign up early to receive preliminary handouts.

Details:

www.BirdingWithMike.com

Questions:

Mike1.foster@comcast.net

Last January, JoAnn and I were fortunate to spend some time birding in Yellowstone National Park.

Not much in the way of birds at Yellowstone in January but the snow cover made it much easier to spot large mammals. We saw the general winter assortment of elk, bison, moose, coyotes and wolves.

We were lucky to spot a pack of wolves on a ridge a mile away interacting with a herd of bison. The wolves tested each bison to see if might be weak from the winter, injured or sick and could be separated from the rest of the bison herd.

The bison stood in a ring with horns facing out. The wolves would try to separate each bison from the herd. If the wolves got too close, one of the bison would charge the wolves. The wolves would scatter. "Not this one, let's try another."

The testing went on for hours. Finally the wolves gave up, hoping for a better day tomorrow. We were fascinated with our observations of wolf-prey interaction.

I purchased "Decade of the Wolf: Returning the Wild to Yellowstone" by Douglas W. Smith and Gary Ferguson at the lodge bookstore. This book chronicles the years from the introduction of wolves into Yellowstone in 1995 to its publication in 2005.

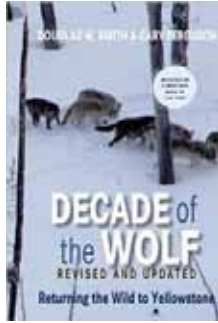
Smith is a wolf biologist and Ferguson is a nature writer. Smith worked with the wolf project from the beginning and has studied wolves for more than 25 years. Ferguson helps Smith tell his fascinating story.

Ferguson provides chapters that alternate between the story of the 10-year introduction and those that are portraits (essentially biographies) of individual wolves and their packs.

After the decision was made to reintroduce wolves to Yellowstone, the reintroduction team began trapping wolves in British Columbia.

Because wolves are so social, the team tried to trap wolves from the same pack, rather than random wolves that did not know one another.

In Yellowstone, the wolves were



Decade of the Wolf, Douglas W. Smith and Gary Ferguson, Lyons Press 2012

A new industry has grown up in Yellowstone since the wolf reintroduction

placed in one-acre holding pens together with their pack mates for six months or more before release. The team was concerned that if they were immediately released upon arrival, they might make a beeline back to Canada.

After spending time in the pens, the pack would be acclimated to Yellowstone. A total of 118 wolves were captured and transferred to Yellowstone. The wolves were fed with road-kill, and people stayed away from the pens as much as possible so the wolves would not be habituated to humans.

Finally, it was time to release the wolves. All of the wolves were collared with radio transmitters. The gate was opened. Some of the wolves made a dash for freedom. The first elk kill was made within 100 yards of the pens.

But most of the wolves were afraid to leave through the gates. The wolves associated the gates with humans. To get the wolves to leave, the team knocked down fencing far from the gates. All the wolves finally left the pens.

After the wolves were released, all with radio collars, Ferguson and team studied their behavior. During the next 20 years, the wolves formed about a dozen packs, ranging in size from two to more than 12 individuals.

All packs have an alpha male and female. It had been thought that all breed-

ing within a pack was by the alpha male and female. But some of the Yellowstone packs have more than one breeding pair, probably because of the availability of prey in Yellowstone and the protection from human activities.

Both males and females in the pack take part in raising the offspring.

Wolves are very territorial. Fights break out between rival packs over territory. The greatest cause of death among wolves is battle with other wolves.

Individuals leave their packs occasionally and form new packs. At the same time other packs may merge or dissolve, so the geographic distribution is constantly changing.

The reintroduction has resulted in major changes to Yellowstone. In the 20 years since the release, the elk herd has been cut in half.

The decrease in elk grazing has allowed lots more vegetation to become established. The elk and bison herds are healthier.

The wolves have not become habituated to people. There have been few direct interactions with people. The wolves have generally not left Yellowstone and have not preyed on domestic animals.

Wolf packs generally specialize on one prey species. In Yellowstone, most packs exclusively hunt elk, but some exclusively hunt bison.

A new industry has grown up in Yellowstone since the wolf reintroduction. Thousands of people now get to see wolves. Some stay for months. Commercial trips take people to see the Yellowstone wildlife.

People fly to Yellowstone and sleep in the resorts, hotels and campgrounds in the area. The wolves have added much to the economy of the region.

Ferguson's book is not just a discussion of the reintroduction and wolf behavior, it is full of stories about individuals and packs. There is not much about birds, of course.

It's a fascinating story all about the daily lives of a top predator and its prey in one of the last large wilderness areas in the country.



ENC Spring and Fall Hours

Sat & Sun 10-4

Summer Hours (5/27-8/30)

W-F 12-4, Sat & Sun 10-4

August 2015 Classes

Stargazing at Evergreen Lake, Saturn visible.

Saturday, August 1, 8:30- 9:30 pm

Join amateur astronomer Pam Little each month for a tour of the night sky. Meet on the west side of the lake parking lot. Bring a blanket or camp chairs.

Life Below the Surface

Sunday, August 2, 2 pm

Ages 6-10 with adult

Splash in and learn about who lives below the surface of Bear Creek and Evergreen Lake - what do they do and who do they eat?

Evergreen Audubon Presents: Wildflowers and Weeds

Thursday, August 6, 7 pm (doors open at 6:30)

Free Event

Learn to tell the good wildflowers from the invasive ones. For those up for Exploring, we'll take a stroll around the lake to identify and pull the invasive weeds. Bring gloves. You can also bring plants from home to validate the species.

Explore More! Social Strolls

Fridays, 11 am- Noon

Explore More participants only. Register (\$15/individ. \$25/family)

Wednesday Wild Ones: Wildflower Rainbow

Wednesday August 12, 11 am

Ages 2-5 with adult

Explore the colorful world of Colorado Wildflowers through song, dance and play, and learn the favorite colors of your favorite animals!

Explore More! & Evergreen Audubon Naturalist Hike:

Saturday, August 15, 8 am

Location TBD. Check your *Explore More!* weekly update for more information.

Over the Moon

Saturday, August 29, 8:15-9:15 pm

New Event!

Due to popular demand, ENC is adding moon watching to our 2015 astronomy line up! Join this learning celebration of earth's lovely, lunar companion! Meet on the west side of the lake parking lot. Bring a blanket or camp chairs.

CALENDAR OF EVENTS

Aug. 1	Stargazing	8:30–9:30 pm	Evergreen Lake
Aug. 2	Life Below the Surface	2 pm	Evergreen Lake
Aug. 6	EA Chapter Meeting <i>Doors open at 6:30 for socializing</i>	7 pm	Nature Center <i>Summer location</i>
Aug. 7	EA/ENC Benefit Concert	7 pm	The Place
Aug. 7–28	(Fridays) <i>Explore More!</i> Social Strolls	11 am–noon	
Aug. 12	Wednesday Wild Ones: Wildflower Rainbow	11 am	Nature Center
Aug. 15	Third-Saturday Bird Walk	7:30 am–noon	Meet at Library
Aug. 15	<i>Explore More!</i> Naturalist Hike	8 am	TBD
Aug. 28	ENC Bash and Benefit		Hiwan Golf Club
Aug. 29	Over the Moon	8:15–9:15 pm	Evergreen Lake

Please submit *Dipper* newsletter content by the 10th of the month to dipper@EvergreenAudubon.org. Your submissions will be forwarded to both *Dipper* editor **Debbie Marshall** and **Kathy Madison**, EA Director of Communications.

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Audubon Rockies Office, Rockies.Audubon.org

Evergreen Audubon Local Membership Application

I/we would like to join the Evergreen Audubon. I/we may participate in all chapter activities, receive *The Dipper* newsletter electronically, and vote (two Family members may vote) on chapter issues. Dues remain locally.

Date _____

	Individual	Family
Annual dues	\$ 25	\$ 40
Electronic <i>Dipper</i>	\$ 0	\$ 0
Hard-copy <i>Dipper</i> (members only)	\$ 15	\$ 15
Additional donation	\$ _____	\$ _____
Total	\$ _____	\$ _____

Name _____

Family member(s) name(s) _____

Address _____

City _____ State _____ Zip _____

Phone (optional) _____

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(must include for electronic *Dipper*)

Enclosed is my check payable to: **Evergreen Audubon, P.O. Box 523, Evergreen, CO 80437.**

I DO NOT want solicitations from National Audubon.

If you would like to join or donate to the National Audubon Society directly and receive the AUDUBON Magazine, use chapter code C9ZD090Z and call 1-800-274-4201.

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