INTRODUCING
WILD WANDERERS
Dinosaur Ridge’s new off-site adult field trips program
See page 10 for details
Cover photo: Ancient Lake Fossils Inc. owner, Adam Lindgren, takes a break from our first annual fossil fish dig by showing off his air “guitar” skills!
Exhilarating. That’s the best way for me to describe the opportunity to work day-to-day at one of the most important paleontology sites in the world. Serving in leadership at an iconic scientific and cultural treasure is truly an honor that I value more than I can put into writing.

I am well aware that I am standing on the shoulders of so many who have given so much to this organization and this special site. Every day I have the privilege of working with people who helped found this organization with their ideas, commitment, finances, energy, and more. Many of you have invested a significant portion of your lives in helping to protect Dinosaur Ridge, and to making it thrive. I have inherited a great organization and am humbled to be able to contribute to preserving the antiquities here, and educating the public about them. I brought my kids here when they were younger, and I just can’t say enough about how fortunate I am to be here. Board members, staff, volunteers, past staff, and others have all rushed to my aid whenever I have asked for help as I still learn about the organization.

Of course, even great organizations can grow and improve, and I am busy working with our staff and board to make just that happen. We have embarked on a Strategic Planning process that should wrap up by early 2018 and will guide our dreams for the next five years. Without a doubt, that will include the major tracksite cover project, which will help preserve and provide an educational site for our world-famous tracks. I am pleased to say that this August, the Jefferson County Board of Commissioners consented to our moving forward with the permit and planning application process, after a few re-designs in recent years. We are laying the groundwork to finish those permitting and planning steps, with the goal of launching a funding campaign in earnest this next year. We can’t wait to start that and protect the tracks! As for the rest of the Strategic Plan, we are doing our best to think in new ways and to consider fresh ideas to keep our organization strong and innovative. We appreciate your feedback!

Many other things are also happening. We’ve purchased several new tour buses, hosted Eagle Scout projects this year, and are almost ready to begin work on our Crocodile Creek stairs and viewing deck. We’ve celebrated the arrival of new staff and volunteers, as we’ve re-organized to grow our programs and revenue-generating capacity. We are bringing in people who are truly some of the best at what they do. We’ve also said sad goodbyes to several volunteers, most notably John Townrow and Irma Fahlenkamp, as well as Sharron Carosella, who we were so saddened to lose recently. Norb Cygan and Kathleen McCoy also cycled off our Board of Directors this year, but we are grateful that both remain actively involved in our organizational life.

This year, we are on track to host approximately 220,000 visitors, yet another new visitor attendance record. Along with this unprecedented attendance comes many other “records”—a grant of more than $181,000 from SCFD (Science and Cultural Facilities District); many days late this fall saw 400 guests when in years past the same days drew less than 200; and well over $200,000 in revenue from bus tours alone. Our Trek Through Time exhibit hall will easily surpass attendance records as well.

Yet, with all of those stunning metrics, it’s the day-to-day personal stories that stick with me the most. Our tour bus drivers taking extra time to answer kids’ questions. Groups of scouts crowding around our volunteers at a Ridge stop on Dinosaur Discovery Days. Our docents’ friendly smiles even when Trek Through Time is teeming. Seeing our board members and others on the Ridge doing yeoman’s work, spending hours sorting through the details of more preservation projects. The numbers are great to see and know, but it’s these stories that really keep me energized.

Thanks so much for bringing your story to Dino Ridge. I look forward to building more stories here with you as we work to both protect the Ridge and grow our programming. Together we can take a great organization and turn it into something even more profoundly impactful. Our journey together has just begun.
Letter from the Board Chair – Charles Garth Meyers

A World Class Site. The Future of FODR is Bright.

We who work at, volunteer for, and visit The Friends of Dinosaur Ridge have long recognized that the fossils, geology, ecology, and history of the surrounding area are unique. Unique not only locally, but nationally and internationally. Few, if any, similar sites around the world offer visitors as much to see and do, to learn and enjoy, in such a compact and easily accessible area. The status of the Ridge is high.

We, the Friends of Dinosaur Ridge (FODR), are inspired to match and complement the high status of the Ridge with an equally high-status organization. FODR can become that organization, and, in fact, is already well on its way to achieving that high status.

Our new Executive Director, Jeff Lamontagne, has already taken steps in that direction. He has been, among other initiatives, enlivening us with innovative projects, (e.g., the Scientific Spelling Stomp); enhancing our relationships within the local community; strengthening our financial foundation (e.g., by establishing an endowment fund); and increasing the level of expertise among the staff. In short, he is bringing a new level of professionalism to the organization.

And, maybe brightest of all, our visitorship has grown by leaps and bounds and promises to continue at the same remarkably high rate.

Dinosaur Ridge certainly is a world-class site. The thousands—hundreds of thousands—of annual visitors emphatically underscores its regional and global significance. FODR happily recognizes the opportunity and accepts the challenge to complement a world-class Ridge by becoming a world class organization: The Friends of Dinosaur Ridge.

Education Committee Report 2017

By Marsha Barber, Committee Chair, marshabarber1@gmail.com

In the 2017 Annual Ridge Report, the Education Committee shared that it was working on (1) training of staff and volunteers, (2) K-12 school tours, and (3) shuttle bus tours. The Committee has worked this year on a Board Education Policy to be presented to the Board and approved by the end of the year, and the staff has developed a draft Education Plan that will be finalized after the Strategic Planning process is complete.

On Saturday, October 28, 2017, nine volunteers attended an Introduction to Dinosaur Ridge training course. The course gave an overview of the history of the Friends of Dinosaur Ridge, the educational programs that are offered, and an overview of the geology and paleontology of the area. A training timeline is being developed and will be implemented starting January 2018. Check out future training dates on the web page, www.dinoridge.org, and encourage your friends to join the cadre of volunteers.

New staff—Barbara Farley and Fran Taffer—bring expertise in working with non-profit educational programs to FODR and will focus on program evaluation, age-appropriateness, and expansion of educational program offerings. They will work with Erin LaCount, the Education Programs Coordinator.

Find your passion at Friends of Dinosaur Ridge by encouraging neighbors, friends, and family to visit the unique fossils found here and Triceratops Trail. You can discover new things every day!
Recent Rock Fall on Dinosaur Ridge  
By Sam Bartlett, FODR Preservation Chair

During the weekend of October 7-8, 2017 several large sandstone blocks fell out of the exposed portion of a steep cut-slope adjacent and immediately downhill from the Raptor Track enclosure. The Raptor Track enclosure was not involved in the rock fall and was not damaged during the rock fall. The displaced large sandstone blocks were then subjected to a snow storm with several inches of snow fall.

The sandstone blocks moved as a result of undercutting of the lower, soft shales supporting the steep, sandstone cut-slope; probably as a result of original road construction and subsequent maintenance. The undercutting and removal of the shale support destabilized a thick sandstone bed allowing several large sandstone blocks to rotate and fall out of the cut-slope. As a consequence, further undercutting of the steep cut-slope and additional rock falls can be expected over time in this area.

The fallen sandstone rock-blocks contained a thin shale seam with plant/bark fragments. This thin shale seam was moist when first exposed. One of the large sandstone blocks was covered with a tarp following the snow storm and the shale seam on this sandstone block containing the plant/bark fossils remained moist and could possibly be preserved. However, three additional plant/bark containing large sandstone blocks were left exposed following the snow storm and subsequently dried out and began to slake badly due to continued wet and dry cycles. In these three additional large sandstone blocks, the plant/bark fossils are still visible but have been severely damaged. As a result, it is probably not possible to preserve the fossils in these three large sandstone blocks.

In addition to the plant/bark fossils on the various large sandstone blocks, Erin LaCount found better plant fossils on an additional but smaller sandstone block exposed during the rock fall event. She believes that this smaller sandstone block may be worth saving to identify the species of leaves that were exposed. This smaller sandstone block was also covered with the tarp and remained moist. Erin also noted that this smaller sandstone block was too heavy for herself and Dennis to lift and will need heavy machinery to move.

continued on next page
In light of our limited capacities, the limited scientific value of the plant/bark fossils, the poor quality of the fossils, the extremely large size of the sandstone blocks, the very expensive process of preservation, and the fact that we are not a Colorado State qualified curatorial repository, it was recommended that we not proceed with preservation efforts for the large sandstone blocks. If it is determined that the plant fossils on the smaller sandstone block are of significant scientific value, we could possibly contact a qualified repository to see if they would be interested in accepting this responsibility. However, this type of preservation is beyond the capabilities of the Friends of Dinosaur Ridge. We are currently in the process of researching methods of soft shale preservation to determine if it is possible to save the fossils in the smaller sandstone block.

At this point, we are planning on leaving the larger sandstone blocks and other debris from the rock fall event in place unless the Jeffco Transportation Department wants to remove these rocks from the site. Currently the rock fall debris is not an impediment to traffic or to the use of the road shoulder. If left in place, these rocks will cushion and help contain future rock falls at this location. These large sandstone blocks can also be used for limited educational purposes. However, these sandstone blocks and debris result in a curiosity and climbing nuisance with potential safety issues. Thus, we are planning to construct a wood rail fence around the area of the fallen rocks and in the immediate area of potential rock-falls. The area will be posted as “off limits.”
Crocodile Creek
Sara Miller, Development and Marketing Director

We’re so excited that we’ll soon have a place for visitors to view even more crocodile and dinosaur footprints—at Crocodile Creek, just north of the main track site!

At Crocodile Creek, a new viewing deck sitting atop stairs and a ramp rising a total of about 20 feet up the hillside, visitors will be able to view approximately one dozen duckbill tracks running horizontally across the rock directly in front of the deck.

We recently finished a fundraising campaign for the Crocodile Creek stairs, which at over $70,000, will allow us to do the necessary pre-construction rock stabilization work in the area, and then to manufacture and install the ramp, stairs, and viewing deck. Would you like to still contribute to the project so that we can add interpretive signage and donor thank you plaques? If so, please make a check out to Friends of Dinosaur Ridge and put “Crocodile Creek” in the note line. Or, you can visit http://www.dinoridge.org/donate.html and give online. Special thanks to major gifts from the Harvey Family Foundation, Jefferson County Open Space, the American Association of Petroleum Geologists, and the 1772 Foundation, in addition to hundreds of smaller individual gifts, to make this happen!

One main purpose of the Crocodile Creek stairs and viewing deck is to provide an alternative track-viewing site for visitors during construction at the main Tracksite when we launch our capital campaign for that work. While the main tracksite cover is under construction, that area will be closed to viewing for a time during which visitors can see the tracks at Crocodile Creek. Even though they are fewer in number, they are very clear, well-formed, and gorgeous tracks that will thrill our visitors. Even after the main Tracksite reopens, we will be proud to have the Crocodile Creek viewing deck as another attraction in its own right.

Thanks to all who have or will support this project. We will be keeping you up to date as this work progresses, and will let you know when we do a formal groundbreaking!

Education in 2017
Erin LaCount, Education Programs Coordinator

School & Scheduled Tours
Dinosaur Ridge’s focus on education this year has been widespread, and a host of new partners and people worked with us for programming, interpretation, and outreaches. Over 160 schools from across Colorado have brought, or are set to bring, over 10,000 students to the Ridge this year. In total, all of our educational tour programs and outreaches will reach over 200 schools and organizations, with just over 18,100 participants.

While we’re a little under last year’s numbers, our plan to grow our programs next year should see both the number of programs and participants climb even higher.

Dinos! Live at Denver Zoo
This year afforded us a unique opportunity to partner with the Denver Zoo and the travelling exhibit Dinos! by the Dinosaur Company. Meeting with us early in January 2017, we helped their education staff with ideas for hands-on exhibits, dig areas, and provided interpretive text and graphics for their placards and signs for each of the 21 life-size animatronic dinosaur models throughout the zoo.

We also joined them for their education family nights during July, the first month of the new exhibit, with a booth and volunteers talking about our site and local fossils. During these family-oriented Saturday evenings we interacted with nearly 3,500 people!

A fun opportunity grew from this partnership, one that Dinosaur Ridge hadn’t previously entertained. Adult-only events became a big hit at the Zoo this year, partnering with local food trucks and alcohol vendors for their evening programs, and the Zoo knew they wanted something a bit more educational for adults while also being themed appropriately to their new Dinos! exhibit. From this collaboration, Salacious in the Cretaceous: the Where, What, and How of Dinosaur Sex lecture was born! From the debut in July for their Food Truck Safari through their once a week Dinos! After Dark Thursdays in October, the lecture educated nearly 1,400 people.

The lecture was created by Education Programs Coordinator, Erin LaCount, and she will be joined by Mary Ann Bonnell, Visitor Services Manager from Jeffco Open Space for an adults-only (21+) Valentine’s lecture titled “Sex, Science and Saurians” on Saturday, February 10 at 7 p.m. at the American Mountaineering Center. Visit www.dinoridge.org, our January E-Tracks, or Facebook for more information.

Summer Camps 2017
We had another fabulous summer, tons of great kids, and dozens of awesome memories from this year’s Camp season. Hitting a new record of 129 campers, we remain a national and international camp! Kiddos came from across the U.S. from Georgia, California, North Carolina, Arizona, and some journeying even farther from the Dominican Republic and Morocco for our one-of-a-kind camp experiences!

Field trips to the Denver Museum of Nature and Science, Morrison Natural History Museum, Colorado School of Mines Geology Museum, American Mountaineering Museum, Red Rocks Park, Bear Creek Lake Park, and a host of hands-on activities, crafts, and experiences delighted our visiting kiddos and hopefully left them craving more of the outdoors, paleontology, geology, and continued on next page
environmental science! Registration will start January 8th for Summer Camps 2018.

Tentative Session Dates 2018 (subject to change)
June 4-8: Fossils and Fun — (age 6-10)
June 11-15: Rock Stars — (age 11-13)
June 18-22: Junior Scientists — (age 8-11)
June 25-29: Nature Trekkers — (age 6-10)
July 9-13: Fossils and Fun — (age 6-10)
July 16-20: Rock Stars — (age 11-13)
July 23-27: Junior Scientists — (age 8-11)
July 30-Aug 3: Nature Trekkers — (age 6-10)

Dinosaur Discovery Days 2017
All five of our Discovery Days this year were well-attended by both visitors and partners. Boy Scout Day in May was attended by over 600 scouts and their families as well as a few hundred from the public to top out the day around 850 visitors! For the June event, we made some new partners for World Oceans Day. Around 400 people came to learn about our oceans, past and present. August’s Reptile and Bird Day is always a big hit, and this day actually beat out our Boy Scout Day by around thirty people for biggest DDD of the year – 880 attendees! Geocaching Day in September was smaller but still saw around 350 visitors. Girl Scout Day in October surpassed 2016 numbers with 230 scouts and their families attending. Lucking out with the weather for a gorgeous seventy degree day in October, this event saw around 850 people participate.

A huge thanks to our awesome partners for our 2017 Discovery Day season!
Scientific & Cultural Facilities District (SCFD)
Morrison Natural History Museum
Wild Wings Environmental Education
Denver Zoo
Greater Denver Area Gem and Mineral Council
American Institute of Professional Geologists
Lookout Mountain Nature Center
United States Geological Survey
National Park Service
Molly Brown House
Leave No Trace
SME Minerals Education Coalition
Groundwater Association
National Renewable Energy Laboratory
Geocaching Colorado
Western Interior Paleontological Society
Colorado School of Mines
Women in Mining
Bear Creek Lake Park
Libby Talks
L. L. Bean
Denver Astronomical Society
Moments in Stone

Outreach to Local Communities
We had a booth and/or were present with a display at 32 outreach events in and around Denver. Seven of these were done at schools, but the rest were fairs, festivals, library events, zoos, gem and mineral shows, and conventions. We reached out to just over 10,000 people through these outreach activities.

TriceraTOTs
This was another great year for our preschool story and craft program. This class takes place the first Wednesday of the month year-round at the Discovery Center (17681 W Alameda Parkway at Red Rocks Entrance #1), and we had around 140 toddlers and their families attend!

Everything Dinosaur Talk Series
As part of our volunteer program, Erin LaCount (Education Programs Coordinator) created a 12-part lecture series in an effort to teach more about dinosaurs and what they are, and what we have in our backyard for those that want to help but aren’t as confident in the material as they wish. These talks are given weekly starting in January and ending late March or April, and are also offered once a month on the last Wednesday in the evening. In 2017 we had just over 160 attend these lectures.

These lecture dates are in the calendar of events of this Ridge Report, so put them in your books for 2018!
**Triceratops Fun Fact**

With the new discovery this year in Thornton, we decided to feature *Triceratops* in this Fun Fact (try-sair-uh-tops). This three-horned beast is a fan-favorite; easily one of the most recognizable dinosaurs out there aside from *T. rex*. Reigning as the Wyoming State Dinosaur, this native was actually first found in Colorado.

Famous 19th century paleontologist Othniel Charles (O.C.) Marsh claimed the first specimen in 1887, a set of brow horns from what would become downtown Denver. The horns on the brow of a *Triceratops* are the longest, the nose horn being fairly short and conical. He incorrectly thought the rock layers the specimen hailed from were Pliocene, an epoch that took place in the Cenozoic (the Age of Mammals), after the dinosaurs had gone extinct. He named the horns *Bison alticornis*, assuming they came from a massive and ancient species of buffalo (bi-son al-tee-corn-iss).

In 1889, John Bell Hatcher uncovered a better specimen in Wyoming, Marsh getting a chance to describe it accurately, this time as a species of dinosaur. As more and more specimens were unearthed, partial skulls and skeletons, a picture began to emerge of this big-bodied, Cretaceous herbivore. Reaching lengths of 28 to 30 feet and weighing around seven tons, *Triceratops* has one of the largest, and longest, skulls in the fossil record, the longest just over 10 feet in length from the back of the frill to the tip of the parrot-like beak.

The most notable features on this critter are how it was named: the three horns on the skull (Tri – three, cera – horned, tops – face). The two brow horns jutted out over the eyes pointing forward and, depending on the species, curving up or downward. The horns were solid bone, and paleontologists think a sheath of fingernail-like keratin grew atop the bone making the horns thicker, longer, and pointier than what the bone core indicates. The other striking feature is the saddle-shaped frill extending out from the back of the skull. These horned dinosaurs, much like their cousins and ancestors, evolved so that the bones at the back and top of the skull angled outward into something like a bony shield. Unfortunately, this “shield” was thin enough for even a small *T. rex* tooth to pierce, though it may have dissuaded predators from trying to get at the back of the herbivore’s neck.

The skulls of ceratopsians can be very ornate, though *Triceratops* has a very simple structure of two brow horns, a shorter nose horn, and a solid frill edged with triangles of bone. These are called epioissifications (ep-ee-oss-i-fih-shuns), and in infant specimens they are missing as they aren’t yet fused to the edge of the frill, embedded only in the skin. As the “Trike” ages, those ossifications absorb into the frill, going from a sharp triangular shape to a rounded rose-petal shape before completely absorbing in full-grown adult specimens (rarer than the sub-adult/juvenile specimens). A great amount of material has helped scientists piece together a growth series for this animal.

As you walk about Denver, never forget that a whole prehistoric world lies under our feet just waiting to be discovered!

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**Major Donors, Thank You**

Donations from foundations, corporations, members, and individuals play a large part in supporting the mission of Friends of Dinosaur Ridge, to educate the public about, and ensure the preservation of, the natural and historic resources of Dinosaur Ridge, Triceratops Trail, and the surrounding areas. We are grateful for all of our donors in 2017, and especially want to recognize our major donors for the year. This list does not include staff, board, or those who wish to remain anonymous.

Please consider joining these Friends of Dinosaur Ridge supporters who share your vision and commitment. Make a gift to the Annual Fund and provide unrestricted support to Friends of Dinosaur Ridge. Your support allows us to advance our mission and broaden our reach worldwide. Contact Sara Miller, FODR’s Director of Development and Marketing at 303-810-3872 or development@dinoridge.org to discuss your gift.

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**FoDR Major Donors:**

- Scientific and Cultural Facilities District
- Harvey Family Foundation
- Jeffco Conservation Trust Fund
- American Association of Petroleum Geologists
- 1772 Foundation
- Shields Family Fund
- Greater Denver Area Gem & Mineral Council
- Clifford Shields
- Betty Rall
- Kneller Family Foundation
- Bruce Wyre
- Colorado State Bank and Trust
- Kinder Morgan
- Colorado Chemistry Teachers Association
- Joe Tempel
- Michael and Susan Harkness
- Denver Zoo
- Colorado Association of Science Teachers
- Association of Applied Paleontological Sciences
- Susanne Leininger
- Jon Charles Graff
- Chevron
- Exxon Mobil
HONORS

In Memory of Sharron Carosella

Anticipating retirement from a long career as the Education Director at Emily Griffith Technical College in Denver, Dr. Sharron Carosella knew she wanted to participate in volunteer work. She never thought that her experience in and love of education would translate to dinosaurs. Eight years later, Sharron was one of Dinosaur Ridge’s dedicated volunteers, working every Sunday as a docent in Trek Through Time, working the East Gate with Sue Jenne at almost every Dinosaur Discovery Day, and participating each year on the Rock Out for the Ridge planning committee. Sharron held Colorado licensure as a principal, counselor, and teacher, and had Colorado vocational credentials in 13 career and technical areas.

In Sharron’s own words:
“Our young visitors—the ones who are in the formative stages of learning—are the most fun to teach. They don’t know that they are learning while they are having fun in Trek Through Time. We are helping them develop a good evolutionary model and baseline for scientific exploration.”

UPCOMING EVENTS 2018

Wild Wanderers

This year we are offering two off-site field trips: the Fossil Fish Dig Trip (May 25-27, 2018) to Kemmerer, WY, and a new trip we are calling Archaeological Adventure (October 6-10, 2018). See below for more details.

Green River Fossil Fish Dig: May 25-27, 2018

Join the Friends of Dinosaur Ridge May 25 through 27, 2018 for an amazing weekend excursion! This trip will visit the Ancient Lake Fossils private, commercial quarry in the Green River Formation near Fossil Butte National Monument in Kemmerer, Wyoming.

During this trip we will dig in their active split fish quarry and keep the fish we uncover! Friday evening will feature guest speaker, Arvid Aase (Fossil Butte National Monument, National Park Service). Saturday evening will feature guest speakers: Ancient Lake Fossils Inc. quarry owner Adam Lindgren, quarry staff Dain Hanson, and Dinosaur Ridge staff Blake Sullivan.

Dates: May 25 through May 27, 2017

Cost includes:
- Transportation via bus or van from Dinosaur Ridge
- 2 nights hotel at the Best Western (Double occupancy; add $125 for each single room)
- 2 days of digging (4 hours each)
- 2 breakfasts at the hotel, 2 lunches at the quarry, water and sport drinks
- 2 guest speakers with an added tour of the Fossil Butte Monument
- Use of tools, YOU KEEP EVERYTHING BUT RARE SPECIES!

Cost: $700/person; $675 for Dinosaur Ridge Members & Volunteers

Restrictions: Anyone under 18 years of age must attend with an adult (valid ID required). All ages welcome. Limited walking field trip, not wheelchair accessible. Hammers and chisels provided, but if you have your own, please feel free to bring them. $125 non-refundable deposit due with RSVP.

For detailed information and to register, please contact Blake Sullivan at Dinosaur Ridge at Events@dinoridge.org or 720-930-1511.

NEW!! Archaeological Adventure

Saturday, October 6 - Wednesday, October 10, 2018

Join Friends of Dinosaur Ridge for an Archaeological Adventure October 6 through October 10, 2018. We will venture across 3 states in 5 days to learn more about past cultures of the American Southwest! Climb through ancient pueblos at Mesa Verde. Collect petrified wood and Native American artifacts in Holbrook, Arizona. Explore the New Mexico Museum of Natural History and Science collections room. Don’t miss this rare opportunity to join Dinosaur Ridge staff as we take you behind the scenes on a brand new excursion with our new WILD WANDERERS program!

$925 for non-members $900 for members.

- Transportation to and from trip sites
- 3 nights camping, 1 night hotel
- Opportunity to collect petrified wood and Native American artifacts
- 4 breakfasts, 4 lunches, 4 dinners, water, Interpretive guide
- Tour ends in Albuquerque during BALLOON FIESTA WEEK!!

Reservations are limited! To book your trip or for more information, visit www.dinoridge.org or contact Blake Sullivan at 720-930-1511 or at events@dinoridge.org.
TriceraTOTS (First Wednesday of the month at 10 a.m.)
A story-time and craft program geared toward 2-5 year old kids. Siblings welcome! Non-members: $5/child. Members $3/child. Adults and 1 and under free. RSVP with Erin LaCount at tours@dinoridge.org (or send us a message on our Facebook Page). NOTE: This event will take place at the Discovery Center: 17681 W Alameda Parkway - Red Rocks Entrance #1. Education@dinoridge.org to RSVP.

TriceraTOTS will happen at 10 a.m. on these days:
January 3
February 7
March 7
April 4
May 2
June 6

Everything Dinosaur Talks (Tuesdays from 10 a.m. – 11:30 a.m. and some Wednesdays from 6-7 p.m.)
Join the Friends of Dinosaur Ridge for a talk series meant to orient new volunteers (or anyone interested) in dinosaurs! Wish you knew more about these fantastic beasts that roamed our backyard? This is the series for you. Meet at the Discovery Center: 17681 W. Alameda Parkway, Red Rocks Entrance #1. FREE TALK. Education@dinoridge.org to RSVP.

Everything Dinosaur Talks will happen on these days:
January 9 (Tuesday at 10-11:30 a.m.)—Talk 1: Paleontology 101
January 16 (Tuesday at 10-11:30 a.m.)—Talk 2: What IS a Dinosaur?
January 23 (Tuesday at 10-11:30 a.m.)—Talk 3: Sauropods
January 30 (Tuesday at 10-11:30 a.m.)—Talk 4: Theropods
January 31 (Wednesday at 6-7 p.m.)—Talk 1: Paleontology 101
February 6 (Tuesday at 10-11:30 a.m.)—Talk 5: Thyreophora Part 1 (Stegosaurs)
February 13 (Tuesday at 10-11:30 a.m.)—Talk 6: Thyreophora Part 2 (Ankylosaurs)
February 20 (Tuesday at 10-11:30 a.m.)—Talk 7: Iguanodonts
February 27 (Tuesday at 10-11:30 a.m.)—Talk 8: Hadrosaurs
February 28 (Wednesday at 6-7 p.m.)—Talk 2: What IS a Dinosaur?
March 6 (Tuesday at 10-11:30 a.m.)—Talk 9: Ceratopsians
March 13 (Tuesday at 10-11:30 a.m.)—Talk 10: Pachycephalosaurs
March 20 (Tuesday at 10-11:30 a.m.)—Talk 11: Archosaurs
March 27 (Tuesday at 10-11:30 a.m.)—Talk 12: Mammals
March 28 (Wednesday at 6-7 p.m.)—Talk 3: Sauropods
April 3 (Tuesday at 10 a.m.-12 p.m.)—Everything Dinosaur: Dinosaur Ridge Field Trip
April 25 (Wednesday at 6-7 p.m.)—Talk 4: Theropods
May 30 (Wednesday at 6-7 p.m.)—Talk 5: Thyreophora Part 1 (Stegosaurs)

Volunteer Trainings:
Join Friends of Dinosaur Ridge for a series of volunteer training classes. These FREE classes will cover Volunteering 101, Tour Guide Training, and Exhibits Docent. Meet at the Discovery Center: 17681 W. Alameda Parkway, Red Rocks Entrance #1 or Main Visitor Center: 16831 W. Alameda Parkway, Morrison (Location for each training is specified in the list.) FREE TALK. Volunteer@dinoridge.org to RSVP at least 7 days in advance.

Volunteer Trainings will happen on these days:
January 13 (Saturday from 10 a.m.-12 p.m. at the Discovery Center)—Volunteering 101
January 17 (Wednesday from 10 a.m.-12 p.m. at the Discovery Center)—Tour Guide 101
January 22 (Monday from 10 a.m.-12 p.m. at the Main Visitor Center)—Exhibits Docent 101
February 8 (Thursday from 10 a.m.-12 p.m. at the Discovery Center)—Volunteering 101
February 17 (Saturday from 10 a.m.-12 p.m. at the Main Visitor Center)—Exhibits Docent 101
February 21 (Wednesday from 10 a.m.-12 p.m. at the Discovery Center)—Tour Guide 101
March 12 (Monday from 10 a.m.-12 p.m. at the Main Visitor Center)—Exhibits Docent 101
March 14 (Wednesday from 10 a.m.-12 p.m. at the Discovery Center)—Tour Guide 101
March 17 (Saturday from 10 a.m.-12 p.m. at the Discovery Center)—Volunteering 101

Dinosaur Ridge Events
February 10—Sex, Science and Saurians: A Valentine's Event: (Saturday) – 7-10 p.m. at the American Mountaineering Center: One part stand-up comedy, one part scientific inquiry, this one-night Valentine’s event will feature two hilarious and informative talks from the Saurian Sex Therapists. Ticketed attendees will receive one drink, tasty treats from the chocolate fountain, and a new-found knowledge of Saurian sex. Our guest speakers are Erin LaCount (FODR’s Education Program Coordinator and the Dr. Ruth of Dinosaurs—Erin became famous with her “Salacious in the Cretaceous” Dino Sex Talks at the Denver Zoo’s 21+ series this summer) and Mary Ann Bonnell (Visitor Services Manager at Jefferson County Open Space—Mary Ann became famous with her “Sex, Lies and Rattlesnakes” talks at Denver-area REI stores, Aurora Open Space presentations, and throughout metro Denver.)

March 21—Annual Meeting of FODR Members (Wednesday) 6 p.m. Discovery Center: 17681 W. Alameda Parkway.

May 12—Discovery Day: Boy Scout Day (Saturday) 9 a.m. – 3 p.m. (for Cubs and Webelos also). Scouts of all levels can complete requirements for many badges in geology, fossils, hiking, and more! Public welcome to attend. Register online at www.dinoridge.org.

Education@dinoridge.org for questions/comments.

May 25-27—Green River Fossil Fish Dig (Friday-Sunday) Join us on a weekend adventure digging fossil fish in Kemmerer, Wyoming! Details are being finalized. Field Trips Page for more detailed information. Register online.

Events@dinoridge.org for queries.
## Friends of Dinosaur Ridge Membership Levels and Sponsorship Opportunities

<table>
<thead>
<tr>
<th>Membership Level</th>
<th>Annual Contribution</th>
<th>Benefits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Junior Member</strong> (12 &amp; under)</td>
<td>$15</td>
<td>• Junior Paleontologist Activity Book</td>
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<tr>
<td></td>
<td></td>
<td>• 10% Gift Shop discount (excludes consignment)</td>
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<td></td>
<td></td>
<td>• Discounts on programs</td>
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<tr>
<td></td>
<td></td>
<td>• Exhibit hall admission for you and an adult</td>
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<tr>
<td><strong>Individual Member</strong></td>
<td>$40</td>
<td>• E-tracks electronic communication</td>
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<tr>
<td></td>
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<td>• 10% Gift Shop discount</td>
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<td>• Discounts of programs</td>
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<td></td>
<td></td>
<td>• Guided shuttle tour 2 people</td>
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<tr>
<td></td>
<td></td>
<td>• Exhibit hall admission for 2 people</td>
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<tr>
<td><strong>Family/Group Member</strong></td>
<td>$60</td>
<td>• Individual Member benefits for 4 people</td>
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<tr>
<td><strong>Apatosaurus Sponsor</strong></td>
<td>$250</td>
<td>• Individual Member benefits for 6 people</td>
</tr>
<tr>
<td><strong>Stegosaurus Sponsor</strong></td>
<td>$500</td>
<td>• Individual Member benefits for 6 people</td>
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<td></td>
<td></td>
<td>• Recognition in annual report</td>
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<td></td>
<td></td>
<td>• Recognition on FODR’s social media</td>
</tr>
<tr>
<td><strong>Tyrannosaurus Sponsor</strong></td>
<td>$1,000</td>
<td>• Individual Member benefits for 6 people</td>
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<td>• Recognition in annual report</td>
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<td>• Recognition on FODR’s social media</td>
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<td></td>
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<td>• Recognition on FODR’s website</td>
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