



## President’s Message – Marsha Fogarty

Many of us just got back from a wonderful tour of Yellowstone National Park. I want to thank Nona Hentschel for coming up with the idea and beginning the planning process and to Joan Adkins for picking up the ball and running with it when illness, pandemics, floods, etc. interrupted the planning process. Whew! Hard to believe we finally pulled it off. We had many good photographers with us, including the fearless editor of the newsletter, Linnea. You will see a couple pictures from the trip this month and even more pictures in November. It was particularly fun to meet Katy who helped us plan the trip with Yellowstone Forever. Our two guides, Sam and Alex, were terrific and very knowledgeable.

Next, I want to thank all of the docents who stayed home and quietly went about the job of making sure everything was running smoothly in Big Backyard, Penguins and Pelicans, the Loft, tours and safaris. You all kept the show going and we appreciate it. We knew you had it covered so we didn’t have to worry. I know more hard work is coming and we have CECs scheduled for all of us to gear up for the coming tour season. Zoopeteers are getting together to refresh on putting up the stage and on our scripts. If you think you would like to try being a Zoopeteer, call Mindy Mahler. I think it is a blast!

*Marsha*



Tour guide Sam, Yellowstone Forever tour coordinator Katy Fast, and tour guide Alex (L-R)



(L-R) Nona Hentschel and Joan Adkins being thanked by Marsha Fogarty during the Yellowstone National Park trip

## DATES TO KNOW

*Meetings start at 9:30 a.m.*

- Oct 5..... Board Meeting ..... **EdVenture**
- Oct 8..... IE Meeting ..... Safari Lodge
- Oct 12..... TE Meeting ..... Safari Lodge
- Oct 26..... Education Mtg ... Safari Lodge
- Nov 2..... Board Meeting ... Safari Lodge
- Nov 9..... TE Meeting and Staff Lunch  
**Lodge at Moose Lake**
- Nov 12.... IE Meeting ..... Safari Lodge
- Nov 16.... Education Mtg. ... Safari Lodge
- Dec 3 ..... Holiday Party at Marie  
Poyzer’s from 2:00-5:00 pm  
*No meetings in December*
- Jan 4 ..... Board Meeting ... Safari Lodge
- Jan 11 ..... TE Meeting ..... Safari Lodge
- Jan 14 ..... IE Meeting ..... **LML**
- Jan 25 ..... Education Mtg ... Safari Lodge

## CECs and Training

**CECs 9:30 AM in the Safari Lodge**

- Oct 1 ..... Colorado Life Zones  
**NEW SESSION ADDED**
- Oct 19 ..... Colorado Life Zones
- Oct 22 ..... Zoogeography
- Nov 19 ..... Topic TBA
- Jan 7 ..... Docent Class of 2023 Training  
begins on Saturdays

## IN THIS ISSUE

- Monthly Program Information ..... 2
- CEC Corner ..... 2
- October Enrichment ..... 2
- Bears – Super Hibernators ..... 3
- October Bookshelf ..... 3
- Articles and Information of Interest ..... 3
- Yellowstone Forever Field Trip ..... 4
- Pictures ..... 4

## Vision Statement

*“Every Kid, Every Time, Goosebumps! Every kid, of any age, will have an experience for a lifetime with every visit.”*

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## Monthly Program Information

### IE Meeting on October 8 – Safari Lodge

Pat Dwyer will lead the program and discussion about the Zoo's Social Networking and Online Social Media Communications Policy, including appropriate ways to post pictures, share animal facts and other Zoo information. Plus, there will be lots of other important



announcements and time to network and share stories with other docents!

*Charlotte Greene, IE Chair*

### TE Meeting on October 12 – Safari Lodge

The October program will feature Rachel Wright, CMZ's Public Relations and

Social Media Manager, discussing how CMZ uses social media and best-practice guidelines.

*Jeanie Baratono, President-Elect*

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## CEC Corner

At the time of this writing, 56 docents have completed their Fall Recall and received one CEC. We received many, many terrific answers to the Pelt question, "What would you say to a child if they ask if you hurt this animal," and here are a few great ones:

Cindi Carroll says, "This sample is for you to feel, because you don't want to touch a live wild animal. This sample did not hurt any animal. It was taken after the animal was no longer living." What a great way to convey that touching a wild animal (especially the carnivores) is not a good idea!

Jane Emerson-Brown ponders, "It's never easy to lose an animal ambassador. This pelt allows us to share the beauty of the animal and teaches us knowledge up close and personal about where and how they live." Well done, this opens the door to a conversation about how the animal's coat is useful to their environment (and is also personal).

Linda Gray explains, "No, but because so many guests loved this animal (name), when the animal (name) passed away, we kept the pelt for guests to touch and remember him/her." The notion of remembrance is heart-warming and creates space for a personal connection.

There were a few answers that used terms like 'purchased.' As with anything, it depends on the audience. We walk a fine line, however, between focusing on why we use the pelt rather than where we acquired it. These answers may lead people to take



away the wrong message: "You, too, can buy a snow leopard pelt for your home!" Many pelts that we use are from exotic species; for a person to buy a pelt, most likely that tiger or lion was hunted (or poached!) in the wild. As with anything, we use our best judgment to steer guests to our Zoo's mission of conservation and goosebumps!

This month, I am reading *First and Wildest: The Gila Wilderness at 100*, an anthology edited by Elizabeth Hightower Allen, about America's first designated wilderness. The Gila is south of us, down in New Mexico and this anthology features an essay about the Mexican wolf. It is definitely thought-provoking, too, as it challenges notions we may hold about wilderness.

Remember that we have some upcoming October CECs on Colorado Life Zones and Zoogeography. IEs and TEs alike will enjoy these CECs, there's a lot of great info to use anywhere, anytime when interpreting! **Log into [SignupGenius](#) to sign up.** If you don't see ZG just wait a few days, it will be available for signups around the 15th. See you there!

*Cris Stoddard, CEC Chair*

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## October Enrichment

Making cannolis for the chickens and rats has been a big success!

Thank you to: JoAnne Warren, Vicki Unger, Anne Wardrop, Judy DeGroot, Marsha Fogarty, Ellie Solomon, and Lori Emge for helping!!

A super big shout out to our amazing popcorn crew for always having popcorn available!

We'll be making cannolis after the IE meeting on Sat. Oct. 8. Call if you would like to help (425-232-0068).

Thank you to everyone who brought in paper towel rolls 🧻, we met our goal of 190!

*Jean Bennett, Enrichment Chair*



*Hoglet on the move – Susan Hoxie*



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## Bears – Super Hibernators

*From NPS Yellowstone National Park webpage*

For many years some people did not consider bears to be true hibernators. Mammals considered true, or deep hibernators, such as chipmunks and ground squirrels, experience a drastic decrease in body temperature during hibernation. Body temperature for hibernating bears remains above 88°F (31°C) which is within 12°F (11°C) of their normal body temperature of 100-101°F (37.7°-38.3°C). This allows bears to react to danger quicker than hibernators whose body temperature may be less than 40° F (4° C) and who have to warm up before they can move quickly. Many scientists now consider bears to be super hibernators.

Due to the highly insulating pelts of bears, and their surface area to mass ratio which is lower than smaller hibernators, body heat is lost slowly which enables bears to cut their metabolic rate by 50-60%.

Respirations in bears decrease from 6-10 breaths per minute normally, to 1 breath every 45 seconds during hibernation. They experience a drop in their heart rate from 40-50 beats per minute during the summer to 8-19 bpm during hibernation.

Mammals that experience lower body temperatures during hibernation, such as chipmunks and ground squirrels, must awaken every few days to raise their body temperature, move around, urinate, and eat. Grizzly bears and black bears generally do not eat, drink, defecate, or urinate during hibernation. Bears live off of a layer of fat built up during the summer and fall months prior to hibernation. Waste products are produced; however, instead of disposing of their metabolic waste, bears recycle it. The urea produced from fat metabolism (fatal at high levels) is broken down and the resulting nitrogen is used by the bear to build protein, which allows them to maintain muscle mass and organ tissues. Bears lose fat and may actually increase lean-body mass while hibernating due to this nitrogen recycling. Bears may lose 15-30 % of their body weight during hibernation.

Several physiological processes bears undergo during hibernation are of interest to medical researchers. When bears are hibernating and metabolizing body fat, their cholesterol levels are twice as high as during the summer and twice as high as the cholesterol levels of most humans. Bears, however, do not suffer from hardening of the arteries (arteriosclerosis) or gallstones, conditions which result from high levels of cholesterol in humans. The bear's liver secretes a substance that dissolves gallstones in humans without surgery. Another mystery of hibernation is that bears

do not lose bone mass during hibernation. All other mammals which maintain non-weight bearing positions for an extended period of time suffer from osteoporosis, or a weakening of the bones. When the substance responsible for this phenomenon is discovered, it may help people who suffer from weak bones.

*Contributed by Cate Kelly*

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## October Bookshelf

*West with Giraffes* by Linda Rutledge.  
Historical Fiction  
(Lake Union Publishing, 2021)



*Based on an incredible true story about the San Diego Zoo's first giraffes*

In 1938 Belle Benchley, the Director of the San Diego Zoo (the first female Zoo Director in the world), paid for two young African giraffes, male and female, to be transported cross-country from New York to San Diego to become the Zoo's first giraffes. The giraffes, having first survived a hurricane at sea, became American celebrities as they were transported in specially made crates on a tricked-out flatbed truck. Thousands of people lined roads and highways to see the giraffes on their journey, and hundreds of newspapers covered their two-week long progress across the country. The story also chronicles life in the Dust Bowl, the Great Depression, and the beginning of World War II.

This is a wonderful novel centered around a true story. As we celebrate our own CMZ giraffes, and the newly created International Center for the Care and Conservation of Giraffe, I am happy to share this wonderful story.

*Janie Levis, Docent & Story Keeper*

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## Articles and Information of Interest

- Colorado State Wildlife Action Plan dashboards with important information about conservation, threats and animal and plant status: <https://bit.ly/COWildlifedashboards>
- How flightless birds beat the Australian Army. <https://www.historydefined.net/great-emu-war/>
- A great article/interview and pictures about our own Ann Marie Jackson in her 9/23/22 company newsletter: <https://rtaarchitects.com/news>



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## CMZA Zooline Information

Please send all submissions – information, articles, pictures, etc. to:

**Zooline** [cmza.zooline@yahoo.com](mailto:cmza.zooline@yahoo.com).

**Saturday, October 22** is the deadline for the November issue. Thank you!

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## Yellowstone Forever Field Trip

Our trip started out with individuals driving out of town on September 16-17 and arriving in Gardiner, Montana, on September 18, 2022. We were greeted with a male elk bugling for his lady friends across the street from where big group of us had dinner.

For the next 2 days we boarded the 2 buses at 7 AM and traveled in a convoy over the Old Gardiner Trail. Each day we didn't return to our Lodge until 5:30 PM. Many thanks to the 26 docents, spouses and friends who made this trip amazing. Our guides were so knowledgeable and kept us safe throughout the trip.

*Joan Adkins, 2021-22 Field Trip Chair*

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## Pictures



*Docents on the Yellowstone Field Trip. L-R Back: Sandy Flynn, Kathy Kidd, Kay Bard Gray, Gina Bryant, Carol Royse, Micha Rhude, Linnea McDonald, Susan Gross, Jim Hunter. Front: Marcia Morris, Pat Coleman, Nona Hentschel, Joan Adkins, Marie Poyzer, Marsha Fogarty (Picture from Linnea McDonald)*



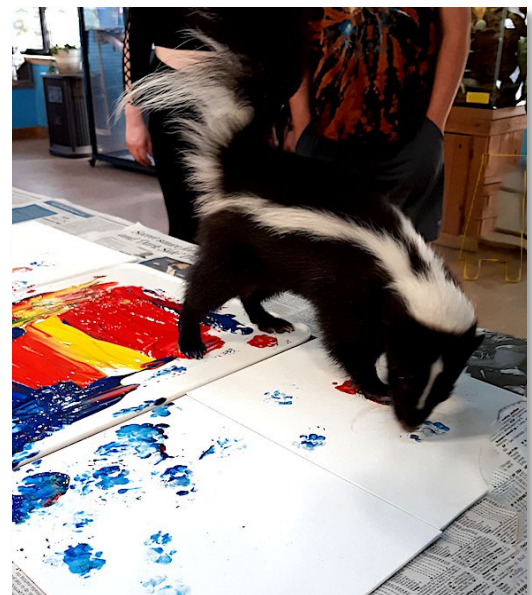
*Docents at YNP with traveling spouses and friends, from Linnea McDonald*



*Timmy the red footed tortoise. He is in his 50s with arthritis. He gets daily laser treatments and now he has wheels – Jeanie Baratono*



*Beezler gets an Amazon delivery – Susan Hoxie*



*Isabel learns to paint – Jeanie Baratono*



*Clockwise from top left: Jif, leopard gecko, goes to Paris (Jeanie Baratono); Lucky has a spa day - mudbath + yoga (Susan Hoxie); Asha sports fall fashion (Deborah Compton); Quilliam shows off healthy teeth (Susan Hoxie); Grand Prismatic Spring at YNP (Linnea McDonald); Jumbo's prehensile lip (Deborah Compton)*

