FREE

Life and land from the heart of the Yellowstone Region



May 27 - June 9, 2016 Volume 7 // Issue #11

Nepal Earthquake one year out

LPHS golf, tennis programs win State titles

New West: Jackson Hole's Chinese alter ego

Disc golf under the Big Sky

Inside Yellowstone: 'A Bear Don't Care'



O UTLAW

explorebigsky.com





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ON THE COVER

A signature Greater Yellowstone Ecosystem species, this yellow-bellied marmot enjoys the sun near the Specimen Ridge Trail above Lamar Valley. PHOTO BY WES OVERVOLD

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Big Sky

WHAT IS THIS PUBLICATION?

WHAT:

Explore Big Sky is the local newspaper for Big Sky, Montana, and a news and lifestyle journal for the Greater Yellowstone Region.

WHY:

Explore Big Sky is a voice for Big Sky, keeping relevant topics at the forefront; while educating, engaging, and exploring Southwest Montana.





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Martha has been in real estate in Big Sky, Montana for approximately 20 years and she's been a full time resident since 1988! She's an entrepreneurial spirit and is Founder, Broker and Owner of Montana Living ~ Big Sky Real Estate – the top luxury boutique real estate firm in Big Sky, Montana. Her experience includes brokering the sales, marketing and launch of resort, residential, commercial and ranch sporting properties. Call Martha now and utilize her grass roots knowledge of Big Sky for purchasing or selling your real estate.



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307 Wildridge Fork *Offered for \$3,950,000*

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Yellowstone Preserve Offered for \$39,900,000

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ANCENEY RANCH

Offered for \$6,900,000

An original homestead in Big Sky and one of the finest sporting properties available in Montana, Anceney Ranch sits on 83 prime acres of forest, springs and meadows. With almost a mile of the legendary Gallatin River frontage and multiple spring-fed trout ponds, this is the ideal place for the fishing enthusiast. The land is surrounded on three sides by the Gallatin National Forest. Anceney Ranch has 7 total bedrooms and 6 total baths with a main house, guest cabin and a caretakers' home along with a horse barn. There aren't enough adjectives to describe how incredible this property is!

Martha Johnson Owner | Broker Martha@BigSkyRealEstate.com | 406.580.5891

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NEWS IN BRIEF



Craighead to give wilderness presentation in Big Sky

EBS STAFF

One of the foremost ecologists in the region is coming to Big Sky in June.

Dr. Lance Craighead, executive director for the conservation organization the Craighead Institute, will give a presentation at the Big Sky Water and Sewer District on June 8, with a focus on the Hyalite-Porcupine-Buffalo Horn Wilderness Study Area located in the Gallatin Range.

Craighead will discuss the current ecological value of this WSA within the Greater Yellowstone Ecosystem, and focus on a recently completed analysis pinpointing seven key at-risk species: grizzly, wolverine, elk, bighorn sheep, mountain goat, cutthroat trout, and pika.

Craighead plans to present the information Craighead Institute scientists found in the 2015 assessment and will use it to inform the upcoming Custer Gallatin National Forest Plan Revision.

"Using this report as a foundation, we hope to encourage local citizens to work within the Forest Planning Process and contact political leaders to protect this area in order to mitigate climate change impacts and protect wildlife for its economic importance in the region: protecting wilderness protects jobs and tourist income," Craighead wrote in a May 24 email.

Craighead is a field ecologist, population geneticist, and GIS technician with more than 20 years of experience in conservation planning.

The presentation will be held at the Big Sky Water and Sewer District building on June 8 at 6:30 p.m.

Pedestrian dies after being struck by vehicle

NATIONAL PARK SERVICE

Just before 9 a.m. on May 18, Wendy Larrabee, a 47-year-old Texas woman, was struck by traffic as

The intersection of Town Center Avenue and Ousel Falls Road in Big Sky Town Center will be rebuilt and widened to make it easier and safer for vehicles to navigate.

The project will be done in two phases, with the north side of Town Center Avenue beginning soon; the south side will be done this fall. Whether you're a pedestrian or a driver, Town Center asks that you use caution in this area during construction.

Lone Mountain Ranch named in Nat Geo collection of 'lodges that inspire'

MAKAR PROPERTIES

BIG SKY – In mid-May, National Geographic elevated Big Sky's oldest resort. Lone Mountain Ranch, which in 2016 celebrates its 101-year anniversary, was named to the elite list of National Geographic's Unique Lodges of the World.

The Unique Lodges portfolio includes a total of 45 members on six continents. Launched in January 2015, the properties in the Unique Lodges collection offer a host of authentic and responsible travel experiences.

First homesteaded in 1915, LMR is among an exclusive group of distinguished properties whom have each demonstrated a commitment to authenticity, excellence and sustainability, while offering outstanding guest experiences that support the protection of cultural and natural heritage.

The ranch delivers authentic experiences that are life-inspiring, according to Paul Makarechian, CEO of California-based Makar Properties, the real estate company that owns and manages LMR.

"Lone Mountain Ranch's history, heritage and connection to the community, plus its unique position as a gateway to Yellowstone National Park, creates a natural synergy with National Geographic's mission and purpose," Makarechian said. "We are honored to be a part of the National Geographic family."

Celebrate Trails Day June 4 with **BSCO**

BIG SKY COMMUNITY ORGANIZATION

BIG SKY – Join the Big Sky Community Organization on Saturday, June 4, for a fun day of trail building and maintenance projects to improve the community trail system.

On the first Saturday in June, communities across the country participate in the American Hiking Society's National Trails Day by supporting the volunteer efforts of local trail organizations. The nonprofit BSCO has built, and manages, more than 16 miles of public trails in Big Sky and Trails Day is a great way for the community to join in an effort to enhance and preserve the local trail system.

Volunteers will meet at 9 a.m. at the Big Sky Community Park, located at 373 Little Coyote Road, to join a variety of projects that suit all ages and abilities. After a day on the trails, volunteers will meet back at the pavilion by noon for a barbecue lunch.

The event is free and open to the public, and volunteers should bring gloves, sunscreen, water bottles, and trail-friendly footwear and clothing. Some tools are provided but additional shovels, rakes and wheelbarrows are welcome.

"Our community trail system is an integral part of life in Big Sky," said BSCO Executive Director Ciara Wolfe. "Without the help of volunteers and philanthropy these trails would not be possible. This is one of the ways you can support our current trails and ensure future trails to come."

For more information, call (406) 993-2112 or visit bscomt.org.

BSWSD board helps fund conservation program, talks wastewater disposal

she walked across the West Entrance Road in Yellowstone National Park. Bystanders started CPR immediately and rangers arrived within minutes, but she was pronounced dead at the scene.

Larrabee was traveling with friends and was reportedly crossing the road to take a picture of an eagle when the accident occurred.

The park advises visitors to use pullouts to stop and view wildlife. It is unsafe to park on the road shoulders and walk in or along the roadway, and drivers should slow down when moving through congested areas.

Assistance was provided by West Yellowstone Police Department, Montana Highway Patrol, Hebgen Lake EMS and Fire, and the Gallatin Valley Sheriff's Office.

Anyone who witnessed the accident is asked to call Yellowstone National Park at (307) 344-2132.

EBS STAFF

At its May 24 meeting, the Big Sky Water and Sewer District board passed a motion to contribute \$10,000 to a water conservation program, provided the Big Sky Resort Area District tax board also approves a \$40,000 ask.

The project, headed up by the Gallatin River Task Force, is modeled after a similar program in Bozeman that provides rebates for users who cut their water consumption.

Most of the program's funding is set aside for water audits, and all BSRAD residents who participate would be eligible for a rebate.

In other news, BSWSD has not been able to meet wastewater disposal targets this month since cool, wet weather has prevented its plant from disposing of as much water on golf course irrigation as is typical in May. BSWSD General Manager Ron Edwards said the system was designed to accommodate the wettest year in 10 years, not the wettest in 30 years.

"That's the fragile part of this irrigation system. In some years it's great, in some years it's not so great." He added that pumping wastewater up to the Yellowstone Club pond would resume within the next week.

BSWSD is also hammering out details of an agreement with Scott Altman, developer of a 46-unit affordable housing project near Ace Hardware. Altman is exchanging 1.4 acres of that property which borders existing BSWSD land—for sewer capacity to service the development.

The board additionally discussed rate increases in their draft budget. A public hearing on the increases—4 percent for water and 7 percent for sewer over the next year—will be held at the board's next meeting on June 28.



News from our publisher, Outlaw Partners

New Outlaw pubs hit newsstands

BY JOSEPH T. O'CONNOR EBS EDITOR

As shoulder season winds down in southwest Montana, Outlaw Partners' media is ramping up. In addition to EBS, two new editions of the publishing company's periodicals have taken to newsstands.

The summer 2016 issue of Mountain Outlaw magazine, Outlaw Partners' flagship biannual publication, arrives in Big Sky on June 3 and will be available around the region during the coming weeks.

The second volume of Explore Yellowstone is also en route to magazine racks and businesses in the area. The annual guide to the nation's first national park, Explore Yellowstone is currently being distributed throughout Big Sky, Bozeman and the four corners of the park.

Both full-glossy pubs are packed with insider information from around the region and beyond.

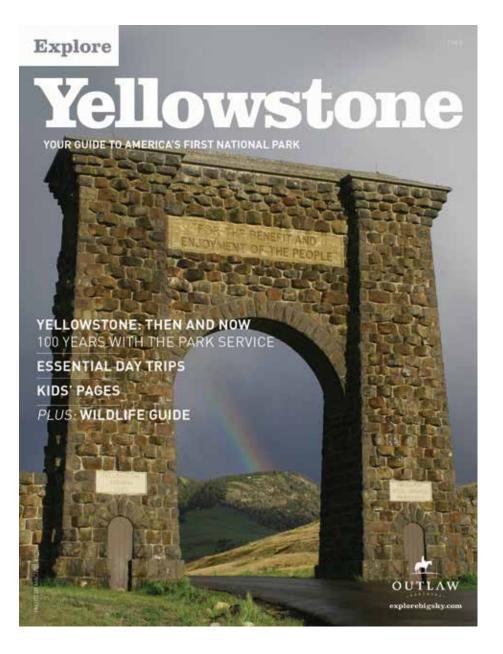
Billed as "Exploring life, land and culture from the heart of the Yellowstone region," Mountain Outlaw magazine features content ranging from in-depth journalism to shorter "reports" and "tales," as well as recipes and stunning photography.

In the summer edition, you'll read about the future of fossil fuels in Montana and around the nation, Yellowstone National Park's No. 1 guardian, world travel, and the fate of one man who auditioned to be a mythical ocean creature.

"It's Powder magazine meets Rolling Stone," said one reader describing Mountain Outlaw.

Distributed in Montana, throughout the Greater Yellowstone region and the Rocky Mountain West, and mailed to subscribers in all 50 states, Mountain Outlaw will give you a fresh perspective on the part of the world we call home.

For a comprehensive guide to Yellowstone, look no further than Explore Yellowstone.



EXPLORING LIFE, LAND AND CULTURE FROM THE H

The full-color glossy thrusts readers into America's first national park, and this year, the 100th anniversary of the National Park Service, Explore Yellowstone will introduce you to the people, wildlife and landscapes that make this place one of the most-visited parks in the national system.

With a distribution emphasis on southwest Montana and the communities in Yellowstone's four gateway towns— Gardiner and West Yellowstone, Mont.; as well as Jackson and Cody, Wyo.—track down your copy today.

As summer breaks the horizon, we hope you'll pick up these new publications and read about the spectacular places we explore. And we look forward to hearing your feedback.

Email media@outlaw.partners to let us know your thoughts.



OPINION



Last year, a record 4.1 million people visited Yellowstone National Park, resulting in two-hour waits at the West Yellowstone entrance during peak season. Even more visitors are expected this year, the centennial of the National Park Service. Already this season, a number of unfortunate humanwildlife interactions and other questionable visitor choices have been reported.

Should visitation in the park be limited or otherwise restricted?



Colette Hatlee Big Sky

"Maybe there should be more tour buses instead of just cars. People are more contained in tour buses."



Dave House Big Sky

"Something has to be done. I don't know what it is. Years ago, there was a study done on a railroad through the park ... Zion National Park has one and it's very effective. I believe Yosemite has instituted one as well. It's too bad we can't handpick our tourists."



Trish Loomis Big Sky

"I say don't limit it, go for it... Maybe you should be able to make a reservation ahead of time. You don't want animals to be injured like with the people who picked up the baby bison."



Linda Meade Big Sky

"I'm torn because I think if you come so far you should be able to go in...Maybe [restrict entry or require reservations] just during the peak season. But it's not the peak season and silly stuff is still happening."



LPHS students to attend weeklong government programs

BY RACHEL ANDERSON EBS CONTRIBUTOR

BIG SKY – Lone Peak High School is sending six students to the annual American Legion Boys State and Auxiliary Girls State for the school's debut at both events.

Boys and Girls State teach high school students how government functions and help develop leadership skills, as well as an appreciation for citizen's rights.

Boys State will be held June 5-10, and Auxiliary Girls State is June 12-18. Both will take place at Carrol College in Helena.

LPHS social studies teacher Tony Coppola, a member of Big Sky's Sons of American Legion, was a driving force encouraging the school's administration and students to become active in the events.

"We have a lot of enrichment and extracurricular things that are going on at the school in different fields, but we don't have a lot in social studies," Coppola said.

All participants will have completed their junior year of high school and students were chosen based on class performance, public speaking ability and interest in government.

Big Sky's American Legion Post 99 will fund the entire cost of the programs for all the local students, and next year plans to reach out to local businesses to help sponsor participants.

"This is huge for the American Legion Post 99," Coppola said. "Being a Sons of American Legion, I thought it was a great idea. It builds a bond between the community and the school."

The American Legion began Boys State in 1935 in Springfield, Ill. Currently held in 49 states, this year's participants for LPHS include Bridger Babcock, Eddie Starz and Devin Quinn.

Students are elected to various offices and function in those roles throughout the week. Activities include legislative sessions, court proceedings, law enforcement presentations, assemblies, bands and chorus, as well as other recreational programs.

"I've always been interested in government at all levels but especially that of local governments," said LPHS junior Devin Quinn. "Because of the smaller area of focus, [local] governments are more often concerned with what is going on directly with their citizens. Problems are solved with more ease, and it just seems to have a greater impact on local areas."

All the participants are Coppola's high school government students, and the class's final project—drafting a legislative bill—is related to the competition.

Montana's American Legion Auxiliary Girls State will include LPHS students Luisa Locker, Dasha Bough and Ellie Quackenbush, who will participate in the weeklong program of nonpartisan curriculum. American Legion Auxiliary is a women's organization that serves the needs of the nation's veterans, military and their families.

Split into governments of six fictional cities named after gemstones in Montana,



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the girls will each come with a drafted bill to present. Other activities will include a talent show, field trips, journalism, debate and public speaking.

"I am very interested in politics on a personal level," said LPHS junior Ellie Quackenbush. "I love learning about how our country functions and gaining perspective on the many controversial topics involving American government."

"I think civic awareness and actually knowing what goes on—especially in a town that has no civic engagement opportunities or city government—is huge for them," said Coppola, referring to Big Sky's unincorporated status.

Each state's program varies in content and method of procedure, focusing on teaching government from the township to the state level based on that specific state's government.

Past alumni include Neil Armstrong, Tom Brokaw, Bill Clinton and Jane Pauley, among many others.

"The American Legion has been trying to get this going with LPHS since it has been a high school," Coppola said. "The excitement and support from [Post 99] is very impressive."

Brett Evertz *Real Estate Loan Officer*

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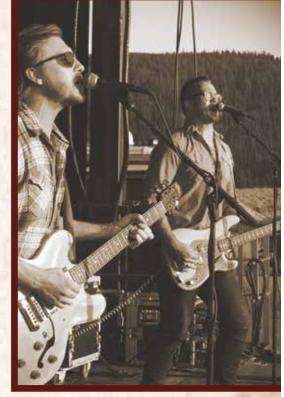




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Nepal tragedy 1 year out Montana nonprofit continues earthquake relief, education efforts

BY TYLER ALLEN EBS SENIOR EDITOR

The tiny, mountainous country of Nepal was shaken by two massive earthquakes last April and May, killing nearly 9,000 people. The death toll is overwhelming in its own right, but the effect on survivors could be an even greater catastrophe.

The World Bank reports that the lives of 8 million Nepalis were upended, and the Red Cross estimates 900,000 homes were damaged or destroyed. With dozens of governments and thousands of NGOs responding with aid after the tremors, many wonder why the country is still in crisis a year later.

One southwest Montana dentist has seen first hand how corruption and bureaucratic lethargy are plaguing Nepal.

Dr. Peter Schmieding, who lives in Bozeman and practices dentistry

in Big Sky, was in the country when the second massive tremor hit May 12, after traveling to assist the humanitarian response to the April 25 quake.

Outlaw Partners' CEO Eric Ladd and Video Director Wes Overvold joined Schmieding later in May to deliver additional supplies and document the relief effort—Outlaw Partners is the publisher of EBS.

Schmieding returned in October with his wife and three adopted Nepali daughters, and then most recently this spring.

"Nepal has had little rebuilding done in the hardest hit areas," Schmieding wrote in a May 16 Facebook message from Katmandu. "The embargo of fuel and building products by India for many months after the earthquakes caused prices to spike and [is] making any rebuilding difficult."

After the quakes, India had a two-month "unofficial blockade," according to Nepal's government, regarding disputed border territory with its largest trading partner.



This tent camp occupies 20 acres in the center of Katmandu. A year after the earthquakes, several of these camps still exist in the city and many of their occupants are from surrounding villages wiped out by the disaster. PHOTOS BY PETER SCHMIEDING

Through his nonprofit Tsering's Fund—established originally to fund education for Nepali children—the Montana dentist has raised nearly \$100,000 for earthquake relief.

Last June, more than 250 people packed Big Sky's Lone Mountain Ranch where \$80,000 was raised for Tsering's Fund efforts. The hallmark auction item was a 16-day trip to Nepal purchased by part time Big Sky resident Tim McKenna and led by Schmieding's friend Pem Dorjee Sherpa.

Accompanying McKenna to Nepal were Big Sky's Mike and Nancy Domailles, who donated \$20,000 at the LMR fundraiser to rebuild a school, and Schmieding's patient Mary Grace Wilkus, among others.



With the assistance of Tsering's Fund, the village of Sindhupalchok is ready to rebuild this school destroyed by the earthquakes. Villagers have demolished and salvaged what was left of the structure and will build six classrooms and library in what remains.

"Mingmar is this beautiful girl that Pem [Dorjee Sherpa] found when she was 5 years old working in a shop where she was caring for a 2-year-old boy, sweeping floors ... Pem took a picture and sent it to Peter seeking a sponsor for little Mingmar. I saw her photo and immediately told Peter she was sponsored for life," Wilkus wrote, adding she traveled to Nepal, in part, to meet Mingmar.

The price of gasoline in Katmandu was up to \$20 per gallon when Schmieding was there in October, he said.

But in addition to the disrupted flow of goods from India, many blame the Nepali government for the glacial pace of recovery. More than 300,000 homeless families were each promised \$2,000 by the Nepali authorities to help rebuild, but few have received the assistance, according to numerous reports.

"The government promises to rebuild schools, but after one year nothing is getting done and aid money sits with the government," Schmieding wrote on May 16.

Schmieding isn't waiting for the government to help the country rebuild.

The group toured Katmandu, visited the Khumbu region near Mount Everest and trekked to nearly 14,000 feet. But stops at stricken villages where Tsering's Fund is helping rebuild had the most impact on the American visitors.

"When people lost their homes in the earthquake they literally lost everything they had worked for all their lives," Wilkus wrote in a recent email. "There is no government help ... Kids are in schools that are condemned. Pillars [are] holding up the roof of [a] school with hundreds of kids in it, and the pillar is breaking away from the building."

Wilkus made a donation that allowed all Tsering's Fund-sponsored children at Katmandu's Shridewa boarding school to see the dentist. But her interest in Schmieding's work began long before she saw the children in person. Wilkus had also wanted to meet a young woman she's sponsored named Nima Kachina Sherpa, who is seeking a college degree in nursing. "[Nima] is beyond thrilled that she is in college," Wilkus wrote.

In a recent interview after his return to Big Sky, Schmieding said that taking Tsering's Fund donors to see the recovery in Nepal, or lack thereof, is unparalleled.

"To send them a photo is one thing," he said, "but for them to see it in person is something else."

Schmieding plans to return to Nepal in October and continue Tsering's Fund's efforts. Whether the government makes notable progress in the meantime remains to be seen.

BSSD Students of the Month: April

As part of its Student of the Month program, the Big Sky School District bonored four students in April for their commitment to being principled.

Teachers choose two "students of the month" from kindergarten through fourth grades and two in middle and high school, recognizing them based on a different theme every month.

The students are bonored during an assembly before teachers and fellow students. In addition, the k-4 bonorees are rewarded with a burger from The Corral, and the chosen middle and high school students get pizza from Blue Moon Bakery.



K-2 Student of the Month – Julian Russell, first grade

Julian Russell is a student who exemplifies the character trait "principled" in every way. He is honest and fair, and he stands up for his peers when he recognizes a need.

Julian consistently operates with integrity and kindness, and we are very fortunate to have him in our learning community!



3-4 Student of the Month – Alex Redmon, third grade

I know that Alex is a student I can count on. He is honest—whether it's about needing clarification, work he hasn't finished, or something outside of the academic realm. Alex takes responsibility for his actions and recognizes the cause and effect relationship between what he does and the resulting consequences. It is clear that he learns from past experiences.

Alex is also fair. He expresses his thoughts and opinions in a thoughtful and welcoming way, listening to others before responding. He's respectful to both students and adults, quick to include others and is a great friend to all of his classmates. It is clear to me that Alex has a strong sense of integrity, justice and honesty, and that the dignity of all people is something he places importance on.



Ophir Middle School Student of the Month – Nick Wade, eighth grade

When I think of the word "principled," I think of someone who is loyal—a person who is willing to do what is right even when it's uncomfortable, inconvenient or difficult. A principled person continuously makes choices based on their moral compass, and this can be difficult.

I have seen adults buckle under the pressure of these types of decisions, and yet Nick operates

daily in this respect. He is kind, thoughtful about the consequences between

Little Litter Busters



Jayden Jacobson and 10 of her friends have started a new club called Little Litter Busters. May 6th they held their first official meeting and litter clean up. Eleven litter busters picked up trash left over from the winter season along Lone Mountain Trail. Jayden has always been civically minded, according to her mother Tracy. This is the 9-year-old girl's second organized litter clean up event and she hopes someday to turn Little Litter Busters into a 501(c)(3) and travel around the country helping other communities stay litter free.

Pictured: (From left) Jack Jennings, Becket and Piper Carrico, Elizabeth Collins, Jayden Jacobson, Ursula Schmidt, Matthew Jennings, Teal Bishop, Esme Schmidt, Brodie Jacobson and Greta McClain PHOTO BY TRACY JACOBSON

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right and wrong, and most importantly, able to help his peers see and do the same. This is why Nick Wade is our choice for student of the month.



Lone Peak High School Student of the Month – Carter Johnsen, 10th grade When I think of integrity, I think of a student that is unfailingly devoted to her friends, family and her moral code. Her strong sense of right and wrong is only strengthened by her kindness and willingness to stand up for what she believes in.

While Carter Johnsen has many admirable traits, it is her unfailing dedication to doing what is right—even when it is hard or unpleasant—that is one of the most incredible things about an already remarkable young woman. hours for an application. Resumes and references are also appreciated.

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BY DUSTIN SHIPMAN BSSD SUPERINTENDENT

"The Ram's Horn" is a regular column by Big Sky School District Superintendent Dustin Shipman, offering news and insight from the district.

As we head into Memorial Day weekend, the

school district is preparing to close down June 10 and getting ready for next year. It's been a very busy year at the district and we've made significant progress on many facets of our strategic plan.

In September, more than 700 survey results provided the foundation for our way forward as a district—and one of the major academic initiatives is the implementation of the International Baccalaureate program. While the IB is a great academic model, it's also a unique program for teaching students to become adults who will impact the world in positive ways.

I'm happy to say that we've made major strides towards implementation of the IB program, which includes three sub programs: the Primary Years program for kindergartners through fifth graders; the Middle Years program for grades six through 10; and the Diploma program for 11th and 12th graders.

The Diploma program will be the first that the school adopts and executes, and by summer's end we'll have all of our teachers trained in their respective content areas. During first week of June, we have our first official visit from representatives of the International Baccalaureate program—the first time we'll have formal feedback on our preparedness for the program.

For the Primary Years program, the entire staff has completed the first level of required training and we're putting that training to use as we design our first two units of curriculum for next year.

We're excited to successfully execute new programming for the Big Sky School District. While change can be difficult at times, we've experienced here in Big Sky that the community is supportive of innovation, change and excellence in education.

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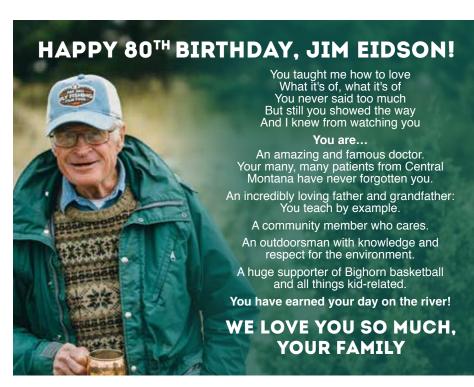
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Infrastructure looms as defining issue in legislative races

BY BOBBY CAINA CALVAN ASSOCIATED PRESS

HELENA (AP) – At the end of the last legislative session, Montana Rep. Scott Staffanson pleaded for the House to reconsider a contentious infrastructure bill that failed by a single vote.

That one vote is weighing heavily on Staffanson as he fends off a challenge in the June 7 primary by fellow Republican Joel Krautter, a Sidney attorney who is hitting Steffanson hard for joining other conservatives in blocking a \$150 million infrastructure package that sought to pay for roads, bridges and antiquated sewer systems.

While Staffanson called the legislation a bad bill, Krautter argues that the bill, while not perfect, was good enough.

"A lot of people in my district and eastern Montana as a whole felt very let down by the failure of the infrastructure bill in the last session," Krautter said.

Infrastructure looms as a defining issue in key legislative contests across Montana, as Republican moderates and conservatives battle over the direction of their party. Moderates are pushing compromise to get things done, while ideological purists say they are keeping an eye on government debt and pork-barrel projects.

Don "K" Kaltschmidt, a Whitefish car dealer who is seeking to represent Senate District 3, is pushing a bipartisan approach to deal with his district's urgent needs.

He pointed to an overburdened sewer system in Whitefish that he said is starting to give off a stench. "We're getting a lot of odors coming out of the treatment plant. And as I knock on doors, residents in the area say there is a real issue with that sewer plant," Kaltschmidt said.

No one disagrees that the state has a long list of pressing infrastructure needs, but philosophical differences have been difficult to bridge.

"It's not that the legislature didn't do anything with infrastructure," said Rep. Keith Regier, who as House majority leader voted against a compromise bill known as SB 416 that Democrats and moderate Republicans supported but was spurned by 33 GOP conservatives.

There were clear differences about how to deal with the matter, he said.

Conservatives balked at using bonds to finance the deal. They also objected to a list of projects that included a student center at Montana State University in Bozeman and a heritage center in Helena.

"To me, a museum is not infrastructure," said Regier, who is now vying for the same Senate seat sought by Kaltschmidt.

As he campaigns for a second term, Gov. Steve Bullock has also made infrastructure an issue. Bullock, a Democrat, recently proposed a \$200 million infrastructure package but did not lay out specifics. His Republican opponent, Greg Gianforte, said infrastructure would also be a priority. But he, too, has yet to present a detailed proposal.

"Last session a few legislators put politics ahead of Montana jobs and it backfired," Bullock said in an email sent by his office.

Whether it will backfire politically remains to be seen.

The political action committee for the Montana Contractors Association—whose members would benefit from infrastructure projects—is supporting 10 candidates who they say may be more open to reaching a compromise to pay for the work. "Our goal is to build a bigger middle in Montana politics. We get more stuff done in the middle," said Cary Hegreberg, the association's executive director.

The association's PAC has already begun contributing money to its favored candidates as well as making independent expenditures.

Already, the contractors group has sent out mailers in support of John Bedford, a moderate Republican who accuses the incumbent, Rep. Daniel Zolnikov of Billings, of "petty party politics" in voting against SB 416.

"There was no room for negotiation," Zolnikov countered. "It's a big issue, and we need to properly address it."

Businesses ask Supreme Court to reinstate exempt well rule

BY MATT VOLZ ASSOCIATED PRESS

HELENA (AP) – Real estate businesses, building contractors and well drillers asked the Montana Supreme Court on May 18 to reinstate regulations that opponents say allowed a flurry of dense residential subdivisions to spring up without regard to sensitive water basins.

The Montana Association of Realtors, Montana Building Industry Association and the Montana Well Drillers Association want the Supreme Court to overturn a judge's 2014 ruling that struck down state regulations over which small water wells are exempt from permitting requirements. "They're combined to irrigate a golf course even though ... the pipes aren't tied together," he said.

There are more than 121,000 wells across Montana that are exempt from permitting requirements, according to the state Department of Natural Resources and Conservation. Between 1991 and 2010, more than 26,000 of those wells were dug in closed basins, or areas where new wells are largely banned to protect the water and existing users.

Before Sherlock struck down the rule, the department estimated there would be 67,000 exempt wells in closed basins by 2040. Most of the closed basins are in western Montana, including Gallatin, Broadwater and Ravalli counties, where most of the state's population growth has occurred in the last two decades, according to a study by Montana's Water Policy Interim Committee. Justice Mike Wheat questioned why developers shouldn't analyze the overall effects of their new subdivisions on the water supply.

"I think the 80-pound gorilla here is not the guy who buys 5 acres out in Three Forks and wants to build a home and drill a well," Wheat said.

"We're talking about developers who come in and buy large chunks of ground, they draw lines on paper and they start selling lots and have not done any kind of analysis of the impact."

The wells are low-density and probably have little effect on the water sources, Abigail St. Lawrence, an attorney for the realtors' and builders' groups, told the high court.

The regulations, written in 1993, exempted multiple wells that use the same water source as long as they each draw less than 35 gallons per minute and are not physically connected. District Judge Jeffrey Sherlock ruled the regulations violated state law after a conservation group argued that they allowed subdivisions and other large users to deplete millions of gallons of water by drilling individual, unconnected wells for their developments without permits.

During oral arguments, Chief Justice Mike McGrath used the example of an 18-hole golf course that uses individual wells to irrigate each hole. Because they are not physically connected, no water-use permit would be required for that golf course under the regulations, he said. The amount of water taken by those wells from 1993, when the regulations were put into effect, to 2010 amounted to 2,575 football fields under 10 feet of water, according to the Clark Fork Coalition, the lead plaintiff in the lawsuit.

The worry by senior water rights holders, such as ranchers, farmers and municipalities, is that the cumulative effects of all those developments can deplete ground water levels and surface water flows, according to the group. "We could get rid of every exempt well in this state and I would posit to you that it would not be the panacea that I think some of the plaintiffs in this case believe it would be to their water wells," St. Lawrence said.

The Department of Natural Resources and Conservation, which wrote the regulations in 1993 and was the original defendant in the case, did not join the appeal of Sherlock's ruling.

"We defended our rule in court, and we lost in district court," department spokesman John Grassy said.

Interest in solar power soaring while utility seeks rate cut

GREAT FALLS (AP) – Interest in solar power is soaring in Montana because of the state's sunny skies and profit potential.

But NorthWestern Energy, the largest public utility in Montana, is seeking a sharp cut in rates set by the Public Service Commission, the Great Falls Tribune reported. That could curb some of the enthusiasm.

NorthWestern currently pays \$66 per megawatt-hour for solar electricity and has requested that rate be dropped to \$34. The utility argues that entering contracts with solar providers at the current rate will mean higher electricity bills for 360,000 Montana customers.

Kathi Montgomery, who is the renewable energy specialist with the state Department of Environmental Quality's Energy Bureau, said that if the rate is cut in half, many proposed projects will stall.

NorthWestern has signed five 25year contracts with Cypress Creek Renewables of Santa Monica, Calif., for 14 megawatts of solar power from separate farms outside Missoula, Helena, Townsend, Hardin and Reedpoint. The deals are the state's first solar power purchase agreements between a solar developer and a utility, Montgomery said.

Ten to 20 projects are in some stage of development statewide, with the companies leasing land or attempting to get building and storm-water permits and approval from counties where zoning changes might be necessary, Montgomery said.

"We have a really good solar resource," she said. "We don't have as many cloudy days as other places have. Even when it's really cold here in the winter, it's still sunny."

Photovoltaic solar panels are more efficient in cold temperatures, she said. The cost of solar equipment has come down substantially in the past few years, Montgomery added.



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SPORTS



LPHS girls win state golf tourney

BY AMANDA EGGERT EBS STAFF WRITER

BIG SKY – Last season, the Lone Peak High School girls' golf team missed the State C championship title by 10 strokes. Not this year.

Despite a small squad—all three of LPHS's golfers on the girls' team competed at State—the team wrapped up the 2016 season May 17-18 with a first place finish at the state District C State Tournament in Hamilton. On the boys' side, senior Charlie Johnson notched a top-10 finish to close out the season.

It may be small, but LPHS has a skilled girls' golf team. In Class C, each team selects up to four qualifying golfers to compete at State, and the scores of the top three are totaled to determine the winning team. LPHS didn't have a fourth girl to participate, so the performance of each team member was crucial to Big Sky's success.

Five shots behind LPHS, Harlowton earned second place, and Powder River took third, finishing 19 shots behind Harlowton. LPHS coach Jenny Wilcynski said the championship title has been getting increasingly competitive as more schools enter the State tournament.

Each girl's play improved significantly on the second day of the tournament. Collectively, they shaved 24 shots off their total between Tuesday and Wednesday. "Everything started to click for them and we got the results I think all of them had wanted," Wilcynski said.

Team captain and senior Katie Reid led the girls' team both days, shooting 105 on May 17 and 93 on May 18. Wilcynski said she expected Reid to finish in the top 10, but was hoping she'd place fifth or better; Reid tied for fourth overall.

Junior Sayler Tatom scored 110 on the first day and 108 on the second, tying for 15th place, while sophomore Delaney Pruiett rounded out the triple threat, shooting 116 and 106, respectively.

Reid said the team talked after the first day of play and decided to work collectively to lower their scores in order to advance from their third-place position. "Instead of worrying about lowering our scores individually, we wanted to work as a team to get a team title," she said.

Charlie Johnson, the boys' team captain and the only senior on the team of eight shot 84 and 86, resulting in a sixth-place finish. "I know he was hoping for a top 10 win and he really nailed it," Wilcynski said. "We're super proud of him."

Wilcynski said scores in the state tournament were about five shots higher than expected, adding that Hamilton Golf Club has a tough course with fast greens. "We had hoped for very few three-putts and what we found was most scores definitely reflect three to four putts per hole."

Johnson was joined at the state tournament by two sophomores, Nick Iskenderian and Harry Schreiner. The boys' team finished in 13th place.

"It's a really big deal for those guys to get out and get to State and see what it's all about," Wilcynski said. "I think that will really help for next year's team."

"This is our first championship for girls' golf," she added. "As coaches, we're pretty excited for Lone Peak."

Reid echoed Wilcynski's excitement. "We've been practicing a ton," she said. "It's really awesome to bring home first place and show people how hard we worked this year."





(From left) Sayler Tatom, Katie Reid and Delaney Pruiett claimed the first girls' State C golf title in Lone Peak High School's history on May 18. PHOTO BY ANNE REID

Katie Reid, the LPHS girls' team captain, said many hours on the golf course—on the greens in particular—helped them win the championship. PHOTO BY JENNY WILCYNSKI

SPORTS

LPHS junior brings home state title in women's singles

BY AMANDA EGGERT EBS STAFF WRITER

BIG SKY - Lone Peak High School junior Luisa Locker claimed the State C tennis championship in Missoula on May 21, a victory she missed by just two points in her only loss last year.

Locker, the No. 1 seed entering the 2016 tournament, handily defeated Libby's Kaylene Hudson in the final match of her junior year, scoring 6-2 the first set and 6-1 the second.

But the real action occurred in the previous match, when Locker squared off against Brooke Nicholson from Chinook in the semifinal round. LPHS Head Coach Carla Gorman said Nicholson has been gunning for Locker since last season—and even defeated her earlier this year at the Divisional Tournament in Townsend May 12-13.

"It was a wake-up call for Luisa that the competition was there and she was serious," Gorman said.

Locker stepped up her play in Missoula. "She really battled that semifinal and took her game to a whole [new] level," Gorman said.

Locker came out strong that match, winning the first set 6-1, but losing the second to Gorman 6-4. Locker refocused her efforts during the next battle, scoring 6-3 to advance to the championship match.

Gorman said Locker has a rare quality for a girl of her age: a full game. "She's developed the whole spectrum of shots," Gorman said. "She's smart—she knows what to do and when to do it."

Several Big Sky tennis enthusiasts have taken note of Locker's skill and drive, and have helped her develop a solid game. "She's a child of the community,"



Luisa Locker with LPHS tennis coaches Carla and Joe Gorman. Locker took second at the State Tournament last year and won the championship match in two sets this year. PHOTO BY MARIA LOCKER

Gorman said, adding that Luisa's been playing with her uncle Andy Locker for years.

LPHS's tennis program nearly doubled in 2015, jumping from four players its first year to seven this season. Joe Gorman, Carla's husband, is the team's assistant coach.

Gorman overheard chatter at the tournament that Locker should play professionally; she has no doubt, she said, that Locker could. And Locker still has her senior year to improve her game.

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Bobcat Rodeo wins regional title, sets sights on CNFR in June

BY CAROL SCHMIDT *msu news service*

GREAT FALLS – School was out last the weekend of May 6-7 for Montana State University's students, but not for the nearly 50 Bobcat Rodeo athletes.

The competitors represented the Big Sky Region of the National Intercollegiate Rodeo Association at a rodeo in Great Falls over the weekend, and both men's and women's teams brought home regular season first place honors to Bozeman. Thirteen of those MSU students have qualified for the College National Finals Rodeo in June in Casper, Wyo.

It is the 12th year that MSU has qualified for both the men's and women's events by finishing in the top two regional schools. According to Andy Bolich, MSU's first-year coach, the leading two teams from each region qualify for the CNFR as well as the top three individuals in each event. Last year, the MSU men finished second.

"It was good to reclaim first in the region this year on both the men's and women's team in my first season as head coach and I look forward to continuing the tradition," said Bolich, who competed for MSU as a student and then professionally in bareback riding before joining MSU as an assistant rodeo coach. He was named head coach last summer after longtime coach Mike True retired.

"We have a good group of kids and a good reputation," Bolich said. "I've been a part of the program long enough to know where pieces fit."

Part of finding the pieces are finding Montana kids—many from small towns across the state with great work ethics and passion for the sport. One such athlete is Will Powell, a first-year student from St. Ignatius who finished second in the all-around title by a hair.

Another student with high hopes is Wyatt Bloom, a senior from Bend, Ore., who has been in the top five in bareback at the College National Finals Rodeo for the last two years.

"[Wyatt] is a contender," Bolich said. "We're hoping it all comes together for his senior year and this year he will win [a] championship."

Bolich said to also keep an eye on Cierra Tredway from Belgrade, who hasn't been to the CNFR since she was a freshman, but who has had a strong spring in breakaway roping.

The Bobcat women won the national title in 2011, and Bolich isn't ruling out a

championship for either the women or men's team this year at the competition, set for June 10-18 at the Casper Events Center. More than 400 cowboys and cowgirls from more than 100 universities, colleges and schools will compete.

"Our kids will stack up well," Bolich said. "We have a good combination of kids who have done well in high school and amateur rodeo, and an older class that's been there."

Bolich said training for the CNFR provides a minor challenge in that school is now out, and all of the athletes have scattered for home or summer jobs. "However, [they] compete in rodeos all summer long. They all have practice lined up ... so we should still be pretty sharp."

Even though rodeo schools from the southern tier usually have more athletes on their teams because they compete year round, the equalizer is that CNFR caps each school at 30 athletes with three animals for each competitor.

"I think our team chances are good," Bolich said. "Although, you never know how we'll draw. There are so many teams and variables. But on paper, our team looks good."





BY BRANDON NILES EBS SPORTS COLUMNIST

When Peyton Manning retired at the end of last season and Brock Osweiler bolted to the Houston Texans for \$72 million, the Super

Bowl champion Denver Broncos found themselves without a quarterback as they began their campaign for a second straight NFL championship.

Losing the top two players on your depth chart—at

Sanchez's performance was slightly better than what Denver got from either Osweiler or Manning last season.

The Broncos acquired Sanchez in a March trade, and he'll presumably battle first round draft pick Paxton Lynch out of Memphis for the starting job.

Even if Lynch ends up starting the bulk of the games for Denver, the drop-off from last season may not be a significant one. Over the past five years, 24 rookie quarterbacks have played a significant number of snaps.

In that time, rookies have averaged 209 yards, 1.1 touchdowns, and 0.9 interceptions per game. Compare this to 263.5 yards, 1.2 touchdowns, and 1.4 interceptions per game averages from the Broncos' quarterback tandem in 2015.

Denver Broncos: a quarterback upgrade?

excellent value. Osweiler will have a salary cap hit of \$12 million this season for the Houston Texans, while Sanchez will count only \$4.5 million against the Denver cap.

As a rookie, Lynch will count only about \$1.7 million against the cap, meaning that Sanchez and Lynch combined will cost Denver just over half of what Osweiler costs Houston this season.

While Broncos fans may lament such a change at the quarterback position, the stats show a different story. Denver made shrewd decisions this offseason in a difficult circumstance following Manning's retirement, and ended up better off at the position as a result.

the game's most important position—would be enough to warrant panic on any team trying to retain its elite status. However, with the play of both former passers suspect at best last season, is their departure really a bad thing for the Broncos?

With Manning and Osweiler, the team finished 14th in the league with 4,216 passing yards, 28th in passing touchdowns with 19, and led the league with 23 interceptions.

While the interceptions were largely due to Manning's early season struggles, Osweiler's quarterback rating of 86.4 was nothing to brag about, good for 25th in the NFL and just a hair better than Blaine Gabbert's for the San Francisco 49ers.

Meanwhile, in 13 games during the past two seasons for the Philadelphia Eagles, Mark Sanchez totaled 18 touchdowns and completed 64 percent of his passes. He also threw 15 interceptions, but Additionally, rookie quarterbacks over the last five years averaged a 58.1 percent completion rate and a quarterback rating of 79.4, compared to 60.7 percent and 76.3 from Manning and Osweiler last year.

If Lynch's rookie performance were average, it would not be a significant drop in production, especially when you consider the talent-laden Denver team that Lynch will lead. This also assumes that the average will hold true for Lynch, an arguably more talented prospect than nearly half the rookie starters during that period.

With the expected production of the Sanchez-Lynch duo being comparable if not better than what Denver had last year, the Broncos are also getting Sanchez is likely to be an improvement or at least a similar producer to Osweiler, and the Broncos have a potential franchise player in Paxton Lynch, who has tremendous athletic ability and could develop into a great pro.

It's always better to have a pro bowl quarterback on your roster, but when there isn't one easily available, you make the best of your situation. That's what Denver did with Sanchez and Lynch, and it's the reason why the Broncos will still be favored in 2016 to win the AFC West division.

Brandon Niles is a longtime fan of football and scotch, and has been writing about sports for the past decade. He is a fantasy football scout for 4for4 Fantasy Football and is co-bost of the 2 Guys Podcast.

ENVIRONMENT

Jackson Hole, China: Gaze into a mirror of wild Rockies?



BY TODD WILKINSON EBS ENVIRONMENTAL COLUMNIST

For a few years now I've been hoping to meet the creator of Jackson Hole's alter ego.

Finally, I reached her by phone. Her name is Allison Smith and she lives in Portland, Ore.

My interest in Smith's work was piqued again a few months ago by a story appearing in The New York Times. Written by reporter Andrew Jacobs, the piece was titled, "Living a Frontier Dream on the Outskirts of China's Capital."

Intriguingly, the piece came with an uncommon dateline: "Jackson Hole, China." (You can read the story here: nytimes.com/2015/12/09/world/asia/anew-frontier-for-the-american-west-in-thefar-east.)

Ms. Smith is an affable and obviously talented American interior designer who, a decade ago, sold developer Ju Yi International on the idea of modeling a resort community in Hebei Province after Jackson Hole. (You can view her portfolio here: allisonsmithdesign.com/internationalinterior-design.)

Jackson Hole, China, is said to be a reasonable facsimile, but what, exactly, it replicates is up to the beholder. Marketed as the quintessence of "Hometown America," it's a place "inspired by" this valley, Smith says, and yet it's like gazing at reality through a distortion field.

The community's genesis moment came among a slate of options Smith gave to developers. She flashed photos of Martha's Vineyard, Yosemite and Vail.

Her clients were left most enchanted by images of families dressed up in cowboy



Downtown Jackson, Wyo. CC 2.0 PHOTO BY ANDREW KALAT

Smith told me residents are merely searching for "the good life." They want a break from the other 21.5 million souls in nearby Beijing, which on several occasions has recorded the worst air pollution on Earth.

Of course, Jackson Hole, the Wyoming version, has qualities that can't be readily replicated in a copycat, beginning with the Tetons and including public wildlands capable of supporting wide-ranging megafauna.

Any large mammals in Jackson Hole, China, serve only ornamental functions—as in mounted animal heads on the walls, next to reproductions of Charlie Russell paintings and other rustic effects.

There's even a knock-off "Teton Village" neighborhood woven into the fabric of Jackson Hole, China. Among the "colorful festivals" residents celebrate are Valentine's Day, Halloween, Thanksgiving and Christmas. Jackson Hole, China, is also supposed to represent freedom and liberty, though anyone logging onto the Internet knows they're being monitored by government eavesdroppers.

Still, some 90 percent of the 1,200 homes in Jackson Hole, China, already have been sold. Smith says the developer's selling pitch is: "Hey, you have worked hard. You deserve what the Western world and America has. You deserve to have a second home. You deserve to have two cars and a place to take your children on holidays. Just like Americans."

And, just like the real Jackson Hole, real estate speculation has proved to be very lucrative.

No matter what we think, Jackson Hole, China, offers Americans a chance to reflect on the difference between a consumerist fantasyland and a place with authentic heart and soul. Will there also be Big Sky, China; Bozeman, China; and Red Lodge, China?

attire sitting on buck-and-rail fences drinking wine, strolling beneath the elk antler archways in the Jackson Town Square and mock-talking John Wayne.

"They wanted to know what Jackson Hole was really like," she said. "The more they learned, their interest grew and it became their magical place." Of course, few had actually been to Wyoming.

The goal was to manufacture a make-believe town, though she didn't want Jackson Hole, China, to appear as if it had been Disney-fied or made too Las Vegasy. The developers loved her cowboy and Indian motifs, derived from memories of Smith's own younger years spent in Big Piney, Wyo., and Dillon, Mont. Easter weekend is described as an event where, " ... from Friday to Sunday each public places such as a church, stores and shopping malls will let kids touch and play with lovely rabbits and chickens."

Its website says, "On Independent Day, July 4, Jackson Hole, China will hold big-scale celebration activities to feel the national traits of U.S. festival."

Apparently lost in China's version of nirvana, which exists with the blessing of the Communist Party, is the irony of what Independence Day in this country actually means. The question isn't what Jackson Hole, China, represents as an escape for the Chinese. Rather, it's what the real Jackson Hole and other mountain communities in the Northern Rockies represent to us, to the rest of the world—and how we feel when we gaze into the twisted mirror.

Columnist Todd Wilkinson is a correspondent for National Geographic and the Christian Science Monitor among many other publications. He writes the New West every week and is author of "Grizzlies of Pilgrim Creek, An Intimate Portrait of 399, the Most Famous Bear of Greater Yellowstone" (mangelsen.com/grizzly) featuring photos by Thomas D. Mangelsen.

MSU professor creates online photobook of regional insects

MSU NEWS SERVICE

BOZEMAN – A Montana State University professor has created a way for people across Montana and beyond to access photos of an often unseen world.

Robert Peterson, professor in MSU's Department of Land Resources and Environmental Sciences in the College of Agriculture, has created an online collection of his photos showcasing the insect world of the Greater Yellowstone Ecosystem. Peterson hopes the online photobook—which includes more than 120 images taken over a period of 14 years—will be used and appreciated by the public.

"There's an entire, hidden world beneath our feet that's not well understood or appreciated," Peterson said. "Insects are the most abundant and diverse multicellular organisms in the GYE, and they play a vital role in how ecosystems function, but because they are small and people rarely see them close up, they're overlooked in regard to their importance."

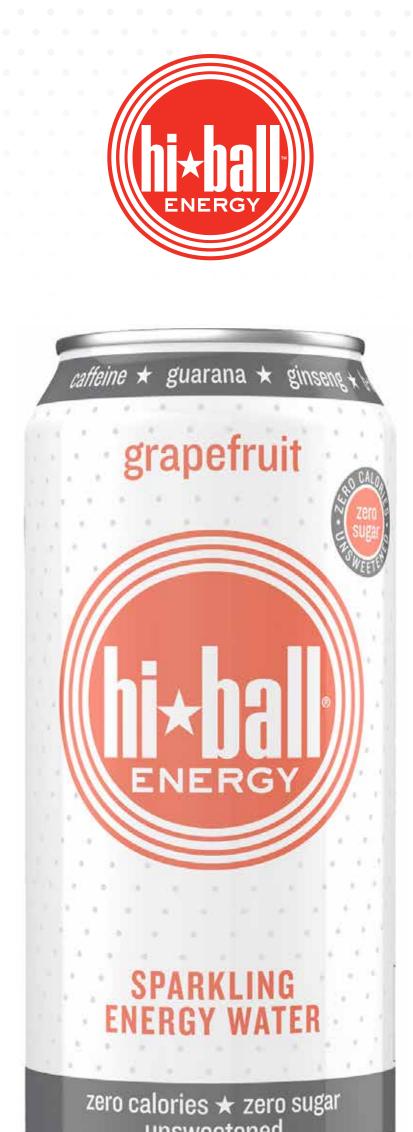
The website, Insects of the Greater Yellowstone Ecosystem, currently features close-up images showcasing the bright colors, delicate features and habitats of regional butterflies and moths, beetles, flies, bees, wasps, ants,



This is a sweat bee, probably in the genus *Sphecodes*. Bees in this genus, characterized by their bright red abdomens, are parasites of other bees. PHOTO COURTESY OF ROBERT PETERSON

sawflies, grasshoppers and other types of insects. Scientific names of the insects are listed, as is brief information about the insects' anatomy, behavior and habitat.

The GYE includes Yellowstone National Park, comprises 34,375 square miles, and is one of the largest nearly intact temperate-zone ecosystems on Earth, according to the National Park Service. Peterson said at least two out of every three species is an insect within this ecosystem.

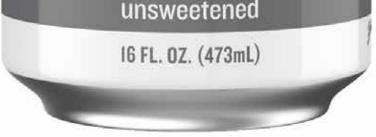


"Their diversity and abundance is staggering," he said. "Insects aren't viewed as charismatic as some of the large mammals in the region, but they are critical to any healthy ecosystem because they serve as pollinators that stimulate plant diversity, they're an important food source for other organisms, they recycle nutrients, and are a crucial foundation for watershed health."

The project includes a Facebook and Twitter page as well, where Peterson posts pictures and descriptions of insects. Photographs of insects can be added indefinitely because there are thousands of species in the GYE, giving scientists plenty of insects to photograph.

Eventually, Peterson hopes to incorporate images from other photographers and encourage novice entomologists to explore, identify and share findings.

"The ultimate goal is to develop an appreciation, support education and spur an awareness of this hidden world," he said. "You don't have to go to far-flung places to study insects; there's a jungle right outside your backdoor."



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Locals Fishing Report from Gallatin River Guides

Brought to you by Jimmy Armijo-Grover, General Manager



Exciting news...the fishing season in Yellowstone National Park reopens Saturday May 28th! With spring runoff in full swing it will be nice to have a few more options. Licenses available now at GRG.

Some of the more popular fishing destinations opening week are the Madison, Firehole and Gibbon Rivers. Although not completely sheltered from the effects of runoff they stay relatively consistent for this time of year.

We can expect the warmest water temps coming from the Firehole, which may have hatches of baetis, White Miller Caddis, Pale Morning Duns and maybe some Mother's Day Caddis right out of the gate. Some good patterns to have in your arsenal right now are DOA Baetis Cripple #20, Hi-Vis Spinner BWO, Last Chance



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PMD Cripple, JuJu Baetis, Green Machines, La Fontaine Sparkle Pupa tan/ginger and Tan X-Caddis.

Hatches will be similar on the Madison, especially closer to the junction of the Firehole and Gibbon. Water temps tend to be cooler on the Gibbon, which means hatches are a little behind that of the Firehole and Madison.

The gulper fishing has also began on Hebgen Lake. Massive hatches of midges ranging from size 16-24 are bringing fish to the surface. Chasing gulpers is a challenging and fickle proposition, but can be highly rewarding when the stars align. Some flies to consider are Silvey's Midge Adult #16, Zebra Midges and some larger Ice Cream Cone patterns. A dry dropper rig with midge patterns can work well or drop an Ice Cream cone 2-4' below a small strike indicator and wait.

The Upper Madison continues to be a rock star. The clarity below Quake Lake has mostly been tea colored and fishing well both above and below the surface. Below the West Fork has continued to fish well most days, but clarity varies regularly due to temps and rain.

We've had some good days on the Lower Madison, but I predict that the next couple of weeks may be tough with increasing water flows and decreased clarity.

We're about to turn the corner on spring runoff for the season. Conditions on the Gallatin, Madison and Yellowstone Rivers will probably start to improve considerably around the middle part of June...just in time for the big bugs to start hatching!!!













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New Bozeman outfit puts pub-crawling in gear

BY KATIE THOMAS EBS CONTRIBUTOR

BOZEMAN – As summertime urban outdoor activities go, few things beat bicycling in the warm breeze.

Now imagine a planned route, with stops at local breweries and distilleries, over the course of a few hours. Throw in a pilot and you've got yourself a pub bike— Bozeman's newest and most entertaining way to brew-hop with your friends.

Gear Belly, a 14-seat bicycle that pedalers utilize to tour around to local breweries, made its shiny red debut in Bozeman this May. Offering tours seven days a week, Gear Belly takes guests around town during the bike-able months starting in May and lasting until snow or ice impairs operations.

The bike features 10 pedaling seats, two non-pedaling seats and one non-pedaling bench seat in the back, which can fit two adults. Interested customers simply need to have a party of six or more, choose or design a tour, and book in advance (it's not a taxi, unfortunately).

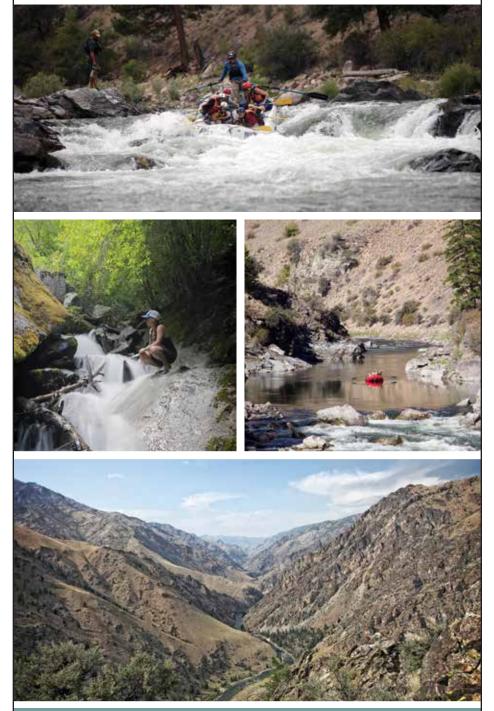
Tours include a safe and sober pilot who steers and brakes, a sound system, a cooler with bottled water, and a spirited tour of your favorite destinations. Drinking alcohol on the pub bike is not allowed, but guests can bring a growler to fill at one of the 30-minute stops and store it in the cooler until the tour ends. All ages are welcome, and Gear Belly's owners recommend dressing in layers—unless guests are in costume, which is even better.

Eric and Jami Morris were inspired to launch this innovative concept after seeing a similar outfit in Bend, Ore. "It seemed like something that was missing from



The Gear Belly pub-crawling bike rolls through downtown Bozeman. PHOTO BY MIKE FROTHINGHAM

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Bozeman's evolving beer culture," Jami explains. "And 'Gear Belly' is a playful take on 'beer belly." Both Morrises are lifelong wildfire professionals, so safety is a priority. Guests must sign a waiver to ride the pub bike, and helmets are offered, though not required.

In addition to the three main tours—Hair of the Dog (midday), One Wild Ride (late afternoon), and The Long Way Home (evening)—custom tours are available. Gear Belly can also be booked for special events: reunions, bachelor/bachelorette parties, tailgating, corporate retreats, birthday parties, and concerts are just a few other suggestions Gear Belly welcomes.

On a flat road the bike can travel approximately 6 mph. Yes, the pedaling really is powering the bike, and the more people pedal, the merrier; and the easier the ride. The Gear Belly bike of Bozeman is certainly a unique way to travel—it's not unlike being in a parade, waving and smiling are encouraged and no one can help themselves anyway.

As the Gear Belly folks say, "Belly up and pick a gear!"



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DINING

AMUSE-BOUCHE

Amuse-bouche refers to an appetizer, and by French translation means, "to entertain the mouth." It offers a glimpse into what you should expect from a meal. Also it's free, compliments of the chef.

What if chefs were like athletes?



BY SCOTT MECHURA EBS FOOD COLUMNIST

In previous columns, I've written about how the general public loves cooking competitions; how we almost treat them like sporting events. They are, after all, quite a spectacle at times. Cooking is a craft, but what if it was a sport?

Today, we the viewers already know the answers we'll get from our favorite athlete in the postgame interview. They'll talk about being thankful for the opportunity, just taking one game at a time, or going back and watching the film.

Former Minnesota Twins centerfielder and Hall of Famer Kirby Puckett once answered the question as to why they lost a game with, "Well, we just needed to put the bat on the ball and score some runs." Thanks for the insight, Kirby.

Chefs are generally a candid, opinionated, energetic, educated, artistic and driven bunch. But we can be a little standoffish at times. If you notice, much like the traditional baseball pose is stand with bat on shoulder, or in hockey with stick down on ice, the standard for chefs being photographed is to—no matter his or her personality—stare at the camera, almost coldly, with arms folded.

The beauty of a post-service interview with a chef is, I'm fairly certain, the responses to the interviewer's questions will be candid, interesting, perhaps heated, and definitely not scripted. Sure, we could say something like, "Well, you know we just fell a little short and the guests just brought a better game than we did tonight." But that isn't very entertaining.

Many chefs I know, including myself, and whether it be out loud with the team or quietly in their head, perform what is called an after service analysis, or ASA. And I know many chefs who, if caught immediately after the evening's food service and much like catching the athlete right on the field, would assess their evening with great candor, much to the entertainment of the audience.

So what if, instead of a canned, homogenized response, the chef's response was how he or she thinks?

You would expect to hear something like (all names or fictional), "Well, we knew we were headed into a big one. The books were overloaded and we had some tight turns, but we were prepped up and set to go. We had Mike on sauté, Jim on the grill, and Mary is our fastest in the pantry. Every other station was solid.

Jennifer Mohler at 406-209-0905 Learn more at or info@bigskyweeds.org www.bigskyweeds.org



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- June 25 7th Annual Gallatin Weed Pull and River Clean Up
- June 26 Fundraiser @ Bozeman Brewing Co, "Sunday Fund-day"
- July 5 Wildflower & Weed Walk, 10 am to noon, Ouzel Falls Trail
- July 12 4th Annual Big Sky Weed Pull, 5 pm @ the Community Park
- Aug 9 Wildflower & Weed Walk, 10 am to noon, Deer Creek Trail



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"So we were humming along great and hitting our biggest push of the night. Then this table ordered the wrong item and the server brought the whole order back. Our middle man, John, got lost, and Mike had to re-fire everything and he suddenly went blank. It threw him into a total tailspin. He was so far in the weeds that he took the rest of the ship down with him. We were all working on our heels from then on."

Granted, not many people might know what the chef just said, but you know for sure that that was an accurate and honest assessment of the evening. Embrace that. Chefs are an integral part of what makes the world a more exciting place.

Scott Mechura has spent a life in the hospitality industry. He is a former certified beer judge and currently the Executive Chef at Buck's T-4 Lodge in Big Sky.

From Jackie *with love* 10 workplace wellbeing trends



BY JACKIE RAINFORD CORCORAN EBS HEALTH COLUMNIST

Every spring, the Montana Association of Health Care Purchasers hosts a powerful twoday workplace wellness conference. The keynote presenters are leading

experts in their field and the breakout sessions offer further solutions to current issues that are wreaking havoc on the health of our bodies, minds and bottom lines.

Here are my top 10 takeaways from this year's conference, held in Billings May 11-12:

1. Stress is a primary health concern in the workplace. Providing stress management tools and education is critical to the health of our companies and country. Mental health is on the radar of both health care providers and employers, and we are making great strides as a society in removing the stigma around it.

Check out the website right direction forme.com for resources that bring awareness and solutions to depression and stress in the workplace.

2. Smart phones are being used as great tools for health-related behavior change, self-empowerment,

as well as access to and understanding of medical records. Check out the app Hello Heart that allows users to monitor their heart rate and reduce hypertension and heart disease through personalized self-management.

3. While studies show that prevention is the key to preserving our health and bottom line, we continue to operate from a model that primarily addresses full-blown disease. This is still proving to be a financially irresponsible model.

4. Even after the implementation of the Affordable Care Act, America is still spending far more per person than any other developing country.

5. According to Michigan State Medical Officer Dr. Greg Holzman, poverty in the U.S. is a fundamental health problem. We must find a new and better way to address this in order to bolster a healthier and financially sustainable society.

6. Every company has a culture whether it's intentional or not. Companies that create a culture of health excel in employee attraction and retention, have lower turnover, less absenteeism, and reduced medical claims.

7. Make the healthy choice the easy choice. Several companies with cafeterias are starting to put a heavy tax on junk foods like sodas and macaroni and cheese, while subsidizing their healthier whole food options. This makes the healthy choice the economically smart choice.

8. Total well being, work that provides a sense of purpose and community connection is not only important to the largest work force now in America—the millennials, born between 1985 and 2005—but even more so to the up and coming Generation Z of people born between 2005 and 2025. I'm grateful they're bringing us back to sensible core values.

9. Conscious communication is a key component to building stronger work forces. Being clear on goals and vision; encouraging autonomy; speaking kindly and honestly without being passive aggressive; and being a good listener keep channels of communication open, reduces stress and builds morale.

10. The fastest way to shift culture is by enforcing relevant policies. Consider cigarette smoking: We have seen a massive and swift cultural shift in the number of U.S. smokers as policies have made smoking cigarettes in public spaces illegal.

If this type of information is of interest to you, I encourage you to visit the site mahcp.org to register for the 2017 Montana conference. I look forward to seeing you there next year!

Jackie Rainford Corcoran is an IIN Certified Holistic Health Coach and Consultant, a public speaker and health activist. Contact her at jackie@corehealthmt.com



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HEALTH

May 27 - June 9, 2016 **27**



The antibiotics paradox



BY DR. JEFF DANIELS EBS MEDICAL COLUMNIST

We prescribe too many antibiotics throughout the world and some predict that by the middle of this century, the planet will be a much worse place because of antibioticresistant diseases.

It's similar to the warnings about global warming, which went largely ignored for a long time—the problem of

emerging antibiotic resistance requires tough decisions to avert disaster.

The ability of bacteria, viruses and fungi to develop resistance causes the antibiotics in use today to be less effective or not effective at all. It's predicted that the death rate from infections by resistant organisms will increase 10 times by the year 2050, and the cost estimate to deal with antibiotic resistance from now until mid-century is \$100 trillion.

Indirectly, many other medical treatments and procedures will become more difficult if a majority of bacteria are resistant to the antibiotics that we have available. Knee and hip replacements, most forms of general surgery, organ transplants, and cancer treatment all depend on effective antibiotics to prevent patient infection.

Another factor affecting antibiotic resistance is that drug companies are doing less research and development for the creation of new antibiotics, compared to many other categories of drugs. Since they were discovered and we began treating patients with them in the 1940s, we've overcome the problems generated by resistant organisms by developing many different and unique kinds of antibiotics.

One reason for this lack of research is greed: developing a new antibiotic isn't as lucrative as selling another cholesterol-lowering medication, or another Viagra. Since medical literature is instructing doctors to use fewer antibiotics, creating one that will be as profitable as other categories of medicine becomes less likely.

Greed is also one of many responsible factors in the overuse of antibiotics. I often ask my medical students, "To whom are most of the antibiotics produced by drug companies sold in America?" Believe it or not, 70 percent of all antibiotics produced are sold to farmers and to agribusiness. The bottom line is that antibiotic use in livestock and chickens creates more profit.

What can we do about this problem? As a physician offering primary care to many patients who come in with acute infections, it's imperative to educate the patient—and sometimes myself—that most infections are caused by viruses and won't improve with any antibiotic, but will with a little patience. Sinusitis, bronchitis, the common cold, and most ear infections fit into this category.

We need to improve sanitation in the developing world to decrease the number



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of bacteria that are germinating and creating resistance. In the developed world, decreasing the rate of hospital-acquired infections will lessen the need for stronger antibiotics.

We should give fewer antibiotics to the animals that we plan to eat; limit the worldwide sale of antibiotics without a prescription or through the Internet; and develop more vaccines to help prevent infections in the first place. We should also use the ones we have, like the pneumonia vaccine, more effectively.

Like global warming, it's easy to ignore the problems of antibiotic overuse and resistance, and not take the hard steps to correct them.

I was inspired to write about this topic by the science writer Ed Yong and his recent story "The Plan to Avert Our Post-Antibiotic Apocalypse," published in The Atlantic magazine. I hope bringing attention to this issue will help bring about the necessary changes to our relationship with antibiotics.

Dr. Jeff Daniels has been practicing medicine in Big Sky since 1994, when he and his family moved here from New York City. A unique program he implements has attracted more than 700 medical students and young doctors to train with the Medical Clinic of Big Sky.

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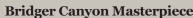


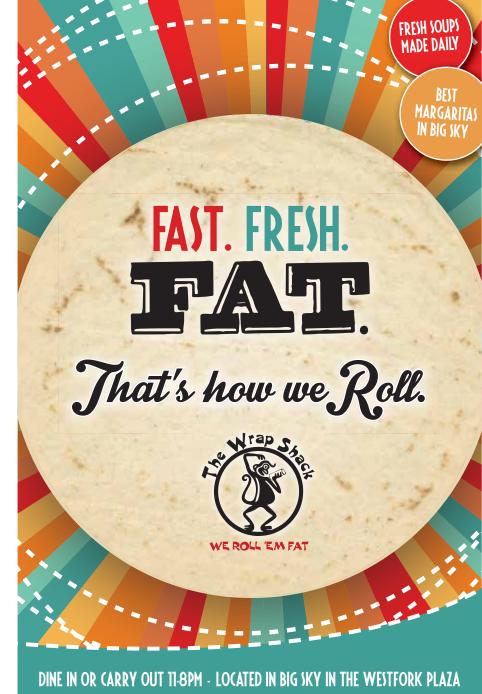
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OUTDOORS

Section 3:

May 27 - June 9, 2016 **33**





BY PATRICK STRAUB EBS FISHING COLUMNIST

It's been 100 years since the National Park Service was created and its duties include managing the first national park in Yellowstone National Park.

Despite the unfortunate recent events-including careless visitors leaving the boardwalk and walking in a sensitive hot springs area—the Park Service's centennial goes on and we celebrate it as part of our national heritage.

In looking forward to an exciting centennial season, local anglers eagerly await the opening of the park's fishing season on the Saturday of Memorial Day weekend.

Many of us will venture to Yellowstone that day and fish the world's highest concentration of trout-filled accessible waters. The idea to create Yellowstone National Park wasn't driven by anglers, but it sure could have been given the angling wonders that exist within its boundaries.

Miles of accessible waters.

Yellowstone National Park is just that—a park, with 2.2 million acres of public lands. Within those boundaries exist hundreds of bends. riffles, pools and undercut banks where four species of wild trout and Arctic grayling lie in wait to eat your well-presented fly.

Dry fly angler's paradise. The Firehole River flows gently through bends and riffles over much of its course. Above Old Faithful geyser basin the river is small and characterized by downed timber and rock cliffs. Below the geyser basin the gradient slows and its currents create an idyllic setting for rising trout and long drifts. Home to abundant populations of mayflies and caddis, the Firehole River is the river to break in a new three-weight rod or work on your reach cast.

Despite a few meadow sections, the Gibbon River flows faster than the Firehole. It has plenty of pocket water and riffle corners, ideal for anglers who enjoy fishing attractor dry flies to opportunistic trout. The Madison River, created by the Gibbon and Firehole, mirrors its

Wild angling companions. While fishing on any water in Yellowstone, you're likely to encounter the park's varied wildlife. Bison are most commonly seen as they enjoy grazing on the lush riparian vegetation. Elk are often spotted near rivers as well as moose—but be wary of moose as their poor eyesight can cause them to mistake you for a predator. A moose charge is not to be taken lightly.

If you choose to fish in areas frequented by grizzly bears, fish with a companion and carry bear spray. If you do spot a grizzly, give the bear plenty of room and choose another place to fish for the day.

I've been fortunate to have fished in several exotic locations-for massive brown trout in



A valid Yellowstone fishing permit is required and they can be obtained Morning fog on the Madison River, near the confluence of the Gibbon and Firehole rivers in Yellowstone National Park. PHOTO BY JOSEPH T. O'CONNOR at most local fly shops. Armed with your fishing permit, some local knowledge and a good sense of adventure, the fishing opportunities in Yellowstone are potentially endless.

Clear water options to fish right now. Many of

our freestone rivers are high and muddy as runoff peaks, but several fishing options exist in the park. The Firehole, Gibbon and Madison rivers typically run clear during late May and through the summer.

In addition to their clear waters, the Gibbon and Firehole flow through geyser basins. Every angler should experience casting your flies near the rising steam of a hot spring or erupting geyser. These rivers are also easily wadeable, making them user-friendly for all levels of wading ability. two source rivers with its respective angling opportunities.

Native Yellowstone cutthroat trout. Yellowstone Lake opens to fishing in early June and is home to the world's largest population of native Yellowstone cutthroat trout. This species is only found in the Yellowstone River drainage and in the lake-they often cruise the shallows of the lake, making them catchable from shore.

As runoff subsides later in the summer, these fish can also be caught in the main stem of the Yellowstone River and its major tributaries, such as the Lamar River, Slough Creek and Soda Butte Creek. Known for their willingness to rise to a dry fly, these fish are as enjoyable to catch as they are unique.

Patagonia; tigerfish in southern Africa; bonefish, permit and tarpon in several Caribbean locations; and for steelhead and salmon in Alaska. They've all burned permanent memories in my angling psyche; however, the most vivid memories occurred two hours from my home in Yellowstone National Park.

Pat Straub is the author of six books, including "The Frugal Fly Fisher," "Montana On The Fly," and "Everything You Always Wanted to Know About Fly Fishing." He and his wife own Gallatin River Guides in Big Sky, he is co-director of the Montana Fishing Guide School, and co-owns a guide service on the Missouri River.



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FRIDAY 5/27 - THURSDAY 6/9 X-MEN: APOCALYPSE - PG-13 4:30 & 7:30 ALICE THROUGH THE LOOKING GLASS - PG-13 4:45 & 7:15

> **COMING SOON:** FINDING DORY - PG

* MOVIES AND TIMES ARE SUBJECT TO CHANGE. PLEASE CALL 995-STAR FOR THE MOST UP TO DATE FILM SCHEDULE.

Big Sky Community

bigskylibrary.org

Announcements

Volunteers Meet Wednesday 6/1 10AM

hours.

Sunday 1-5p.m. Monday 10a.m.-6p.m. (Toddlers Storytime 10:30 a.m.) Tuesday 4-8p.m. Wednesday 4-8p.m. Closed Thursday-Saturday

Consignment

Cabin

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ລ wifi

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Northern Lights from Big Sky

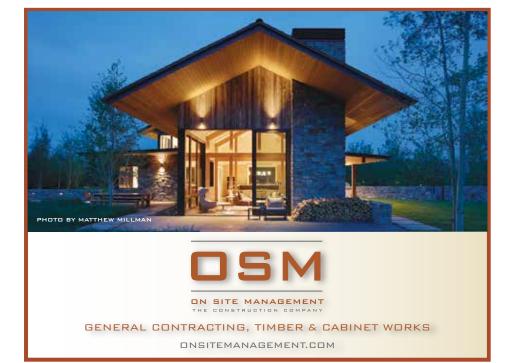


Lone Peak High School junior Ethan Schumacher took this photo of the northern lights May 7, after attending the high school prom. Schumacher captured the image from Big Sky's Ramshorn neighborhood around 11 p.m.

"When I spotted them they didn't look like the aurora borealis—it just looked like the light pollution from Bozeman—until I noticed that the lights were in really tall columns in the sky. So I got out my camera and took a photo and you could make out the green colors of it very well," Schumacher said in an email.



Enjoy our publication and please remember to recycle.





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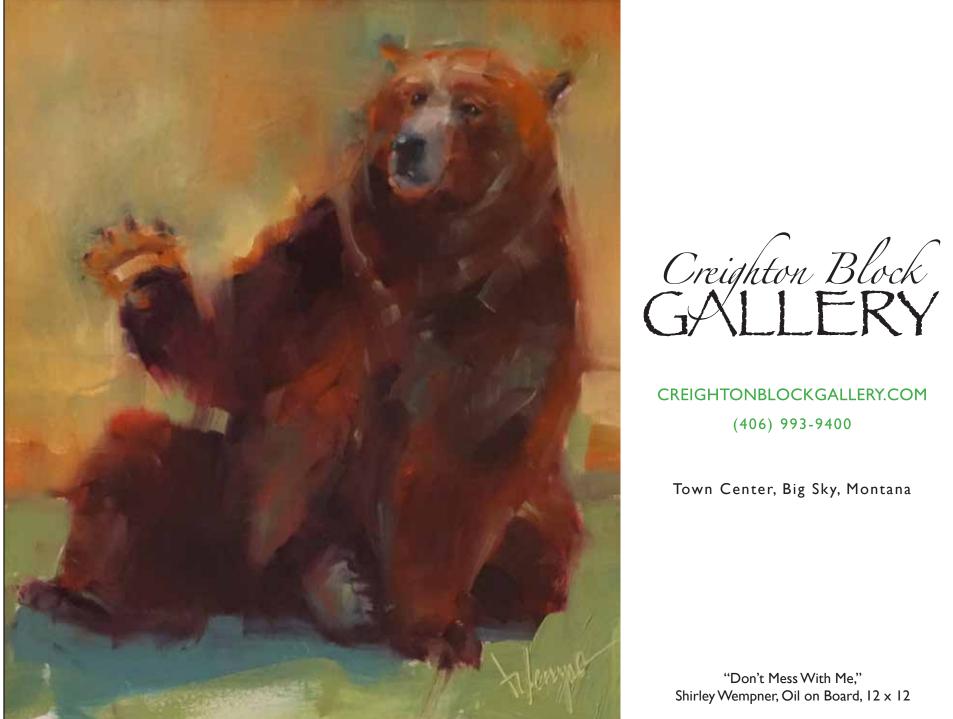


The AHI philosophy is about creating for the family rather than imposing a personal preference for a trend or style. It's a malleable approach to decorating, perfect for clients seeking a partner in crime rather than someone who will make all the decisions for them. After years of working in the industry, AHI has built a portfolio that reads more like a family album than a company prospectus.

The team at AHI has also created the Architect's Wife, Bozeman's destination for furniture, lighting, and decor. The Architect's Wife services AHI clients, customers in the Gallatin Valley and beyond, and other interior designers and industry professionals looking to snag the perfect piece on the spot.

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Explore Big Sky





'A Bear Doesn't Care,' but Yellowstone knows you do

NATIONAL PARK SERVICE

Yellowstone National Park wants to increase the number of people carrying bear spray, and its officials have come up with a new engaging, celebrity-filled campaign called "A Bear Doesn't Care."

Whether you're a hiker, backpacker, angler, photographer, wolf watcher or geyser gazer, the campaign encourages you to carry bear spray.

"A bear doesn't care how far you're hiking, if you're just fishing, or even if you work here," said Yellowstone Supt. Dan Wenk. "No matter who you are or what you are doing, you should always carry bear spray and know how to use it."

Recent data collected by park scientists revealed that only 28 percent of visitors who enter the park's backcountry carry bear spray. Studies show that bear spray is more than 90 percent effective in stopping an aggressive bear and, in fact, it's the most effective deterrent when used in combination with our regular safety recommendations—be alert, make noise, hike in groups of three or more, and do not run if you encounter a bear.

"Yellowstone visitors care deeply about preserving bears and observing them in the wild," said Kerry Gunther, the park's bear management specialist. "Carrying bear spray is the best way for visitors to participate in bear conservation because reducing potential conflicts protects both people and bears."

Beginning this summer, look for posters in retail outlets, ads in magazines, and images on social media of visitors and local celebrities carrying bear spray while recreating in the park.

Local celebrities who appear in the campaign share the message that bear spray is essential for safety in bear country. Initial poster designs include alpinist Conrad Anker, artist Jennifer Lowe-Anker, and National Geographic photographer Ronan Donovan. Actor Jeff Bridges, writer Todd Wilkinson, fly fisherman Craig Mathews and others will join the campaign in the coming months.

Visit go.nps.gov/bearspray for information about bear encounters and directions for how to use bear spray.

Construction scheduled on Grand Prismatic area trails

YELLOWSTONE NATIONAL PARK

In early June, trail crews will begin constructing an official trail and overlook to replace the many existing social trails on the hills south of Grand Prismatic Spring. This is the first of a two-year project and during construction, three areas will be closed to the public:

- The hills immediately south of Grand Prismatic Spring
- The Fairy Falls Trailhead and parking lot (located one mile south of Midway Geyser Basin)

- The Fountain Freight Road between the parking lot and the Fairy Falls Trail junction

During this closure, there is no access to the Fairy Falls parking lot and trailhead from the Fountain Freight Road. In addition, the area east of the Grand Loop Road around Midway Bluff is closed permanently due to resource damage from visitor use.

These closures will not affect access to the boardwalks around the Midway Geyser Basin and hikers can access Fairy Falls using the Fountain Freight Road Trailhead located north of Midway Geyser Basin. Be prepared for a much longer hike: 8.8 miles round-trip rather than 5 miles round-trip.

Cyclists can ride from the Fountain Freight Road Trailhead as far as the Fairy Falls Trail Junction (6 miles round-trip), but there is no through traffic to the Fairy Falls Trailhead. Bicycles are not allowed on the Fairy Falls Trail and you must complete this section on foot (2.4 miles round-trip).

During winter, skiers will be able to traverse the Fountain Freight Road to visit Fairy Falls and other destinations.

Once the project is complete, a new trail and overlook will allow people to safely enjoy this popular destination that provides spectacular views of Grand Prismatic Spring and Excelsior Geyser.

Also note that trails along the Fountain Freight Road and in the Fairy Falls area are closed until May 28 due to bear management restrictions.

A map of Grand Prismatic area closures is available at nps.gov/yell/planyourvisit/gpareaclosures.htm

Park Service asks visitors to respect wildlife, safety regulations

YELLOWSTONE NATIONAL PARK

In recent weeks, visitors to Yellowstone National Park have been engaging in inappropriate, dangerous and illegal behavior with wildlife. These actions endanger people and have resulted in the death of a newborn bison calf.

In early May, park visitors were cited for placing a newborn bison calf in their vehicle and transporting it to a park facility because of their misplaced concern for the animal's welfare. In terms of human safety, this was a dangerous activity because adult animals are very protective of their young and will act aggressively to defend them. In addition, interference by people can cause mothers to reject their offspring.

Park rangers in this case tried repeatedly to reunite the newborn bison calf with the herd and these efforts failed. The bison calf was later euthanized because it was abandoned and causing a dangerous situation by continually approaching people and cars along the roadway.

Another visitor approached within arm's length of an adult bison in the Old Faithful area, captured in a recent viral video. Another video featured visitors posing for pictures with bison at extremely unsafe and illegal distances.

Last year, five visitors were seriously injured when they approached bison too closely. Bison injure more visitors to Yellowstone than any other animal.

Approaching wild animals can drastically affect their wellbeing and, in some cases, their survival. Park regulations require that you stay at least 25 yards (23 meters) away from all wildlife—including bison, elk and deer—and at least 100 yards (91 meters) from bears and wolves.

Disregarding these regulations can result in fines, injury and even death. The safety of these animals, as well as human safety, depends on everyone using good judgment and following these simple rules.

Visit nps.gov/yell/planyourvisit/safety for more information about safety in Yellowstone National Park.

Explore Big Sky

Game warden creates 'profile' of serial poachers

BY TOM KUGLIN INDEPENDENT RECORD

HELENA (AP) – Montana's game wardens call them 1-percenters or lone wolves.

They are a category of poacher notoriously obsessed with trophy wildlife, driven and talented as hunters but with a disregard for game laws. "No trespassing" signs mean better hunting. Trophy units requiring special permits are simply where the big bucks and bulls live. It is a seeming addiction to not only pursue the biggest antlers, but also to the thrill of outwitting the law while doing so, the Independent Record reported.

Montana Fish, Wildlife and Parks regional investigator Bryan Golie studies what makes people continually kill big game animals illegally. After years of documenting commonalities in the field, interviews, prosecutions and talking to other wardens, Golie developed a portrait of a 1-percenter that he believes will help wardens catch them and save trophy wildlife.

"I've caught a few of these individuals over the years and I began to realize there are certain personal characteristics that mirror each other," he said while out patrolling the Beartooth Wildlife Management Area for trespassing antler hunters. "By understanding who these individuals are, what makes them unique and the devastation they cause to our wildlife, it makes other poaching look like a joke."

Golie agreed to talk about his work on the condition that individuals he profiled not be named, citing concerns with confidential criminal justice information. He also declined to speak specifically on investigation techniques and how they differ when dealing with a 1-percent poacher.

People poach for a variety of reasons, including household consumption, trophy poaching, thrill killing, protection of property, disagreement with regulations and gamesmanship.

A 1-percenter's portrait includes a combination of motivations along with a number of defining personal characteristics. Once understood, the combination can help wardens determine if they are dealing with someone who made a simple mistake, or a 1-percenter who left the house that morning knowing he would break multiple game laws, Golie said.

A 1-percenter's life revolves around hunting or fishing, but usually hunting, he said.

Jobs come and go until they find a career allowing time to pursue trophy wildlife. They rarely use drugs or alcohol, staying in peak physical condition, due to prioritizing hunting and fishing. Often investigators find a history of domestic violence along with a smattering of other crimes, including theft and burglary.

Family relationships also challenge social norms and Golie sees evidence of repeated enabling.

"His wife lies for him. Mom pays the fine. Dad testifies on his behalf in court," he said. "I see these guys in their 40s and 50s and their mom still paying his fines and his third wife is buying the tags he fills for her because his privileges have been revoked."

One-percent poachers are typically loners when poaching but share half-truths about their pursuits. They document their crimes both with photographs and taxidermy. They may attempt to commercialize their endeavors, such as selling a few elk sheds obtained through trespassing, while keeping a portion of the antlers as a trophy.

"Adrenaline is a big part of serial poaching, the pulling it off and then manipulating others into believing they killed the animals or found the elk sheds legally," Golie said.

To feed their egos, 1-percenters often seek public praise by bragging about the trophy animals they poach, as well as proudly displaying them. That can change over time, however, especially among older poachers that sink deeper into the lifestyle and withdraw from society.

"I've walked into the homes of 50-year-olds and they're hoarding these animals and antlers, filling rooms, and nobody knows about it," Golie said. "They cannot stop poaching. Jail stops them and revoking privileges slows them down, but there is no cure."

While 1-percenters are often only children or the only male child, economic status does not appear to play a factor. Golie profiled rich and poor individuals that both displayed defining characteristics.

As Golie developed his 1-percenter portrait, he consulted with Dr. Stephen Eliason, a sociology professor at Montana State University Billings who has published research on both poachers and game wardens. Researching poaching is a challenge because the stigma it carries in the hunting subculture triggers reluctance among convicted poachers to talk, he said.

"[Poaching] is a complex phenomenon to study because there are so many motivations and it's not one-size-fits all," Eliason said. "In general it's very difficult to get individuals to discuss it that have been engaged in it, which is common with any crime in general that a lot of people don't like discussing illegal activities." A sociopath displays antisocial and often criminal behavior while lacking a sense of moral responsibility or social conscience. Irresponsibility makes holding jobs difficult and they often fail to honor financial obligations.

Sociopaths need to fulfill personal egos with a disregard for the effects on others. They easily establish relationships but fail to maintain enduring relationships. They lie, manipulate and deceive without a sense of remorse. They are incapable of feeling guilt even when caught, blaming others for their troubles and balking at punishments.

"It's interesting because I've caught these individuals trespassing and picking antlers on game ranges only to find them in line on opening day like it'd never happened," Golie said. "But what's underlying makes sense for why they're addicted to poaching and makes it easier to explain. When you look into their background, you end up finding a lot more—it runs deep and goes in all different directions in a sociopath's life."

Eliason believes Golie's theory could inform the challenging study of poaching.

"It definitely has merit and potential," Eliason said. "With the difficulty of doing research with people that don't want to talk with you, the game wardens are the ones out there and are a good source of information."

In the case of poaching, wardens cited in Eliason's research responded resoundingly that loners, particularly non-braggers, are the most difficult to catch.

FWP Enforcement Chief Tom Flowers echoed the challenge of apprehending 1-percenters and added that they can take up the bulk of a warden's time. Spending significant time on a 1-percenter can ultimately end unsuccessfully, making investigating them particularly frustrating at times.

"They may not buy licenses, they don't care about the law, they are obsessed," he said. "Clearly their thought process is different and they see it as a challenge to not only take the game but to not get caught.

"They obviously operate outside of any rule, any social norm, and we have to keep the Constitution in mind so it's not a level playing field [for wardens]."

Both Flowers and Golie emphasized that simply because someone is a talented and successful hunter does not make him or her a poacher.

"There are a lot of people who are just good at it and love to hunt and fish and are doing everything right." Flowers said

owning the finest gear and wanting recognition as the best at what they do.

"They are not lazy. They'll walk eight or nine miles just to trespass looking for antlers or game. You cannot out hike them because of that drive and focus," Golie said.

Rather than avoiding game wardens, 1-percenters try to maintain close relationships with authorities in an apparent attempt to manipulate perceptions and garner knowledge on law enforcement activities.

Nearly all 1-percent poachers are male and exhibit nervous, paranoid, suspicious and, at times, volatile personalities. They defy authority in many aspects of life while rationalizing their violation of laws and regulations.

In their personal lives, 1-percenters are selfish, controlling and manipulating. They make friends easily but cannot maintain relationships due to volatile personalities. Romantic relationships fail illegal activities."

The spectrum of poachers ranges from mere opportunists to nearly professional. While many wardens in Eliason's research disagreed with the word "profile," which connotes illegal racial profiling, a characteristic portrait proves important for law enforcement techniques and questioning.

"People can be addicted to most anything, just like some individuals are addicted to drugs or some to Internet pornography. If they're devoting a huge amount of time and becoming obsessed, then poaching can meet that definition," Eliason said.

As Golie talked with Eliason and delved deeper into the minds, backgrounds and characteristics making up the 1-percenters, he laid his character portrait on top of the clinical profile of a sociopath and found some striking similarities. He now believes a 1-percenter starts as a sociopath, manifesting his disorder in poaching. right," Flowers said.

Communities play an important role in providing information on suspected poachers, but rumors that trophy animals are poached often run rampant in the hunting world. Determining where to devote resources is critical, Flowers said.

Golie hopes the serial poacher portrait, developed during a two-decade career and with input from other experienced wardens, will help younger wardens recognize a 1-percenter and adjust tactics accordingly.

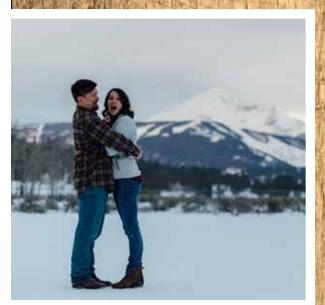
What ultimately gets 1-percenters caught is greed. They take risks in the insatiable illegal pursuit of trophy wildlife, and while calculating, sometimes that drive pushes them just far enough that they trip up and get caught. A warden must be there when it happens.

"It takes a lot of hard work and psychology—you're not going to just walk up and catch them redhanded," he said.













and remember ...

BEHIND EVERY GREAT MAN IS A SURPRISED WOMAN.

- Maryon Pearson

40

EVENTS CALENDAR

PLANNING AN EVENT? LET US KNOW! EMAIL MEDIA@THEOUTLAWPARTNERS.COM, AND WE'LL SPREAD THE WORD.

FRIDAY. MAY 27 -**THURSDAY, JUNE 9**

*If your event falls between June 10 and June 23, please submit it by June 3.

Big Sky

FRIDAY, MAY 27 Trivia Night Lone Peak Cinema, 8 p.m.

MONDAY, MAY 30 Monday Night Pig Roast 320 Guest Ranch. 5 p.m.

American Legion Post 99 Meeting Lone Peak Theater, 5:30 p.m.

TUESDAY, MAY 31 Spring Bingo The Gallatin Riverhouse Grill Early Bird 6 p.m., Regular 6:30 p.m.

WEDNESDAY, JUNE 1

Tickets on sale-Big Sky PBR bigskypbr.com, 9 a.m.

Riverside BBQ & Wagon Ride 320 Guest Ranch, 5:30 p.m.

THURSDAY, JUNE 2 Biz to Biz First Security Bank, 9 a.m.

FRIDAY, JUNE 3

Summer Opening Day Big Sky Resort, all day

Trivia Night Lone Peak Cinema, 8 p.m.

SATURDAY, JUNE 4

National Trails Day Big Sky Community Park, 9 a.m.

MONDAY, JUNE 6 Monday Night Pig Roast

Bozeman

FRIDAY, MAY 27 The Vibe Quartet 406 Brewing, 6 p.m.

Doghouse Norris Hot Springs, 7 p.m.

Play: Row After Row Verge Theater, 8 p.m.

Groove Wax Eagles Lodge, 9 p.m.

SATURDAY, MAY 28

Bozeman for Bernie: March for the Manv Gallatin County Courthouse, 9:30 a.m.

GVLT Discovery Walk: Wildflower Walk Drinking Horse Mountain Trail, 10 a.m.

Robin Hood (A Puppet Show) Verge Theater, 2 p.m.

Russ Chapman Norris Hot Springs, 7 p.m.

Ferdinand the Bull Wild Joe's Coffee House, 7 p.m.

Play: Row After Row Verge Theater, 8 p.m.

Groove Wax Eagles Lodge, 9 p.m.

Juan in a Million The Filling Station, 9 p.m.

SUNDAY, MAY 29 Amber Ikeman Norris Hot Springs, 7 p.m.

Bridger Creek Boys Bozeman Hot Springs, 7 p.m.

MONDAY, MAY 30 American Legion Memorial Day Parade Downtown Bozeman, 9:30 a.m.

GVLT Discovery Walk: Kids **Boulder Climbing** Bozeman Pond Park, 5:30 p.m.

Ahn Trio The Ellen Theatre, 7 p.m.

Ray Bonneville Live from the Divide, 8 p.m.

WEDNESDAY, JUNE 1

Music & Mussels Bridger Brewing, 5 p.m.

Pickin' in the Parks The Story Mansion, 6:30 p.m.

Summer Western Series: McClintock The Ellen Theatre, 7 p.m.

THURSDAY, JUNE 2

Art Show: Montana Wilds 406 Brewing, 5 p.m.

Bluegrass Thursdays with The **Bridger Creek Boys** Red Tractor Pizza, 7 p.m.

Bluebelly Junction Bozeman Hot Springs, 7 p.m.

Modern Sons + Sigmund + Gold Leather + Vanity Plate + The Juniper Drive The Filling Station, 7 p.m.

A God or an Other + East Sherman + Cellar Vessel The Filling Station, 8 p.m.

Will Hoge Live from the Divide, 9 p.m.

Horseshoes & Hand Grenades + **Kitchen Dwellers** Eagles Lodge Ballroom, 10 p.m.

FRIDAY, JUNE 3

The Vibe Quartet 406 Brewing, 6 p.m.

Sesame Street Live:

Dash and Splash Family Fun Run Meadowlark Elementary, 9 a.m.

Sesame Street Live: Make a New Friend Brick Breeden Fieldhouse. 10:30 a.m. and 2 p.m.

Willie's Distillery Spring Pig Roast Willie's Distillery, noon

Kids Band Night Red Tractor Pizza, 6 p.m.

Alice in Rollerland Roller Derby Bout Haynes Pavilion, 7 p.m.

Heather Lingle Norris Hot Springs, 7 p.m.

WYOmericana Caravan Tour featuring Sneaky Pete & the Secret Weapon The Filling Station, 9 p.m.

SUNDAY. JUNE 5 Jack and Kitty Norris Hot Springs, 7 p.m.

MONDAY, JUNE 6 Tom Kirwan Red Tractor Pizza, 6:30 p.m.

Movie Screening: Austin Powers Eagles Lodge Ballroom, 8:30 p.m.

TUESDAY, JUNE 7

Tours for Tots: Super-sized Sauropods Museum of the Rockies, 10 a.m.

Bogert Farmers Market Bogert Park, 5 p.m.

Cacking Eagles Stand Up Comedv Show & Open Mic Eagles Ballroom, 8:30 p.m.

WEDNESDAY, JUNE 8

Tours for Tots: Super-sized Sauropods

Mathias Bozeman Hot Springs, 7 p.m.

Grant Farm The Filling Station, 9 p.m.

RECURRING EVENTS:

Pints with Purpose Bridger Brewing, Mondays at 5 p.m.

Improv on the Verge Verge Theater, Mondays at 7 p.m.

Burgers & Bingo Eagles Lodge, Friday Nights at 5:30 p.m.

Open Mic Night The Haufbrau, Sundays, Mondays, and Wednesdays at 10:30 p.m.

Karaoke American Legion, Mondays at 9 p.m.

Karaoke Eagles Lodge, Thursdays at 8:30 p.m.

Yoga for All Bozeman Public Library, Tuesdays at 11 a.m and 12 p.m.

Open Mic with Eric Bartz Lockhorn Cider House, Tuesdays at 7 p.m.

Bingo American Legion, Wednesdays at 7 p.m.

Free Friday Nights: Children's Museum Children's Museum, Fridays at 5 p.m.

Livingston & Paradise Vallev FRIDAY, MAY 27 Comstock Lode Neptune's Brewery, 5 p.m.

320 Guest Ranch, 5 p.m.

TUESDAY, JUNE 7

Spring Bingo The Gallatin Riverhouse Grill Early Bird 6 p.m., Regular 6:30 p.m.

WEDNESDAY, JUNE 8

Gallatin Canyon Women's Club: Wings Over Big Sky GCWomensClub.org for location, 1 p.m.

Riverside BBQ & Wagon Ride 320 Guest Ranch. 5:30 p.m.

Music Mondays with Amber Ikeman Red Tractor Pizza, 6:30 p.m.

Improv on the Verge Verge Theater, 7 p.m.

TUESDAY, MAY 31 Date Night with Live Piano Music by Tyler Shultz John Bozeman's Bistro, 5 p.m.

Hops & History: Cereal in Your Glass Museum of the Rockies. 5:30 p.m.

Make a New Friend Brick Breeden Fieldhouse, 6:30 p.m.

Alex & Dan: Guitar Duo Red Tractor Pizza, 7 p.m.

Tommy Georges Norris Hot Springs, 7 p.m.

D.O.A + Stranded by Choice + Battlestations + Heterophobe The Filling Station, 8 p.m.

Fruition The Filling Station, 9 p.m.

SATURDAY, JUNE 4 National Trails Dav Bozeman Pond Park, 9 a.m.

Museum of the Rockies, 2 p.m.

Pickin' in the Parks The Story Mansion, 6:30 p.m.

Stand Up Comedy Red Tractor Pizza, 8 p.m.

THURSDAY, JUNE 9 Tours for Tots: Super-sized Sauropods Museum of the Rockies, 10 a.m.

Gallatin County Democratic Party Convention Bozeman Senior Center, 6:30 p.m.

Bluegrass Thursdays with The **Bridger Creek Boys** Red Tractor Pizza, 7 p.m.

Bramble & Rye Uncorked, 7 p.m.

Big Ol' The Murray Bar, 9 p.m.

Milton Menasco & The Big Fiasco Chico Hot Springs, 9 p.m.

SATURDAY, MAY 28 Neil Filo Beddow Katabatic Brewery, 5:30 p.m.

Paige & The People's Band The Murray Bar, 9 p.m.

Milton Menasco & The Big Fiasco Chico Hot Springs, 9 p.m.

SUNDAY, MAY 29 Mike Murray The Murray Bar, 5 p.m.

MONDAY, MAY 30

Livingston Memorial Day Golf Outing Livingston Golf and Country Club, 9 a.m.

Mike Murray The Murray Bar, 5 p.m.

Cottonwood Line Neptune's Brewery, 5 p.m.

Bluegrass Jam Katabatic Brewery, 5:30 p.m.

TUESDAY, MAY 31

Beer For a Cause: Youth Dynamics Katabatic Brewery, all day

WEDNESDAY, JUNE 1

WSE's Livingston Farmers Market Sacagawea Park Bandshell, 4:30 p.m.

Tim Fast Katabatic Brewery, 5:30 p.m.

THURSDAY, JUNE 2 Shelter Day RX Coffee, all day

Denny Earnest The Murray Bar, 8:30 p.m.

FRIDAY, JUNE 3 Shelly Besler Uncorked, 7 p.m. Dying City: Live Theatre Production The Buckhorn Saloon & Theater, 8 p.m.

Tessy Lou & The Shotgun Stars Chico Hot Springs, 9 p.m.

One Leaf Clover The Murray Bar, 9 p.m.

SATURDAY, JUNE 4 Show & Shine: Car Show Main Street Livingston, 8 a.m.

Parks & Trails Cleanup Day Civic Center, 8:30 a.m.

Living History Day & Exhibit Openings Yellowstone Gateway Museum, 10 a.m.

Aaron Williams Katabatic Brewery, 5:30 p.m.

Dying City: Live Theatre Production The Buckhorn Saloon & Theater, 8 p.m.

Tessy Lou & The Shotgun Stars Chico Hot Springs, 9 p.m.

Canyon Collected The Murray Bar, 9 p.m.

EVENTS & ENTERTAINMENT

SUNDAY, JUNE 5 Dying City: Live Theatre Production The Buckhorn Saloon & Theater, 3 p.m.

MONDAY, JUNE 6

Live Music: TBA The Murray Bar, 5 p.m.

Bluegrass Jam Katabatic Brewery, 5:30 p.m.

TUESDAY, JUNE 7 Beer For a Cause: Friends of Livingston Public Library Katabatic Brewery, all day

WEDNESDAY, JUNE 8 City Pool Opening Sacagawea Park, all day

WSE's Livingston Farmers Market Sacagawea Park Bandshell, 4:30 p.m.

Matt Woods & Adam Lee The Murray Bar, 7 p.m.

THURSDAY, JUNE 9 Travis Yost Katabatic Brewery, 5:30 p.m.

Joe & Vicki Price The Murray Bar, 8:30 p.m.

West Yellowstone

FRIDAY, MAY 27 Earthquake Lake Visitor Center Opening Day

SUNDAY, MAY 29 Adult Co-Ed Volleyball West Yellowstone School Gym, 7 p.m.

MONDAY, MAY 30 Knit Night Send it Home, 6 p.m.

Yoga for Everyone Povah Center, 6:15 p.m.

Martial Arts Classes Povah Center, 5:30 and 6:30 p.m.

Water Aerobics Holiday Inn, noon

TUESDAY, MAY 31 Martial Arts Classes Povah Center, 5:30 and 6:30 p.m.

WEDNESDAY, JUNE 1 Martial Arts Classes Povah Center, 5:30 and 6:30 p.m.

SUNDAY, JUNE 5 Adult Co-Ed Volleyball West Yellowstone School Gym, 7 p.m.

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MONDAY, JUNE 6 Knit Night

Send it Home, 6 p.m.

Yoga for Everyone Povah Center, 6:15 p.m.

Martial Arts Classes Povah Center, 5:30 and 6:30 p.m.

Water Aerobics Holiday Inn, noon

TUESDAY, JUNE 7 Martial Arts Classes Povah Center, 5:30 and 6:30 p.m.

WEDNESDAY, JUNE 8

Martial Arts Classes Povah Center, 5:30 and 6:30 p.m.

RECURRING EVENTS:

West Yellowstone Historic Walking Tour West Yellowstone Historic District, daily

Experiencing Wildlife in Yellowstone West Yellowstone Visitor Center, daily, 9:30 a.m.

Afternoon Talk with a Yellowstone Park Ranger The Grizzly and Wolf Discovery Center, daily, 2 p.m.

Explore Yellowstone! With a Yellowstone Park Ranger West Yellowstone Visitor Center, daily, 9 a.m.



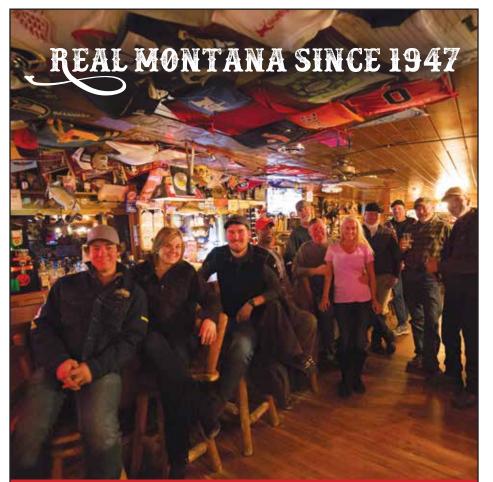
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Lineups announced for ninth annual Headwaters Country Jam Headliners include Joe Nichols, Tyler Farr and Lee Brice

TOWNSQUARE MEDIA

Practice your two-step, because Headwaters is back. Daily lineups have been announced for the ninth annual Headwaters Country Jam festival, and tickets are now available. Both Friday/Saturday and Saturday only tickets can be purchased for the festival, held June 16-18 at The Bridge near Three Forks, Mont.

In addition to general admission and VIP packages, including two weekend tickets and a campsite, new this year the festival has released two-day tickets (Friday/Saturday) as well as those for Saturday only.

Headwaters Country Jam features world-class entertainment and on-site camping in the picturesque Montana landscape near Three Forks. The three-day festival has established itself as a must-do for country music fans, and in 2015 the blog "Unbelievab.ly" named Headwaters Country Jam "... one of 10 events every Montanan should experience."

Past festivals have featured performances from superstars, legends and the hottest rising newcomers in country music including Clint Black, Trace Adkins, Eric Church, Montgomery Gentry, Eli Young Band, Joe Diffie, Sammy Kershaw, Lonestar, and The Charlie Daniels Band, among many others.

Visit beadwaterscountryjam.com for more information about the Headwaters Country Jam.



Lee Brice will perform as one of three headliners at the ninth annual Headwaters Country Jam in mid-June. PHOTO BY RYAN SMITH

Daily lineups on the Main Stage:

Thursday: Headliner Joe Nichols, along with Darryl Worley, Annie Bosko and the Devon Worley Band

Friday: Headliner Tyler Farr, along with Mark Chesnutt, Stephanie Quayle, Tim Montana & The Shrednecks and Laney Lou & The Bird Dogs

Saturday: Headliner Lee Brice, along with Chase Bryant, Halfway to Hazard, Logan Brill and The Hawthorne Roots

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Gallatin Valley Land Trust hosts trail exploration series

GALLATIN VALLEY LAND TRUST

BOZEMAN - The Gallatin Valley Land Trust has worked hard over the last 26 years to build an extensive 80-mile trail system that connects Main Street in Bozeman to the surrounding mountains.

The Main Street to the Mountains system has trails for all abilities accessible from neighborhoods all over town, yet it can be daunting and confusing to newcomers or novice users. And even experienced trail users in Bozeman are probably unaware of all the trails in our backyard.

In order to help people explore the community trail system, GVLT is hosting its second season of Discovery Walks: Trail Exploration Series through July. Join GVLT volunteers to walk, talk and explore on the trails while meeting new people and learning something new along the way. These one-hour, guided educational walks are free and open to the public.



The Montana Outdoor Science School is leading a number of walks in Bozeman this summer as part of Gallatin Valley Land Trust's Discovery Walks: Trail Exploration series. PHOTO BY DIANA PROEMM

Volunteers and local experts will host short talks and activities during

Don't be late, it's a very important skate Alice in Rollerland bout June 4

GALLATIN ROLLER GIRLZ

The Gallatin Roller Girlz gaze into the looking glass to face off against themselves for a topsy-turvy intra-league bout called Alice in Rollerland.

On Saturday, June 4 the Gallatin Roller Girlz teams Mountain Mayhem and Bozeman Brawlers become the Mad Hatters and the Jabberwockies at the Gallatin County Fairgrounds' Haynes Pavilion. This will be the first bout for many of the recent Fresh Meat Boot Camp graduates, so come out and cheer them on with all the zeal and bloodlust of the Queen of Hearts.

Tweedledum and Tweedledee join Alice, the March Hare, Cheshire Cat, and White Rabbit for this Alice in Wonderland-themed event. Costumed attendees are encouraged and those aged 18-plus get first crack at limited trackside seating—aka Suicide or Nose Bleed seats. Everyone in costume will receive a coupon for free ice cream.

This family friendly event features a dynamic halftime show with local artists Fire in the Attic, food by Bubby's, a no-host bar by Bar IX, raffles, games and prizes. Music will be provided by DJ Chachi.

Doors open at 7 p.m. for the 7:30 p.m. bout with an after party to follow at Bar IX. A portion of the proceeds from this event will benefit Big Sky Youth Empowerment, providing opportunities to teenagers in order to foster self-reliance, critical thinking skills, and community participation throughout Gallatin County.

Tickets for Alice in Rollerland can be purchased at Cactus Records and Gifts and at grgderby.com. Kids 10 and under are free.

The Gallatin Roller Girlz is a 501(c)(3) federal nonprofit and achieved Women's Flat Track Derby Association full member status in September 2015. For more information about women's flat track roller derby and the Gallatin Roller Girlz, check them out on Facebook at GallatinRollerGirlz or at grgderby.com.



the walks about topics including yoga, bird identification, wildflower identification, bouldering, art and more! Many of the walks, like the kids' nature walks with the Montana Outdoor Science School, are geared toward families and kids. All participants will get a free trail map at the end of the walk so they can find other trails to explore on their own.

Trail walks do not require an RSVP. Dogs are not allowed on walks.

The full schedule for May-July is located at gvlt.org/events/discoverywalks. Meeting locations for walks and Google maps are also located on the website. For more information or to volunteer, email EJ Porth, ej@ gvlt.org or call (406) 587-8404 ext. 8.

Gallatin Valley Land Trust builds, maintains and enhances trails on the Main Street to the Mountains trail system in Bozeman. For more information or to find out how to purchase a trail map, visit gult.org.

Lukas Nelson and POTR return to Big Sky

BY AMANDA EGGERT EBS STAFF WRITER

BIG SKY – Lukas Nelson and Promise of the Real will kick off the Big Sky Professional Bull Riders event with a Thursday night Music in the Mountains performance.

Brian Hurlbut, executive director for the Arts Council of Big Sky said he expects a strong turnout at the July 28 concert given Nelson's ties to the area and the band's swelling momentum.

POTR has recently toured and recorded with Neil Young, garnered the attention of Rolling Stone magazine, and used their platform to support several nonprofits and shine light on social ills.

POTR—billed as cowboy hippy surf rock—headlined Big Sky PBR in 2012 and played a "celebration of life" concert last fall in Jackson in memory of Luke Lynch and Stephen Adamson, two Teton Valley locals who died in a May 2015 avalanche on Mount Moran. The concert helped raise \$60,000 for Teton Valley Search and Rescue and the Jenny Lake Ranger District.

"I think it's going to be one of the biggest shows of the summer," said Hurlbut, who heads up Music in the Mountains booking. "Word of mouth is out on what a great live show [POTR] puts on."

Hurlbut said POTR's music broadly falls under the umbrella of "guitar rock"—but there's a twist. "They have an interesting lineup in terms of instruments," he said. "They've got a percussionist,



Lukas Nelson and Promise of the Real released "Something Real" in March. It was recorded in San Francisco's famed Westerfield Mansion (pictured). PHOTO BY JIM ECKENRODE

which you don't see a lot [and he] gives them a little more versatility.

"Lukas himself is an amazing guitar player who can kind of do it all," Hurlbut added.

Nelson, who is also the band's lead vocalist, was joined by his brother Micah on their latest recording, "Something Real." The band is rounded out by Anthony LoGerfo on drums, Corey McCormick on bass and Tato Melgar on percussion.

"I grew up with a lot of interesting people, so I couldn't help but be inspired," says Lukas, who

along with Micah is the son of outlaw country great Willie Nelson. A string of big-name musicians floated through his young life.

Lukas counts Kris Kristofferson among his mentors. Mark Rothbaum, his father's manager, served as a godfather, quasi-guardian and encyclopedia at various turns, and Nelson says Johnny Cash and Waylon [Jennings] "were always there."

Some of the outlaw spirit of his father's generation is present in the younger Nelson's leanings as well. POTR is active on a number of social issues and has played countless benefit concerts over the years. Lukas has been particularly active in social justice and environmental issues.

And he's looking forward to the Big Sky show. "I've got a lot of good friends down there," Lukas said. "I'm excited."

"I think it's going to be a great addition to the [PBR weekend] and hopefully it's something we can continue from year to year," Hurlbut said.

Music in the Mountains performances take place at Town Center Park on Thursday nights through the summer. The Black Lilies will play first show of the season on June 23. All shows are free and open to the public.

Big Sky PBR tickets go on sale June 1at bigskypbr.com. The Outlaws will play after the bull riding July 29 and Jason Boland and the Stragglers will take the stage on July 30.

Heart of the Valley's 'Dog Ball' highlights shelter's success

BY TAYLOR-ANN SMITH EBS STAFF

BOZEMAN – Heart of the Valley animal shelter on May 21 hosted its annual fundraising event called the "Dog Ball," at Montana State University's Strand Union Building ballroom. The evening featured an array of silent auction items donated by area businesses, such as tickets to the Big Sky Pro Bull Riders event, spa packages and vacations.

Bozeman's Plonk hosted an open bar and after enjoying a gourmet meal catered by MSU, guests had another opportunity to support the

shelter during a live auction. Items included an all-expensespaid trip to the Westminster Dog Show in New York City; a day of skiing or golfing at the Yellowstone Club; and a weeklong rafting trip with Boundary Expeditions on the Middle Fork of the Salmon River.

of Heart of the Valley's board of directors. "Not only is this a huge fundraising event, it's a major outreach opportunity for us and allows us to express [to the community] what we do."

The success of this year's Dog Ball is only eclipsed by the number of animals Heart of the Valley has helped in 2016. As of May 21, 295 cats have been given new homes, with an average stay of 19 days at the shelter. During that same timeframe, 240 dogs have been adopted with an average stay of nine days. Every year, the shelter finds new homes for approximately 2,500 dogs and cats.

The successful adoption rate can be attributed to Heart of the Valley's caring staff, state of the art



With more than 200 attendees, Heart of the Valley's annual Dog Ball helped raise funds to support the shelter's operations budget. PHOTO BY WES OVERVOLD

With a "Mission: It's Pawsible" theme, the room was elegantly decorated in red, black and gold. More than 200 guests arrived to the red carpet in their best formal attire and were greeted at the ballroom entrance with mixed-breed puppies available for adoption. All proceeds from the evening went

directly to support the operations of Heart of the Valley, which was still totaling the funds as of EBS press time.

"I want to give a huge thanks to the community for all their support in making this event so wonderful," said Dawn Leadbetter, president facilities, devoted volunteers and fundraising, as well as its numerous community programs.

The shelter has a spay and neuter clinic; school education tours; summer day camps for kids; obedience training courses; food assistance for those struggling to afford their pet, as well as sheltering animals from Montana Native American reservations.

Heart of the Valley's mission statement is "to compassionately shelter the lost and surrendered pets of Gallatin and Madison valleys, and to enhance the lives of people and companion animals through adoption and education."

The 2016 Dog Ball accomplished this mission and proved "it's pawsible" for rescued animals in southwest Montana.

Visit heartofthevalleyshelter.org for more information.

GEAR REVIEW



Ersin, flying low PHOTO BY JOSEPH T. O'CONNOR

Flylow Maclean Windbreaker

A perfect jacket for shoulder seasons in the Greater Yellowstone, the Maclean has been my go-to windbreaker this spring. Accompanying me on windy mountain hikes, afternoon skateboard sessions with my dog, and even on morning walks in light rain, it also travels well.

And Flylow's Intuitive S/G Lite fabric combines wind resistance with durability, making for a strong jacket that can take a beating.

My top five favorite features:

Breathability - The 100 percent polyester shell is not too hot in the sun, and just warm enough in cooler temps.

Packs well. The Maclean hardly taking up space in a daypack, computer bag or stuffed into a fishing vest pocket.

Lightweight - The denier, or thickness of fibers used to weave the fabric, is feather light. With 25D ultra light fabric, you don't even notice you're wearing it.

Simple design – Really, all you need is a YKK zipper, hood cinches and two pockets.

It's fresh! - It fits well and looks good. I hear "nice jacket" every time I wear the Maclean. - Ersin Ozer

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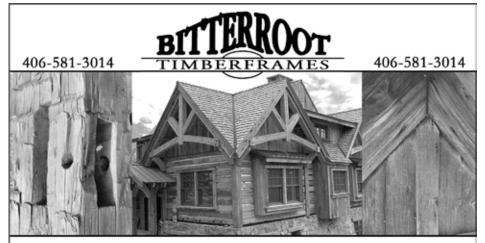
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BY TAYLOR-ANN SMI **EBS GRAPHIC DESIGNER**

Find out what tunes we're bumping! In Big Sky Beats, Explore Big Sky staff offers suggested tracks for your next playlist. Whether you need to freshen up your music library, want to expand your collection, or just need some tunes for a summer barbecue, we've got you covered.

The amount of rain and number of cloudy days in May have me wondering if summer will ever arrive. The weather has me craving trail walks, lemonade and swimming pools more than ever.

Some of my favorite genres to listen to while enjoying the heat are EDM and alternative rock, but there are also a number of country songs that get me in the summer spirit with their lyrics about back roads and sunshine.

My favorite summer country song is "Sunny and 75" by Joe Nichols. His lyric, "You're like the fast lane West bound, you feel like a windows rolled down. I cant wait until we get there, somewhere sunny and 75," always makes me want to take a road trip to the West Coast and grab a cocktail on the beach.

This playlist includes songs I'll be playing to get into the summer mood:

- 1. "Raindrops Hotel Garuda Remix," SNBRN
- 2. "This Love," Joe Garston
- 3. "Wayfarer Weather," Chase Bryant
- 4. "Sunny and 75," Joe Nichols
- 5. "The Sound," The 1975
- 6. "Lush Life," Zara Larsson
- 7. "The Key," The Knocks
- 8. "Born Ready-Halogen Radio Edit," Disco Fries
- 9. "What You Waiting For feat. Sugarwhiskey," Gazzo

Visit explorebigsky.com/beats for a sampling of the playlist.

American Life in Poetry: Column 583

BY TED KOOSER, U.S. POET LAUREATE

At some moment every day I call up a memory of one or another of my family members who have passed on, so I was especially taken with this poem by Tim Nolan, who lives in Minnesota. His forthcoming book is "The Field," (New Rivers Press, October, 2016).

My Dead By Tim Nolan

They grow in number all the time The cat, the Mother, the Father The grandparents, aunts, and uncles

Those I knew well and hardly at all My best friend from when I was ten The guy who sat with me in the back

Of the class where the tall kids lived Bill the Shoemaker from Lyndale Avenue The Irish poet with rounded handwriting

They live in The Land of Echo, The Land Of Reverb, and I hear them between The notes of the birds, the plash of the wave

Sudoku

Fill in the grid so that every row, column and 3x3 box contains the numbers 1 through 9.

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On the smooth rocks. They show up When I think of them, as if they always Are waiting for me to remember

I drive by their empty houses I put on their old sweaters and caps I wear their wristwatches and spend

Their money. So now I'm in six places At once—if not eighteen or twenty So many places to be thinking of them

Strange how quiet they are with their presence So humble in the low song they sing Not expecting that anyone will listen

We do not accept unsolicited submissions. American Life in Poetry is made possible by The Poetry Foundation (poetryfoundation.org), publisher of Poetry magazine. It is also supported by the Department of English at the University of Nebraska-Lincoln. Poem copyright ©2015 by Tim Nolan, "My Dead," (The New Republic, August 14, 2014). Poem reprinted by permission of Tim Nolan and the publisher. Introduction copyright ©2016 by The Poetry Foundation. The introduction's author, Ted Kooser, served as United States Poet Laureate Consultant in Poetry to the Library of Congress from 2004-2006.

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BACK 40

Explore Big Sky

BACKEI

For Explore Big Sky, the Back 40 is a resource: a place where we can delve into subjects and ask experts to share their knowledge. Topics include regional history, profiles of local artists and musicians, snow and avalanche education, how-to pieces for traditional or outdoor skills, and science.

Noun: wild or rough terrain adjacent to a developed area Origin: shortened form of "back 40 acres"

Hitting the chains Disc golf under the Big Sky

STORY AND PHOTOS BY WES OVERVOLD EBS STAFF

As the sun sets on a Montana spring day—morning snow showers followed by T-shirt weather in the evening—I grab my collection of technicolored discs and hike over to Bozeman's Rose Park for a quick round of disc golf.

Hosting 12 holes that are pockmarked with prairie dog burrows, the Rose Park course is tucked neatly amidst the sprawling development of Bozeman's North 19th Avenue corridor. The course also represents what's driving this area's growth: a desire to take in the sights, smells and sounds of Montana's expansive landscape and disc golf is a perfect way to do that.

On any given day, Rose Park experiences a constant stream of disc golfers often accompanied by four-legged caddies keeping the ground-dwelling spectators at bay.

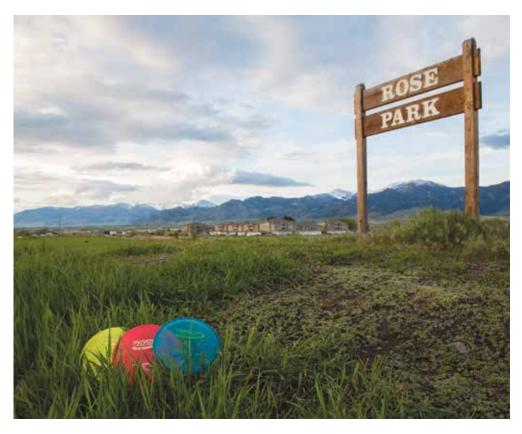
In the past two decades, disc-golf courses have become staples in growing, active communities throughout the country, and southwest Montana is no exception. With seven different nine-, 12- and 18-hole courses around Bozeman, Bridger Canyon, and Big Sky, there are many opportunities to combine the challenges of the game with a walk through Montana's forests and meadows. The discs are unique to the game and divided into three categories: driver, mid-range, and putter. Drivers have a flatter, aerodynamic design to slice through the air and glide the farthest. Thrown from a "tee box" made of concrete, mulch or just a patch of dirt, the driver performs best with a powerful yet controlled throw.

Mid-range discs are more stable and easier to handle for throws that require better accuracy than a drive, but still offer considerable glide. These discs are recommended for those just entering the sport who are looking for a one-size-fits-all approach.

For the final toss, disc golfers use a putter that most resembles the classic "Frisbee-style" disc, designed to fly straight, slow and predictably. Putters give you the best chance to hit the chains hanging in a 4-foot-tall basket serving as "the hole."

Within these three disc categories exist a seemingly infinite number of alterations in weight distribution, edge design and materials. Each design is meant to give the disc a different flight path, and highlight factors such as speed, glide, turn and fade. These differences, however, won't affect the overall enjoyment of hearing the chains jingle as your disc lands squarely in the basket.

The Rose Park course isn't considered the most challenging





Since its inception in the 1960s, the growing popularity of disc golf has been largely attributed to its accessibility. Courses are often free, the equipment required is both affordable and minimal, and people of every skill level can enjoy playing.

Disc golfers range from serious aficionados, toting upwards of 50 discs in their bags, to the casual recreationalist with a borrowed disc or two. The sport allows participants to take an approach that best fits their lifestyle, as well as competitive spirit. in the area—the main hazard is the distracting view of the Bridger Mountains—but it does have all the elements that make this sport so popular: a combination of spending time outdoors and enjoying the surrounding landscape.

Much in the way "ball golf" is utilized as an excuse to be active, socialize and improve your skills, disc golf provides the opportunity to compete in tournaments, or offers just another excuse to unwind and soak up the day's last bit of sunshine.

Visit dgcoursereview.com for information on disc golf courses in the area, and find the tee box nearest you.

ABOVE: Rose Park offers a great opportunity to enjoy the sunset over the Gallatin Valley while playing a quick round of disc golf.

BELOW: On a hillside above Big Sky's Meadow Village, the Bighorn Ridge course incorporates elevation with a mix of open and forested holes.