

PHILMONT NEWS

JULY 11TH, 2014

76 YEARS OF
PHILMONT

ISSUE SIX



92nd Maverick Club Rodeo

Cassidy Johnson/Photographer

Dallas Elmore
Staff Writer

This year's Fourth of July Maverick Club Rodeo in Cimarron was sponsored by Philmont in more ways than one.

Philmont's involvement with the Maverick Club and the rodeo reaches back to the beginning of the civic organization in 1922. Waite Phillips was a founding member of the club and an advocate for preserving cowboy and rodeo culture. Once Philmont was passed to the Boy Scouts, Ranch staff began joining the Maverick Club and contributing time and resources to not only the Cimarron area but the rodeo as well.

"Philmont has been a part of the rodeo since our inception," said John Clark, the General Manager of Philmont.

Clark is also serving as the Maverick Club vice president for



Morgan Court/Photographer

A cowboy parades the American flag around the ring during the Fourth of July Rodeo in Cimarron.

2014. He is joined by well over a dozen full-time Philmont staff who are listed on the club's membership roster. These roles aren't the only key resource Philmont delivers to the

rodeo.

"We help with the general maintenance on the rodeo grounds, painting the bleachers and furnishing

Continued on page 3

Roping, Riding and Wrangling

Kyle Nutter
Staff Writer

Rodeos are the Olympics of the West. Contestants from near and far come for organized competitions. Prizes return home with the winners and a good time is had by all.

The Maverick Club hosted its 92nd rodeo on July 4. It is the longest running open rodeo in the West. Its survival stems from the familiarity that is shared among contestants, the audience and even with strangers unacquainted with rodeos.

"I've gotten a lot of positive reactions to this year's rodeo," said Fred Cribbett, Maverick Club Treasurer. "We had a good turn-out: between 1,200 and 1,300 people."

The friendly and informal atmosphere allowed for an intimate

setting. Jokes from the press box inspired laughs on behalf of contestants and rodeo staff. Children ran along the fence surrounding the arena, pretending to be horses. Locals sipped on sweet tea while they cheered on contenders. The announcer guiltlessly admitted not knowing how to pronounce certain contenders' surnames and referred to them by first names. The scene

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Cassidy Johnson/Photographer

Participants try to ride wild horse during the Donn Davies Wild Horse Race on Friday, July 4.

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June 11-July 19

Friday, 11	Saturday, 12	Sunday, 13	Monday, 14	Wednesday, 16	Friday, 18	Saturday, 19
8 p.m. Friday Floats at the SSSAC	8 p.m. Tom Munch live concert at Baldy Pavilion	1 p.m. World Cup final live broadcast at Baldy Pavilion	8 p.m. Movie Night at Baldy Pavilion	TBA Philmont 5k beginning and ending in front of the SSSAC	8 p.m. Salsa Night at Baldy Pavilion	8 p.m. Saturday Shakes at the SSSAC

“Optimism is the faith that leads to achievement. Nothing can be done without hope and confidence.”
--**Helen Keller**

“With the new day comes new strength and new thoughts.”
--**Eleanor Roosevelt**

“Quality is not an act, it is a habit.”
--**Aristotle**

“Do you want to know who you are? Don’t ask. Act! Action will delineate and define you.” --**Thomas Jefferson**

“What you get by achieving your goals is not as important as what you become by achieving your goals.”
--**Henry David Thoreau**

“Wherever you are - be all there.”
--**Jim Elliot**

Corrections

In the article “Dallas on Days Off: Albuquerque,” it was stated that “The hub of New Mexican life and commerce, the capital offers cultural and historical activities that are offset by the area’s natural beauty.” This is incorrect: Santa Fe is the capital of New Mexico.

If any other corrections are seen please notify the PhilNews Editor by emailing philmontnps@philmontscoutranch.org or I-Camp it to News and Photo Services.

Brought to you by STEM

Listen up for the rest of the summer because STEM is out there and waiting to impress you! Beginning July 5th, each night following itinerary readout and the weather report from Ring Place, each backcountry camp will take a turn wowing the audience with impressive notes about how their camp exhibits STEM through programming.

There will be a few special guests mixed in every once and awhile, so stay tuned in at a radio around 6:30 pm each night to get your learn on.

Bear Safety Tip of the Week

Stay together during dusk and dawn. Bears and mountain lions are naturally crepuscular meaning that they are most active in the morning and at night. Therefore, it’s a poor choice to send a crew member away at these hours. Make plenty of noise while you hike to reduce the chance of surprising animals.

Rodeo Results

Bull Riding: No winners

Ranch Bronc Riding

1. Patrick Garcia
2. Parker Zimmer
3. Mark Wheeler

Mix Ribbon Roping

1. Matt Brown

Team Roping

1. Jarred Gonzales and Brandon Baca
2. Aaron Potter and Adrian Maze
3. Mark Miller and Bryan Potter
4. Den Pierce and Janson Jaramillo

Senior Barrel Race

1. Callie Joe Moore
2. Jackie Higgins
3. Loraine Escobal

Calf Roping

1. Wes Mack
2. Chase Pope
3. Chance Pope

Saddle Bronc

1. Robert Aragon

Jr. Barrels: Everyone earned a buckle

Mutton Bustin: Everyone gets a buckle

Cow Pony Race

1. Connie Harris

Wild Horse Race: No winners

Pole Bending

1. Isacc Montoya



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Welcome

Continued From Page one, Rodeo

equipment,” Clark said.

Philmont is also a financial contributor, gifting upward of \$750 for the rodeos general fund. Ultimately, the net profits generated by the rodeo are dedicated to college tuition for Colfax County high school students. Anywhere between \$5000 - \$7000 every year are given away to local youth. The Kiwanis club also raises another \$3000 to \$5000 for area youth and aid organizations by running the concessions stand.

Philmont’s commitment to the community fosters a positive relationship between Cimarron and the Scout Ranch. Especially important is the connections between the local emergency services that aid Philmont operations.

“Maintaining those ties is important,” Clark said.

As a remaining open rodeo in the country, Cimarron is a link to a part of cowboy culture that is fading from the American landscape. Helping to keep the rodeo going is an important part of Philmont’s commitment to preserving the West



Christine Henri/Photographer

Participants in the Maverick Club Rodeo warm up in the ring before the day’s events begin on Friday, July 4.

in one of its most visceral forms.

The Ranch department gave all of the Wranglers the day off to enjoy the rodeo and gain a cowboy experience unique to the Cimarron area. Several wranglers competed in barrel racing and other events.

“It’s cool to have so many ranches around [represented] and see cowboy culture,” said wrangler Alex Mott.

Other rodeo contributors appreciate Philmont’s sponsorship as well.

“We couldn’t do this without our generous sponsors, including Philmont,” said Barney Coppedge,

the bison manager at the Vermejo Ranch and a Maverick Club member.

One of the big draws at this years rodeo was a raffle for a Tooth of Time engraved Henry rifle. Tickets to enter the drawing were \$10 for a gun that has a selling price of \$600.

Like any other sporting event, the Cimarron rodeo uses music to pump up the crowd. Clark found his way into the DJ spot in 2003 and has kept up an eclectic mix of western music that matches that of any professional work.

“It’s a sport like any other: with lots of adrenaline and testosterone,” Clark said.

Philmont Museum Bike Giveaway

To register, fill out a form with your name, email and zip code at the Philmont Museum



Drawing will be Nov., 10, 2014
Winner will be notified by email

Continued From Page one, Roping

was as familiar and welcoming as a neighborhood cookout.

“Family participation is a big part to open rodeos,” said Cribbett. “Young men will ride bulls. Their fathers will compete in another event, and younger siblings participate in the children’s events.”

Advertised events included bull riding, calf roping, barrel racing, team roping, bronc riding and wild horse riding. The anticipated wild cow-milking event was cancelled due to a shortage of available livestock.

Calf roping is a popular event that involves a horse-riding cowboy lassoing a calf and tying its legs. Disqualification occurs when the tie doesn’t hold. The calf must stay down for a few seconds after the tie is applied for a time to be valid. Roping is a skill that can also be applied to catching an animal that needs medical attention.

Bronc riding is an adrenaline stirring event. Contestants ride horses bred for bucking strength. A cowboy must stay on the horse for

eight seconds. If he rides for the required time, he and the horse are separately rated on a 0-50 scale. A rider is allotted a re-ride when the horse runs instead of bucks.

The view of the Tooth of Time isn’t the only reminder of Philmont’s presence at the rodeo. Philmont co-sponsors the bull riding event with the Express Ranches.

The rules for bull riding are the same for bronc riding. This year, six bulls challenged three riders. Each rider rode two bulls, but even with a second chance, no rider stayed atop for the full eight seconds required to earn a score.

The Maverick Club Rodeo promotes healthy competition and neighborly relations. Those that enjoy the event attribute to its success. Families play a huge part as contestants and as an audience. Cimarron businesses sponsor the event to give back to the community. The informality of the event fosters a cheerfulness that occurs every Fourth of July.

Issue Five Sudoku Solutions

Beginner

6	5	4	1	3	2	7	8	9
1	3	9	6	7	8	5	4	2
8	2	7	9	5	4	1	6	3
7	1	5	3	2	6	4	9	8
4	8	2	5	1	9	6	3	7
9	6	3	8	4	7	2	1	5
3	4	8	2	6	5	9	7	1
5	9	6	7	8	1	3	2	4
2	7	1	4	9	3	8	5	6

Medium

8	3	2	7	5	9	1	6	4
4	1	6	3	8	2	5	7	9
7	5	9	1	4	6	8	3	2
2	6	3	8	7	5	4	9	1
5	9	4	2	6	1	3	8	7
1	7	8	9	3	4	2	5	6
3	8	1	4	9	7	6	2	5
6	4	7	5	2	3	9	1	8
9	2	5	6	1	8	7	4	3

Easy

1	3	4	5	2	7	6	8	9
8	7	5	4	6	9	3	2	1
2	6	9	1	3	8	5	7	4
4	5	2	7	1	3	9	6	8
3	9	1	8	4	6	7	5	2
7	8	6	9	5	2	1	4	3
5	2	8	3	7	1	4	9	6
6	1	7	2	9	4	8	3	5
9	4	3	6	8	5	2	1	7

Difficult

8	1	3	2	4	5	6	7	9
5	2	7	1	9	6	3	4	8
4	9	6	7	3	8	1	5	2
6	5	9	4	1	7	2	8	3
2	4	8	3	5	9	7	1	6
3	7	1	6	8	2	5	9	4
7	8	5	9	6	3	4	2	1
9	3	4	5	2	1	8	6	7
1	6	2	8	7	4	9	3	5

Mark's Minute: One Million Backcountry Participants

Mark Anderson

Director of Program,
Unit 2

On July 9, the one millionth participant arrived to begin a journey that will become a "wilderness and learning adventure that lasts a lifetime." Memories...

John Updike said, "You cannot help but learn more as you take the world into your hands. Take it reverently, for it is an old piece of clay, with millions of thumbprints on it."

In 1981, I hiked the trails of Philmont with Crew 618H from Beaumont, Texas. The members of the crew were Lyall, Carl, Andy, Donny, Scott H., John, Scott A., Robert, Beau and Butch. A great group of first timers. Most had never climbed a mountain or taken part in a 12 day backpacking adventure. Each had an idea of what the experience might be like after taking part in

shake down hikes and preparation activities but each was not prepared for what the 12 days would do to them and how they would change and grow. Transformational experiences...

Our trek included Antelope, Dean Cow, Ponil, Pueblano, Baldy Camp, Head of Dean, Visto Grande, Cimarroncito and Shaefer's Pass. We carried extra water jugs to the first camp feeling like one of our arms would forever be longer than the other. Someone made up a song, "Up the mountain, down the mountain, around the mountain, along the track, isn't fun to carry your pack?"

As we arrived at Ponil, Scott A. asked for the 50th time "Do they sell moleskin at Ponil?"

The trek included many great program activities like rock climbing, horse riding, branding, roping, pole climbing, tie making, gold panning, blacksmithing, wilderness survival

and conservation.

The trek also included many great hiking experiences. My journal included many comments about the unique "pile of rocks." As we climbed Baldy, the talk focused on thin air, grand views and the steep trail, an amazing climb for a crew from sea level.

Our ranger shared the Wilderness Pledge with our crew and stated that "Philmont belongs to the BSA, you are members of the BSA, you owe it to yourself to do your part, those who have been before have done their part."

As the crew descended into Base Camp from the Tooth of Time another song began to circulate through the crew, "Tent City's comin' into site, feels so good to be back. All I've thought about for the last three days is a shower and a Big Mac. It's been a hot and dusty trek, at times I thought it never would end, but here



Samantha Waidler/Photography Manager 2011

I am sittin' in Beaumont town, I know I gotta go back again." Memories...

Crew 618H: We learned, we stood in awe, reverently, and we experienced the magic! During the summer of 1981, 381,674 participants had enjoyed the experience since 1939 when 196 brave Scouts ventured to New

Mexico to take part in the new wilderness adventure of the Boy Scouts of America. Now the experience has been shared by one million.

Thank you Waite and Genevieve Phillips for your gift that has changed our lives and the lives of one million!

Dallas On Days Off: Roswell

Dallas Elmore

Staff Writer

Philmont staffers in search of days off with a hint of the other worldly should look no farther than Roswell, N.M.

If you take I-25 S and the H.W. 258, the drive is only four hours. Roswell is New Mexico's claim to alien fame.

Roswell has attracted curious tourists and die-hard conspiracy theorists since it was the sight of a supposed UFO crash in 1947.

Feeding off of its alien reputation, Roswell set up a UFO museum that hosts a research center and exhibits concerning the alien crash and cover up. The museum is open from 9 a.m. to 5 p.m. all summer and considers itself on the 'serious' side of extraterrestrial investigation.

For a more realistic venture into the stars, the city plays host to the Roswell Museum and Art Center. Outside of collections

featuring both modern and traditional art, the museum has a planetarium that offers shows Monday thru Saturday each week during the summer.

Military history enthusiasts will enjoy the New Mexico Military Institute, which is also the home of the first indoor swimming pool west of the Mississippi. Roswell was once home to a major base of the Strategic Air Command, and the importance of that history is

preserved at the Walker Aviation Museum.

A beautiful option for an overnight stay is Bottomless Lakes State Park. The first state park in New Mexico, the lakes were formed by cenotes, or underwater caves, that collapsed and left the lakes exposed. The lakes are anywhere from 17 to 90 feet deep and are popular with scuba divers. Visitors can fish, swim or camp throughout the summer.



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The Ranger Mile:

Baldy Mountain and Hidden Treasures of the North Country

Welcome to *The Ranger Mile*, a weekly column in which members of the ranger staff will profile various hiking opportunities for staff on days off.

Caleb Burns

Associate Chief Ranger

I'll be honest: this article isn't really about hiking Baldy Mountain. It's about hiking to Baldy. Hiking up Baldy is fairly straightforward, but there is a right way and a wrong way to do it. However, there are some creative ways to do it if you're up for the challenge.

The easiest way to hike to Baldy is to drive to Maxwell Turnaround and hike up from there. Fair warning: the road to Maxwell is a tough road for two-wheel drive and low clearance vehicles. Many an oil pan has been torn open because somebody was going too fast in a car that was not meant for this kind of driving. Be sure to keep your speed below 10 miles per hour, avoid the deep ruts, and be prepared to get out and move more than a few rocks. Be sure, as well, to get an early start. It's best to be off the summit and moving toward shelter by noon. Now that monsoon season is upon us, thunderstorms are to be expected everyday.

Along the way, take advantage of the opportunities at Miranda, Baldy Town, and French Henry. Stop at any or all of these camps

Things to Remember

- Always carry the ten hiking essentials and follow Philmont backcountry procedures.
- Complete a staff backcountry access permit and check the water conditions of any trail camps you plan to visit in Logistics.
- Arrange a ride back to Base before beginning your trip. Finish your hiking well in advance of your planned departure time.
- When visiting staff camps, represent your department well by treating backcountry staff and crews respectfully. Always allow participants to engage in program before you do.

to enjoy their programs, scenery, and hospitality.

For those of you who are more adventurous and have two days off, there is an excellent way for you to see Philmont's North country and still squeeze in a hike up Baldy.

Your first day will begin at Ponil Turnaround. Hike toward Ponil and take the trail to Dean Cutoff camp. After a short and easy hike with some great views, you will be ready for more of a challenge. At the three-way intersection above Dean Cutoff, take the high road. The trail branching off the south (left) side of the main trail switchbacks its

way 1,000 feet up to the top of the ridge. The higher you climb, the better the view, so take your time and enjoy the experience.

Once you reach the top, you will be on the Dean Skyline road. This remote path leads all the way to Head of Dean and is, in my opinion, the hidden gem of Philmont. Words fail when trying to describe the scene that will play out as you hike this ridge top, but to put it simply, this place is unlike any other at Philmont.

Soon, the breathtaking views of Dean Skyline will be behind you and the wonderful staff at Head of Dean will welcome you back to reality. Top off your water and carry on toward one of the camps in the Baldy country where you will spend the night.

In the morning, get up and early and start hiking. After you have started up the mountain, you might run into one of Philmont's visiting geologists. Take full advantage of the opportunity to learn about the natural history of land.

After you've made it up Baldy, descend to Copper Park and follow the South Ponil Creek all the way from French Henry to Ponil. This route will allow you to experience the full range of natural beauty that the North Country has to offer.

Happy trails.

Continued Training Schedule

Continued Trainings or CTs are training sessions put on by ranger trainers nearly every night of the summer from 6 p.m.-6:45 p.m. in the Walcott Room of the SSSAC. These sessions are fun and informative. All staff are welcome and encouraged to attend, we hope to see you there!

Dates

7/11 and 7/13

7/12

7/14

7/15 and 7/17

7/16 and 7/18

Topic

Conflict Resolution and Chaplain

Aid Development

Visiting Forester, David Godwin -

Fire Ecology

Advisor and Crew Leader

Development

Conservation Special Treks

Days Off Activities (On and Off-Ranch)

Day in the Life Philmont Bus Drivers



Tony Aguirre, Philmont bus driver.

John Mitchell/ Photographer

Scott Allen

Staff Writer

Their primary responsibility is getting campers to the turnarounds, but they do more than that. They give out compliments, help the rangers with bus talks, make people laugh and can tell you stories about Philmont that you won't hear anywhere else.

With 20 drivers, they are an important part of the daily operation at the world's largest youth camp. They are the first staff member that crews meet on their way to the backcountry and they establish the kind-hearted attitude that Philmont is famous for. An example of one of these extraordinary bus drivers is Linda "Sweet Pea" Payton.

Payton has been driving

buses for Philmont for the past 17 years. In that time, she has gotten the chance to explore every staff camp at the Ranch.

"It's all gorgeous," Payton said. "I love the Aspens in the high country, the area around Window Rock and the North country around Baldy Town. Those are some of my favorite."

The drivers get to see a lot of the Ranch on a daily basis, but their job begins early in the morning and can go all day depending on the number of crews.

"We work anywhere from 6:30 a.m. until 4 p.m., sometimes later, sometimes earlier," said Tony Aguirre, another bus driver for Philmont. "It depends on the crews coming and

Continued on page 7



Caleb Burns/ Associate Chief Ranger

A view of Mount Baldy from Dean Skyline.

Opportunities for Welding

Emet Blood
Staff Writer

This summer, the American Welding Society, a nonprofit organization, had several professional welding representatives visit Philmont with virtual demonstration welding equipment.

The organization furthers advances in the sciences and technologies of welding, and provides useful resources to those interested in a career as a welder, fabricator, or other metal worker. They gave \$400,000 for scholarships last year to students interested in working toward careers in the welding industry.

The mobile welding exhibit that was stationed here at the Ranch for a few days promoted safe welding. The goal of AWS, in relation to the Boy Scouts of America, is to offer the welding merit badge in a structured, safe environment with the help of certified professionals. The hope is that the action of educating Scouts about welding will plant the seed early and give young minds another option after high school. 238,000 welders are still needed nationwide. The men and women welders that literally built this country are counting on the next wave of strong-willed individuals to take on the challenge.

There are endless careers in welding such as underwater welders, aerospace welders and ironworkers. Due to the progress in energy technologies, the welding industry is moving toward gearing new welders for fields of focus like wind turbine welding and pipeline welding.

The AWS mobile exhibit offers an array of diverse styles of welding



Doyle Maurer/Photographer

The Weld-Ed trailer is parked at Philmont for participants and staff to learn safe welding.

processes that assistants help guide visitors through, explaining what physical reactions are occurring and why one angles the welding gun. The machine used for safe theoretical practice are top of the line: the VRTEX 360. This machine allows children and adults the opportunity to work on a weld without any danger of burns. The weld is displayed on a screen in their visor helmet on real time in accordance with their actions with the welding equipment. The goal of the game is to keep the welding gun going straight in between the two pieces and to keep the speed right so the weld is strong enough.

For the those interested in furthering their welding skills or learning more about the industry, AWS helps by giving out resources. Most community colleges and technical colleges provide adequate education for an entry level job or a chance to finish up with a bachelors at a state college in welding technologies. Unions offer a five year apprenticeship which ends with a journeyman welders certificate and a journeyman level job. The only requirements for getting started is a GED or high school diploma.

American Welding Society has forums and other web resources at www.aws.org for any further interests.



Doyle Maurer/Photographer

A participant tries his hand at digital welding during the American Welding Society's visit to Philmont.

Philmont Staff Association Announces Third Annual Writing Contest

The Philmont Staff Association (PSA) is holding its third annual writing contest for Philmont's seasonal staff members.

The deadline for submissions is July 20. The Philmont Staff Association will announce the winners on August 3. Winning entries will appear in "High Country," the magazine of the Philmont Staff Association. Composers of winning entries will also receive a gift certificate to the Tooth of Time Traders. Up to \$300 in gift certificates will be rewarded.

The judges for the contest will be a panel made up of the Publications Committee of the Philmont Staff Association. Warren Smith will chair the panel. Smith is a past editor of "High Country" and a writer for WORLD Magazine, one of the nation's largest news magazines. He has also written or edited ten books, including "I Wanna Go Back:

Stories of the Philmont Rangers."

"Last year we got a lot of great submissions, and I'm hoping that this year we'll get even more," Smith said.

The Philmont Staff Association Writing Contest will recognize a winner in the following categories:

- **Adventure Story:** Has something strange or unusual happened to you or someone you know at Philmont? A near miss or close call? A dream realized – or deferred? A crazy day-off road trip? Let us hear about it.

- **Spiritual/Personal Memoir:** From Henry David Thoreau to John Muir to Annie Dillard, the "green world" has provided powerful settings for reflection on spiritual matters. What has Philmont taught you about your life or your God?

- **Poetry:** All forms welcome.

- **Fiction:** Lew Wallace, D.H. Lawrence, Walker Percy, Willa Cather, and Zane Grey are just a few of the great novelists who have used New Mexico as a setting for fiction.

Smith offered this advice to those considering submission: "Philmont has such obvious beauty and because we love it so much, it is too easy to fall back on clichés and sentimentality," he said. "The trick to writing about Philmont, especially when you're writing for people who already know about Philmont, is to take what is familiar and somehow make it new. That's what will catch the judges' attention."

All submissions must be submitted by email, as a Microsoft Word attachment to an email. Email all submissions to wsmith@worldmag.com or randy.saunders@scouting.org by midnight, July 20, 2014. Please limit all submissions to 1,500 words.

PhilStars: Coming to a sky Near You Week of July 11-July 17

Here at Philmont, there's plenty of opportunity to observe the night sky. The solitude of the backcountry and absence of light pollution create perfect conditions for star watchers.

This summer, we're going to be posting weekly predictions and charts that discuss what to look for and when to see it. Information was taken from Astronomy.com

Scott Allen
Staff Writer

As the month of July gets into full swing, so does the Holly Moon. This evergreen plant reminds us of the immortality of nature. According to the Celts, it's a symbol of masculine energy and firmness. According to early Native American tribes, this moon was known as the Full Buck Moon because the male buck deer would begin to grow their new antlers at this time of year.

Note: The faintest magnitude, or level brightness, the naked eye can see is 6 and any number above requires a help with binoculars or a telescope. The brightest magnitude regularly seen is -13 which is a full moon.

July 11: An hour after sunset, at 8:23 p.m., the moon will be located in the southeast sky. It will be in the

Sagittarius constellation, just above "The Teapot" which is located in the center of the Milky Way during this time of the year.

July 12: The first full Proxigeon "Super" Moon will occur at 4:26 a.m. MDT. During this time, the moon will appear bigger because it's about 16,000 miles closer to Earth. Also, Mercury reaches its maximum elongation of 20.9 degrees west of the Sun, shining at magnitude +0.4 in the dawn.

July 13: Reddish Mars in the southwest sky passes 1.3° north of blue-white Spica on July 13, the spectacular finale of their triple conjunction.

July 14: On this date in 2000, a solar flare occurred near the peak of Solar Cycle 23. It was observed by Voyager I and Voyager II and is referred to today as "Bastille Day Flare."

July 15: On this date in 1975, the Apollo-Soyuz Test Project featured the dual launch of an Apollo spacecraft and a Soyuz spacecraft on the first joint Soviet-United States human-crewed flight. It was both the last launch of an Apollo spacecraft, and the Saturn family of rockets.

July 16: 45 minutes before sunrise, at 5:19 a.m., Venus and Mercury will be within 6.2 degrees of one another in the east-northeast sky with Betelgeuse laying below and to the right. Betelgeuse is the ninth-brightest star in the night sky and the second-brightest in the Orion constellation.

July 17: On this date in 1975, the Apollo spacecraft and Soyuz spacecraft dock with each other in orbit, marking the first link-up between the two nations.

PSA Seasonal Staff Scholarship

The Philmont Staff Association Seasonal Staff Scholarship program has steadily grown over the past seven years.

More dollars for college expenses have been awarded each year, and more Philstaff have submitted applications for these funds.

Both trends continued last summer. 120 summer staff applied for the PSA Seasonal Staff Scholarships in 2013. Thanks to our members' generosity, the PSA awarded a total of \$45,000 to 46 recipients last year.

The Philmont Staff Association is working hard to make 2014 an even bigger year for the Seasonal Staff Scholarship program. There will be more funds available for you to use for school expenses. However, you need to apply.

Forms are available around the Ranch, including the Silver Sage Staff Activity Center and the PSA office. Scholarship awards of \$500 for 1st year staff, \$1,000 for 2nd year staff, and \$1,500 for 3rd year staff will be made for the Fall of 2014 – Spring of 2015 academic year.

Payment of the scholarship will be distributed directly to the school. Applications are due August 31, 2014.

Over the past five years, \$150,000 was been awarded to Philstaff. First-year staff to seasoned veterans, Wranglers to PTC staff to Rangers, freshmen to graduate school students, the Philmont staff has been well represented amongst the scholarship winners.

All college and post-secondary education students are encouraged to apply this year.

Continued From Page Five, Bus Drivers

going ... Ponil gets quite a bit of traffic."

Aguirre first drove for Philmont in the mid 70's until the early 80's when he became a local police officer. He said he's seen the Ranch change drastically in that time.

"Philmont has really been kicking in different programs," Aguirre said "They've built a lot more structures from what I can see. The biggest difference I've noticed is that the facilities here have gotten a lot better and much more people oriented."

The drivers for Philmont are contracted from Durham School Services in Cimarron and they require a CDL license to operate the buses. They have a schedule of the buses that comes out the day before.

"Usually our schedules come out the evening before, so we know where we're headed in the morning," Aguirre said. "And usually at about 11 a.m. or so, we'll get our afternoon


schedule."


While waiting, a lot of the drivers will read a book or chat with the staff and crew. Aguirre said his favorite part is the people.

"I love meeting new people and teasing the heck out of them," Aguirre joked. "These rangers they say 'we use these telephone lines as zip lines' and I'll say 'well I haven't seen one yet.' ... It's the people, it's definitely for the people. You

meet new people along the way and see a lot of personalities and attitudes. There's different clientele. They're more respectful and there's pride in what they do."

The drivers can average about 150 miles per day, according to Aguirre. They work hard and are examples of how a Philmont staff should act. Next time you see one, be sure to say hello and listen to one of their interesting stories.



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Mining Through History

Emet Blood & Scott Allen
Staff Writer

The mining camps are some of the most diverse staff camps on the Ranch, offering three different activities: gold panning, mine tours and blacksmithing. The two mining camps at Philmont are French Henry and Cyphers Mine.

Staffers start their activities in the morning as early as 7:45 a.m. for the crews that choose to get there earlier than the average crew.

The French Henry staff can fit in about eleven crews in a day if each crew gets around 45 minutes at each activity. The camp wraps up the programs by 5 p.m. so they can eat dinner. Afterward, two staffers go to the local trail camp, Copper Park, to hold evening program. Evening program for French Henry camp is new this year, and the staffers are really excited about the results so far. The two staffers go tell crews ghost stories and other tales about the area around French Henry before heading back for the night.

“Because it’s a trail camp, the staffers holding evening program are either welcoming

crews that will be visiting us the next day or they’re saying goodbye to crews that were with us during the day,” Marrs said.

French Henry is known for its Aztec Mine tours 15 minutes from the cabins. The mine resembles something miners would have seen every day at work back in the 1830s. The mines in the area were actively used in 1830 and off and on until the 1930s. French Henry’s mine was not as profitable as Baldy Mountain mines that raked in about \$2 million during their time of operation. This adds up to about \$5 or 6 million in today’s money. There are over 27 miles of mining tunnels in Baldy area alone. French Henry’s mine was unique though in the sense that the ores from the mine were transported by aerial tramway to the current staff camp where they would have been processed.

Cyphers Mine is known for its Contention Mine tours. The date of the camp is 1910, when Charlie Cypher from Colorado Consolidated Verde Mining and Milling Company was manager.

The area was originally mined in 1880 after Baldy Town boomed and miners looked for



Erin Irwin/Photographer

A participant of crew 6260 pans for gold at French Henry on June 30.

jobs elsewhere. Cyphers Mine was a key location because it shared similar geological traits to the Baldy Town area. Evening program for Cyphers Mine consists of an evening “stomp” that matches music from the early 1900’s time period.

There are four kinds of mining: digging, blasting, mucking and hauling. Drillers would hammer a drill bit a foot and a half before putting a piece

of dynamite in. There would be one person hammering and one person holding. After dynamiting the area, the muckers would come in and shovel the rocks into the cart. Usually, when filled, the cart would weigh about one ton and each mucker was expected to haul out 16 tons per day.

“The most dangerous job is the muckers because when you’re shoveling the ore, the roof can be unstable and fall on you,” said Anna Washburn, program counselor at Cyphers Mine. Also, the dynamite can still be active and may blow up. After mucking, the haulers come and move the carts out of the cave. The job was tough and

most miners would go weeks without ever seeing the sun, according to Austin St. George, camp director at Cyphers Mine.

“It was a pretty rough day,” said St. George. “They would get up early and go into the mine before sunrise. It was a tough job and they worked dangerous conditions.”

Both mines are important in showing campers the mining history that existed before Philmont. It’s another great example where a camp teaches something in a fun and interactive way.

“I really enjoyed seeing the history and it’s cool that it still exists for us to tour,” said Danny Lange, crew 620- RM2.



John Mitchell/ Photographer

Staff member Anna Washburne explains the history of Cypher’s Mine to Rayado participants.



Doyle Maurer/ Photographer

A Scout from crew 625103 enters the Aztec Mine at French Henry.

Mountain men and Black Powder

Emet Blood & Scott Allen
Staff Writer

Philmont is soaked in rich history involving ranchers, miners, outlaws, businessmen and trappers. These gentlemen had different lifestyles, but they had one thing in common: firearms.

An important firearm that existed during the early settlement of New Mexico was the Black Powder Rifle. It was used for hunting, trapping and protection. The Black Powder Rifle is muzzleloading, meaning that the projectile is loaded from the barrel, or opening of the gun. The black powder was the first chemical explosive and contains sulfur, charcoal, and potassium nitrate.

At Philmont, there are three camps which offer Black Powder Rifle shooting. They are Clear Creek, Miranda and Black Mountain. These camps are modeled after the early 1800s beaver trapping camps and each offer various programs.

Clear Creek, built in 1952 by Ranger Bob Grove, is an interpretive camp nestled under the shadow of Mt. Phillips. At Clear Creek, the year is 1831.

The lower cabin hosts a variety of skins, tomahawks are thrown outside. Up the hills, the black powder rifle shooting echoes through the valley, but beaver pelts are the main focus.

"It's the height of the beaver trapping trade. The beavers are still very abundant in these parts and there's plenty of demand for them," said Eddie Toro, program counselor at Clear Creek. "The commission is equal to about \$6 per pound of beaver pelt if it's winter or \$3-4 per pound for a summer pelt ... In the winter, the pelts get thicker, darker and softer, but it is more dangerous during the winter time."

Clear Creek receives an average of twelve crews a day, including pass-throughs. They are no longer doing the "Beaver Dam Dash" because the program didn't receive many participants due to it being at the end of the day. Another change at Clear Creek is the targets.

"We've set up reactive targets on the range," Toro said. "These targets are really cool, they're different shapes. There's a circle, square, diamond farther back and then there's a very thin square ... Everytime you hit they do a nice

bang and then they tip back and it's a lot better than our old targets which were steel plates on the ground."

A North country camp similar to Clear Creek is Miranda. This area was originally obtained in 1841 when Carlos Beaubien and Guadalupe Miranda petitioned the Governor of Mexico for a land grant. It has long since been an area of mining and trapping.

The staff at Miranda start their day early, just like the original mountain men. They work all day, shooting rifles, throwing tomahawks and giving porch talks to the nine crews they usually have staying.

Carter Smith, the first assistant camp director at Miranda, said that after dinner, they enjoy advisor's coffee before playing mountain ball, a unique and engaging game.

"Participants play mountain ball like it's baseball," Smith said. "But it's not at all, it's literally so confusing that you just come up with a strategy and go with it and the game gets hectic."

In 1825, the percussion-cap guns were invented by Reverend John Forsyth. This works perfectly for the camps era.



John Mitchell/Photographer

Clear Creek staff (Left to right): Ben Herries, Eddie Toro, Blake Jones, Arthur Dollard, Wade Geissel.



John Mitchell/Photographer

Participants of crew 626N3, Hunter Burcaw (left) and Connor Brantzen (Right,) take their aim at various targets down range at Black Mountain.

"The percussion caps were fairly new in our time period," Smith said. "So when we talk about them, we get to describe them as if they were new."

Something that Miranda is trying to start is a "legacy project."

"This would mean we would be able to add another slot on the range for a third shooter," Smith said. "If we get the supplies we need, we could build it so that three people could be shooting even in the rain."

The third Black Powder Rifle camp is Black Mountain. First settled in 1897 by Samuel Matthews, a prospector, this camp features something different than tomahawk throwing. Instead, the staff at Black Mountain teach blacksmithing. The camp also helps with crews going up Black Mountain that might require assistance.

Another thing that crews can do at Black Mountain is chop wood. Aaron Anderson,

program counselor at Black Mountain, said that one crew only wanted to chop wood.

"They didn't want to shoot guns or forge," Anderson said. "All they did was chop firewood for like five hours and we gave them pudding cups in return."

Black Mountain is trying to bring Burros back to the camp.

"2010 was the last year they had burros here," Anderson said. "We want to find a spot for the burros pen to try and get burros to help us bring stuff down from the turnaround. Even if it doesn't happen this year we want to do it for next year's staff."

There are changes at all three camps, but the fun of shooting a gun older than your great-grandparents will endure. Hunter Burcaw, 626-N3, said that it was his first time shooting a Black Powder Rifle, but he really enjoyed it.

"It was awesome," Burcaw said. "It was a bit heavier than I expected, but I hit the bandana and it was a whole lot of fun."



Doyle Maurer/Photographer

Crew 62512 learns to shoot black powder rifles at Miranda.

Weekly Advice Column

Ask Backcountry Warehouse

Ask News and Photo

This week's advice column travels to the Backcountry Warehouse. PhilNews spoke with Tim Gneier, Backcountry Warehouse clerk, and Casey Dean, backcountry wardrobe specialist, about what the warehouse does and how to get the most out of your interaction with them.

Dallas Elmore
Staff Writer

What is the Backcountry Warehouse responsible for?

We are the supplier for the backcountry. We handle the distribution of goods to the backcountry, like bike tires, ax handles or cleaning supplies. Anything that isn't food or Trading Post is our job. If we do not have a needed item, we find someone who does or order it offline.

What items are the most commonly requested?

We have a lot of requests for chlorine test tablets or lamp oil. Those seem to get used up pretty quick.

How often do you send out shipments?

We are well over 400 orders into the summer. There are shipments that go out every day. Some camps get shipments more than others, like Ponil or Beaubien, or the commissaries. Metcalf gets a lot of traffic because its a new camp.

How can staff get a ride from Base Camp into backcountry?

Be on the loading dock of the backcountry warehouse at 7:30 a.m. and talk to Gene Schnell, the backcountry distribution and support manager. We try to get you to the particular staff camp or within a two mile hike of your destination.

Is there anything staff should know about that most people don't about the BCW?

If anyone in Base needs to rent tools for a project, we have supplies and tools for them to borrow. Anything from drills, hammers, saws and paint, in addition to brooms and cleaning



Christine Henri/Photographer

Tim Gneier and Casey Dean, Backcountry Warehouse staff.

supplies. We also clean all the guns, fix broken tools and repair electrical devices. The Warehouse also checks shells for reloading and does the tent repair for staff tents in the backcountry.

If you are in the backcountry and need a ride down, what should you do?

Radio down to the warehouse and ask if there is a vehicle in the area. We try to pass through North, Central and South country

Is the Backcountry Warehouse responsible for interp clothing?

We are in charge of all the interpretive clothing. So we help

clean the clothes, repair them, and help interpretive staff choose clothes for their particular camp. Casey Dean is in charge of interp clothing this year.

How can staff receive assistance with interp clothing?

When staff are checking out interp clothes they should write it down and sign in with us. If they need repairs while the backcountry wardrobe specialist is on days off, it is nice if they leave a note saying where the repairs need to be and what needs to be repaired. If a staffer needs laundry for their interps done, they have to sign the log sheet as well.

News and Photo Services is a department with multiple divisions: PhilNews, photography, the photo lab, videography and marketing. They are responsible for issuing name badges, creating marketing material, taking crew and staff photos and creating the PhilNews. The following are some commonly asked questions News and Photo receives

Kyle Nutter
Staff Writer

I lost my ID, how can I get a new one?

You must first go to registration, pay \$5 and bring the receipt to NPS for a new ID. There is no need to take another photo; it is saved in a database.

Can I have a nickname on my ID badge?

The only nicknames allowed on Philmont nametags are shorten versions of first names (ex: Matt and Matthew) and middle names.

Can I have my personal photos printed by NPS?

Yes, but the photos must be approved by NPS and be BSA appropriate. There is a \$2 fee for each print. Photos must be in digital format.

Do you have my crew photo from (insert year)?

We are working on digitizing Philmont's negative archive, dating back to 1966. Right now we have most crew and staff photos digitized from 1988 to the present. Hopefully, the rest of the archive will be digitized in 5 years. This winter you will be able to locate archived photos online and purchase prints or digital copies.

What are the responsibilities of News and Photo Services?

Each sub-department completes different tasks.

Photo lab: The photo lab prints all crew and staff photos and digitizes 4-5 years of Philmont's film archive each summer.

Videography: The video

department shoots anything video related for the Ranch. They produce promotional videos for Philmont Camping and Training Center programs. They also produce many instructional videos for campers such as how to hang a bear bag.

Photography: The photo department takes all crew, PTO and staff photos. They also shoot the photos for PhilNews and marketing.

PhilNews: The PhilNews department writes and designs all PhilNews issues.

Marketing: The marketing department manages all social media accounts, Philmont's website and print materials.

What is the purpose of crew photos?

Crew photos preserve the memory of Philmont and aid in search and rescue scenarios.

Do I need to schedule a photo?

The Philmont crew photo site is staffed from 8-11:30 a.m. and 12:30-3 p.m. If you would like a photo at a different location or time, please schedule with NPS 24-hours in advance so we can be ready for you.

Why can't crews or staff take a goofy picture?

The NPS staff wants to avoid having to make a decision on whether something is inappropriate.

Can staff submit things to PhilNews to be published?

We accept all poems, stories, photos, or artwork that is BSA appropriate.

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Carson National Forest Community Meeting in Cimarron

Scott Allen
Staff Writer

Members from all over Northeast New Mexico gathered at the Cimarron Watershed Alliance building on June 28th to discuss the future of the Carson National Forest.

The public meeting was the final of 14 community meetings. Phillip Cramp, facilitator, said

that the goal was to gain input from those around the area who use the forest land.

"This is just the first part of a long range process," Cramp said. "The purpose of the assessment is to really illicit from individuals and communities, their views on the forest, what's important, what's working, what changes you've seen and what you might

want to see in the future."

Getting the viewpoint of the public is just the first step in the long process of creating a new forest plan revision. The last plan, which was done in 1986, has had to be amended 16 times due to the various changes that have occurred both economically and socially. Under the 2012 planning rule, new plans must be developed that adhere to watershed protection, sustainability, species diversity, conservation and the ecosystem.

Kevin Naranjo, Forest Planner, explains that the need for a new plan is based on the advances in the past 30 years.

"Since 1986, a lot of the science and what we know about forest management has changed," Naranjo said. "Also, a lot of how the forest is used, different benefits of the forest aren't accounted for in the old plan, so we're taking a look at it from a 2014 perspective."

After discussing their goals for the meeting, participants broke up into four groups and were led by an employee from Carson National Forest to write down and talk about: 1) How is the Carson National Forest important to you and why? 2) What changes have you seen on the Carson National Forest? and 3) How do you hope the forest will serve future generations?

Participants wrote down answers to these questions on separate cards and then shared what they wrote down with their group. After this, the four groups reconvened and summarized their discussions.

A lot of the groups shared the same proactive responses. They said the forest is important for educational opportunities, recreational activities, the integrity of the land and the need for natural wildlife. Some changes that have been observed are various partnership

opportunities, the 2002 wildfire as well as the impact of off-road vehicles on the ecosystem. They discussed future generations having the land for multiple-uses, to manage resources and balance economic and recreational uses.

David Coon, Philmont Rayado Trek coordinator, said that he enjoyed hearing what other people had to say.

"I enjoyed learning more people's viewpoints and learning more about the uses of the land besides what Philmont uses it for," Coon said.

The Carson National Forest, which encompasses 1.4 million acres, includes the Valle Vidal, a 100,000 tract of land that Pennzoil donated in 1982. Since 1987, Philmont has been using the land for pristine leave no trace camping. The Valle is also a popular New Mexico tourist destination.

Continued on page 16



Kaitlyn Chaballa/Photographer

A small group at the Carson National Forest Plan Assessment Community Meeting talks about the future of the Carson National Forest.

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Plants at Philmont

Kyle Nutter
Staff Writer

Trees are not always abundant around Philmont.

The trees that thrive adapted to the dry environment. Rocky Mountain Juniper, *Juniperus scopulorum*, is one tree that has acclimated to the high elevation. It was utilized by the Navajo people for centuries to treat eczema and urinary tract ailments.

The tree approaches 35 feet at its tallest.

The branches seem to collapse under their own weight, appearing melancholy.

The bark is brownish-gray and separates into thin columns.

Arranged in pairs, the squamous leaves contain small resin glands.

Rocky Mountain Juniper is found throughout the Ranch, as well as other species of juniper.

The evergreen plant has one



Morgan Court/Photographer

Rocky Mountain Juniper

distinct trunk that is suitable for fence posts because the wood resists rot. Fruit takes the form of small blue berries. A whitish coating covers the berries but is easily rubbed off. They were used by Navajo people to dye wool green.

Animals of all sizes enjoy juniper leaves and seeds.

Trail of Courage

Philmont Scout Ranch has been asked and agreed to launch the Trail of Courage Program. Over the next few years, it will be rolled out to all parts of the Boy Scouts of America including other high adventure bases, summer camps and Boys' Life Magazine. I encourage you to join me by participating in the Trail of Courage-right Decisions/Right Now-Be Tobacco Free. Teenage smoking dropped from 36.4% in 1997 to 21.9% in 2003. However, each year since 2003 the percentage of teenage smoker continues to rise! This is a startling fact, since we know the danger and risk of smoking to our health.

What is the program? The program allows conversation to take place with each crew. These conversation focus on the seven parts of the program:

1. Become personally fit.
2. Eat a nutritious diet.
3. Exercise.
4. Be tobacco free and not smoke or use smokeless products.
5. Live free of drug and alcohol habits.
6. Learn the seven cancer danger signs.
7. Live the Scout Oath and Law

Who Leads the Conversations? Each Ranger is asked to coach the Crew Leader to guide conversations during the crew's trek that focus on each of the seven parts of the program.

On the last night of the trek, the Crew Leader will encourage the crew to take the pledge and commit to the seven parts of the program.

The recognition for making the pledge and participating in the program includes a Trail of Courage patch and Boys' Life Personal Pledge Card. These items are available to the crew free of charge at the Safekeeping Counter in Camping Headquarters.

Can Staff Participate? Yes! Each member of the Philmont Staff is asked to participate in the Trail of Courage program.

Step 1: Review the material in the Trail of Courage-Right Decisions/Right Now-Be Tobacco Free brochure. You may wish to discuss the program with your friends and your department.

Step 2: Make personal commitment to pledge to work on achieving each of the seven part so the program.

Step 3: Complete the Staff Pledge Card and turn it in at the Personnel Counter at the CHQ Office.

Each staff member who participate will receive the Trail of Courage patch and the Boys' Life Personal Pledge Card.

Trail of Courage -Right Decision/ Right Now-Be Tobacco Free Pledge

"I pledge to become personally fit, eat a nutritious diet, exercise, be tobacco free, live free of drug and alcohol habits, learn the seven cancer danger signs and live the Scout Oath and Law."

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LDS Leadership Conference at PTC

Dallas Elmore
Staff Writer

Two weeklong sessions of The Church of Jesus Christ of Latter-day Saints Priesthood Leadership Conference on Scouting took over the Philmont Training Center from June 29 through the July 4 and July 6 through the 11.

Each of the week long sessions drew over 500 people to the Training Center. The first week, 130 participants brought over 400 family members to enjoy a taste of the Philmont experience. The second week saw 160 participants bring 500 family members.

"The ability to bring their whole family is a huge part of the reason we are able to bring so many Scouters into the conference," said Mark Francis, the Director of LDS-BSA Relationships for the the Boy Scouts of America.

LDS stake leaders from across the country were invited in September to

participate in the summer conference. These church figures, called stake presidencies, head to Philmont with the intention of strengthening the bond between Scouting and their faith. Scouting is a major part of youth activities for the LDS church. In 1913, the Boy Scouts of America was chosen as the activity arm for LDS youth and that legacy continues today. There are over 437,000 active Mormon youth and over 250,000 adult Scouters.

For some attendees, it was an introduction to the principles of Scouting. Wesley Morgan, a stake leader from Lancaster, Calif., found his perspective changed on the relationship between Scouts and young men.

"I look at a man at how he is going to be in 20 years, and I hope to be a small part of that progression," Morgan said.

Others found the conference to be a reminder on how Scouting and the churches teachings walk hand-in-hand.

"I realize that the Scout program is important to teach values to make good husbands and fathers," said Carl Coltrell, an Eagle Scout who is the president of the Worland, Wyo. stake.

This year's conference emphasized inclusion rather than focusing specifically on LDS packs, troops, teams and crews.

"There has been a stereotype in the past that LDS units are specifically for LDS Boys, and we're trying to dispel that," Francis said.

To promote that goal, the Church sent both the president of the Primary and the president of the Young Men organization to teach.

"I have a passion for all children, even ones outside the faith," said Rosemary Wixom, the President of the general primary.

As the woman charged with the instruction of a million LDS children across the world, Wixom has a unique perspective on the way Scouts can influence a child.

"Its a tool that teaches kids



Cassidy Johnson/Photographer

Scott Rapier discusses with other LDS Leadership Conference attendees on Thursday, July 3, at PTC.

how to do hard things, preparing them for interactions with adults, and life, emotionally, physically, and socially," Wixom said.

The weeklong conference culminated in a graduation ceremony. The attendees spouses looked on as each participant was given a neckerkerchief and other items. At the end of the ceremony,

a choir performed hymns and the crowd bowed its head together in reflection and prayer. The conference's location at Philmont provided a fitting setting for a collection of people so dedicated to their faith.

"Philmont is a very spiritual place, full of revelation and inspiration," Francis said.

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Wanted: Whiskers

Emet Blood

Staff Writer

This week's facial hairstyle is the horseshoe mustache. As the name implies, it appears to be a horseshoe.

I plead that you do not confuse this with the type of horseshoe that only serves to clank every time a horse takes a step. No, this name represents so much more. Think royal blacksmith taking his time with extra precision to masterfully craft a practical piece of art that has purpose.

The horseshoe mustache was most noted in the recent years being worn by western actor Sam Elliot and Mr. America Hulk Hogan himself. If there are

two things these people have in common, it's their impeccable facial hairstyle and a certain level of awesomeness that is quite difficult to rival.

Our friend Will Pike has tried on a few styles this summer and this one seems to fit him well. If you haven't met Will Pike the Ranger, then you have not yet granted yourself the kindness you deserve.

"I'm just a teenager trying to find my way," said Pike

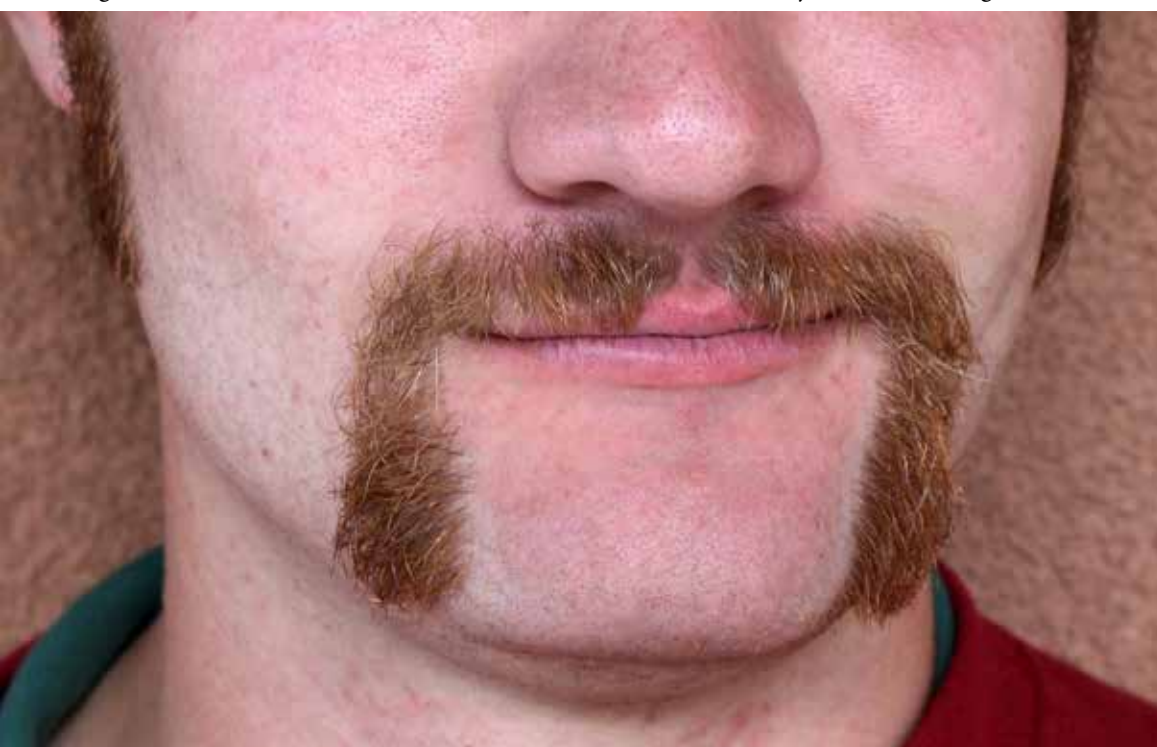
Profound words Pike. It's safe to say we are all finding our way.

As far as facial hair is concerned, some folks have realized that they are really into rocking the clean shaven look while others have mastered the

"This horseshoe mustache will remain a beacon for those of you still looking for a facial hairstyle this summer."

beard, but there is no shame in searching for what feels right.

This horseshoe mustache will remain a beacon for those of you still looking for a facial hairstyle this summer. And remember, if you can't grow anything right now don't despair because one day you won't know why you have to shave every morning. And if not, that's just as fine. You don't need facial hair to be awesome, it's just awesome to grow facial hair.



Will Pike, ranger.

Kaitlyn Chaballa/Photographer

Attention: If you are interested in being featured in the next "Wanted: Whiskers" please stop by the PhilNews office in the News and Photo Services Building

Photo Contest Rules

Photos must be submitted between 8 a.m. July 1 and 11:59 p.m. July 21.

1. Entrant must be the photographer who took all photos he/she submits.
2. Entrant must be currently employed by Philmont Scout Ranch.
3. Entered photos must have been taken on Philmont property, in a Philmont program area or be scenes of Philmont landscapes.
4. No digital alterations (e.g "Photoshopping") are permitted, except in the Digital Creations category.
5. Each submitted photo must be in a digital format, between 2MB and 40MB in size. No printed photos will be accepted.
6. To be considered in the contest, all photo entries must be submitted to: registerphilmont.org/photocontest
7. Prior to judging, all photos will be printed in an 8x10 format. (Some cropping may occur.)
8. All entered photos will become property of Philmont Scout Ranch.
9. A maximum of three photos per entrant, per category may be submitted.
10. Photos stamped with date, time, copyright, titles, text, watermarks and/or special graphic treatments are generally not considered.
11. Over \$600 in prizes will be awarded to contest winners. Three winning photos from each of ten categories will appear in the PhilNews, on PhilmontScoutRanch.org and be displayed in the Silver Sage Staff Activities Center. The best photos will decorate 2015 Philmont publication covers.
12. Entrants must include a title and the location from which each photo submission was taken.
13. 2014 contest categories: Camper Activity, Digital Creations, Black & White, Flower & Plants, Humor, Landscape, Porch View, Staff Activity, Storms & Rainbows, Sunrise or Sunset, Wildlife.

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Fresh Produce Market

Monday-Saturday 10:00-2:00
Sunday Brunch 10:00-2:00

Ask the Participants

Emet Blood
Staff Writer



Kaitlyn Chaballa/Photographer

August Duplechain, 14. Itin 17, from Annapolis, Md. Troop 771. 624O.

"My favorite part was mountain biking. But we also got lost and it was raining so we made camp on the trail and that was one of the best parts."

"The group really bonded because we did everything together: cook, eat and sleep at the same time."

"I definitely would recommend Philmont. There is no one I wouldn't recommend this camp to."



Kaitlyn Chaballa/Photographer

Adam Riley, 14. Itin 10, from Clarksville, Tenn. Troop 525. 624L.

"I learned to get over a lot of tough obstacles, you know? Getting out of the sleeping bag in the morning, and putting on cold boots with blisters on your feet."

"It was nice because even though there is an age difference between some of the Scouts in the crew we all had to go through the same stuff so we really just worked on working together. It really equaled us."



Kaitlyn Chaballa/Photographer

Landon Bickle, 16. Itin 17, from Townsend, Mass. Troop 10. 624O.

"I've held a lot of leadership positions in Scouting, but I've really been able to use this trip as a way to bring the crew closer together and for all of us to get past our age differences."

"We started out as individuals, but by the end of the trek we were associating ourselves as a crew. We never hit that point where we broke down. We came through together strong since the beginning."



Kaitlyn Chaballa/Photographer

Miguel Ortega, 15. Itin 10, from Clarksville, Tenn. Troop 525. 624L.

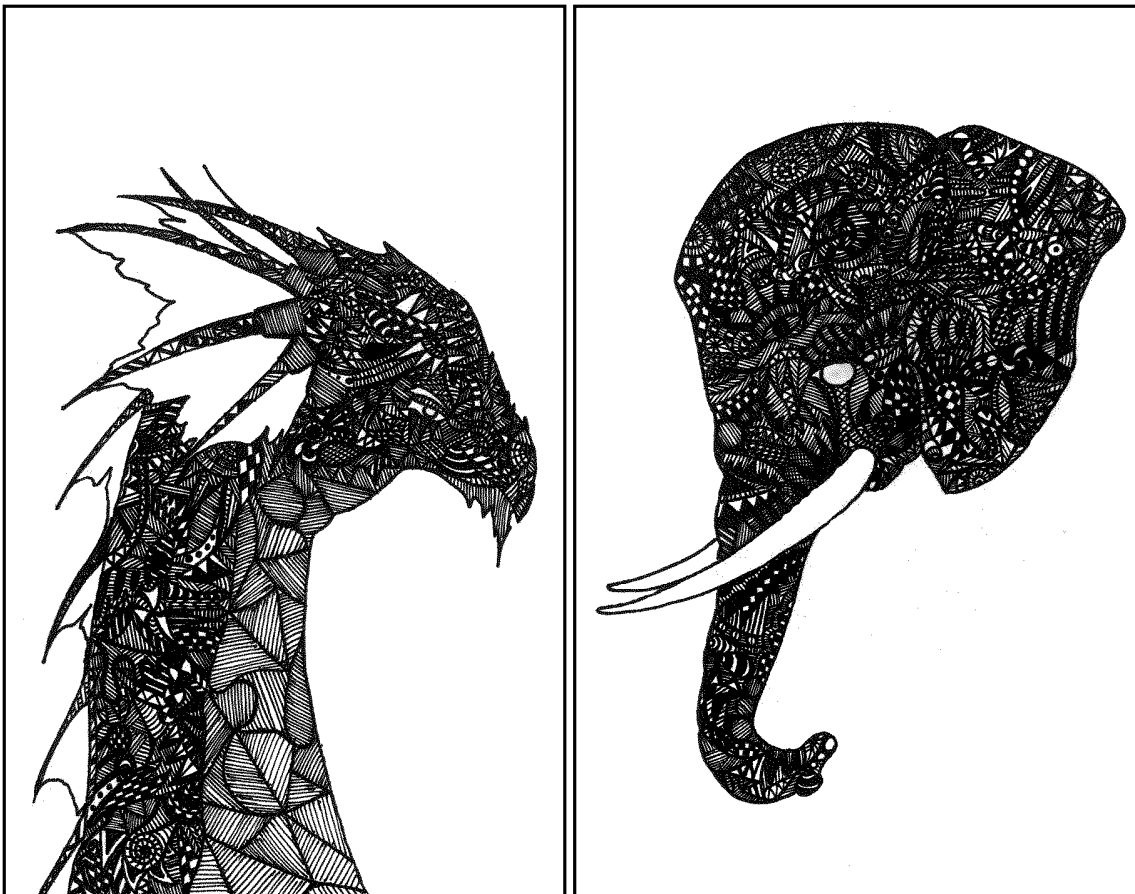
"Ponil was my favorite because all of the programs and activities they offered."

"I had a lot of realizations about all the decisions I've made so far."

"I grew better friendships with the crew members I didn't know very well."

Camp Artwork

Zac Stewart
Dining Hall Staff



Continued From Page 13, Carson

Peter Rich, Assistant Forest Planner, summarized it best when he quoted someone from his group.

“Even though he doesn’t live here, he knows that it’s here,” Rich said.

The future of the forest is pertinent, but it must be planned carefully. Currently, the assessment is occurring. It’s expected to be done next Spring and then the actual plan

development will begin. After the plan finishes, a National Environmental Policy Act (NEPA) process will begin and then the public will get to review the final plan before everything is expected to conclude towards the end of 2017.

For those who missed the meeting and would still like to give responses to the questions asked, visit <http://www.fs.usda.gov/carson>

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PHILMONT MUSEUMS

Philmont Museum - Seton Memorial Library

Exhibits include Partners on the Ponil, Philturn Rockymountain Scoutcamp and Selected Works of E.T. Seton. The Seton Memorial Library houses the personal library and artwork of Ernest Thompson Seton. Native American jewelry, art, collectibles and one of the largest book selections in the county can be found in the Museum Gift Shop. **Open Daily 8—5:30**

The Kit Carson Museum at Rayado

Open Daily 8—5, June—August

Chase Ranch

Call for tour information.



Villa Philmonte - Reservations Required

*** Tours Daily. Every half hour beginning at 8a.m. Call for reservations.**

For more information and to schedule a Villa or Chase Ranch House tour, please stop by the Philmont Museum or call 875-376-1136. * Reservations are required.

Chaplain's Corner

Father Gerard Gentleman Chaplain

My name is Father Gerard Gentleman and I am so grateful for the opportunity to join all of you, once again as a member of the Philmont staff



Father Gerard Gentleman

from July 4 to July 18.

For ten of the last 18 summers, I have had the privilege of serving as one of the Philmont chaplains.

My first year at Philmont was 1996.

I was seminarian in my last year of study for the Roman Catholic priesthood. That summer, on my birthday, I was visiting Harlan when an historic tornado struck the camp before touching down in Cimarron. Thankfully, injuries were minor and the damage to property was manageable. Not only did that day provide me with the lasting memory of an epic weather event, it was the moment when I truly realized the unique and gifted talent of the Philmont staff. They responded to what could have been a disaster with

professionalism, expertise and maturity beyond their years.

Over these many summers that truth has continued to be revealed to me.

In addition to the seasons I served as a chaplain, I have hiked three treks as an advisor and participated in the "Scouting in the Catholic Church" course at PTC.

I currently serve as the director of the biennial "Saint George Trek," sponsored by the National Catholic Committee, here at Philmont. The trek typically consists of six crews of boys and a crew of girls made up of Catholic Scouts who have been selected by the Catholic Committees in their own diocese.

The trek takes place within the context of a vocation discernment retreat.

The participants hike with priests, seminarians and nuns as their advisors, providing them with unique opportunities for prayer, worship and discussion on the trail.

The experience begins and ends in Albuquerque and includes a midpoint rendezvous. I am so grateful to Philmont for supporting this unique trek.

Back home I serve as the pastor of Holy Family parish in Hicksville, N.Y.

We have approximately 3,000 registered families, with 370 children in our parish school and over 500 in our religious education program. It is a busy life with lots of responsibility which makes my time at Philmont a much anticipated blessing.



Mass on top of the Tooth of Time.

As an Eagle Scout and a priest, I know I am blessed to return to "God's Country" once again.

I look forward to meeting you all during my time at the Ranch.

What's New: Metcalf Station

Kyle Nutter Staff Writer

This summer, the long-awaited newest staff camp, Metcalf Station, was opened for program. The theme? Railroads.

"There's nothing small or light on the railroad," said Tucker Baker, program counselor at Metcalf Station. "Everything's big and heavy and nothing gets done without teamwork."

Since June 8, 120 feet of rail have been laid down. Scouts gauge, align, tamp and spike to build on to the railroad. Ideally, two miles of rail will be built. Hopefully, one half mile will be constructed over the next four years.

The base of operations for this feat of industrial technology is the staff camp. Two yurt-like cabins stand in the North Ponil Canyon. In the middle of the valley, pale, fresh wooden porches invite participants to climb up for a talk about program.

The pounding of spikes echoed off the rocks of the

canyon like gunshots on the ridge. Staff portray early railroad culture as Cimarron Northwest Railway Co. employees. They pass on historical knowledge onto listeners.

Railroad work techniques rule the program. Participants chanted a "chugging cadence" to keep a steady rhythm spiking.

"We're going to use the ancient knowledge called 'leverage,'" said Baker in explanation of how to align the rails.

The Metcalf staff install joint bars to the rails when participants are scarce, but they leave the rewarding labor of working on the railroad for Scouts. The work is a combination of muscle and tact. Scouts called for an introduction to the sun-drenched beginnings of a railroad.

Participants must review safety protocols before learning the various tools required. A helmet, eye protection, steel toe slip-overs and gloves protect Scouts from the hazardous activity.

Besides railroad working,

a forge program is available. A whole crew participates in forging a J-hook, and it is given to the crew as a souvenir. The hook, hammered into a wall, would hold coats or hats off the ground.

In the 1800s, boys started an apprenticeship at the age of 8, became a journeyman at 16 and traveled to learn from other masters of the trade. A blacksmith made project at 21, showcasing all his abilities. The project needed approval from local blacksmiths before a blacksmith could claim the title of master and open a shop. Along the way he attained knowledge concerning the craft, like knowing that metal is at the perfect temperature for hammering: when it is red hot, or cherried. When this happens, the metal is over 1,500 degrees Fahrenheit.

Program counselors at Metcalf Station disclose basic forging techniques and terminology to the participants.

The evening program involves a music show with a mandolin, harmonica,



Kyle Nutter/Staff Writer

Tucker Baker and Kyle Soyer, Metcalf Station program counselors, install a joint bar to the rails.

accordion, guitar, fiddle, banjo and tambourine. Four staff members alternated between instruments. Music reverberated the hardships of immigrant railroad workers and the accidents that sometimes occurred.

In the tall tale of John Henry, it recounted his legendary race against a steam-powered hammer. Another recounted the heroism of John Luther "Casey" Jones when he rescued his train's fireman and passengers before

colliding into a freight train.

Formality buckled under the camaraderie felt between crews and staff.

Nathan Ford, camp director at Metcalf Station, delivered a record of railroad impact on the North Ponil Canyon and adjacent canyons. Just like railways, hikers impact the wilderness. Trails are human rails, and Ford reminded all those in the shadow of the canyon that our mark accumulates and attention to the impressions must remain.

US/Canada News

Benghazi consulate raid suspect in US court

BBC

The US has vowed to work with Germany to resolve the row over a German reportedly arrested for being a US spy.

A White House spokesman said he could not comment directly but efforts were being made to solve the problem.

Earlier, German Chancellor Angela Merkel voiced her concerns about the alleged US spy in German intelligence, while on a visit to China.

“It would be a clear contradiction of what I consider to be trusting co-operation” with the US, she said.

She said that if the allegations about a double agent were true, it would constitute a serious breach of trust.

“If the reports are correct, it would be a serious case,” Ms Merkel said on Monday while at a news conference with Chinese Premier Li Keqiang.

Family of punched woman to sue California police

BBC

The family of a woman who was repeatedly punched in the face and head by a policeman has said they will sue on her behalf, local media report.

Footage posted on YouTube last week shows a California Highway Patrol (CHP) officer straddling the woman and hitting her at least 11 times.

The CHP says they are investigating and have suspended the officer.

Her family said they would be filing a civil rights lawsuit on her behalf, according to local broadcaster KTLA.

Civil rights groups say they are set to meet police officials on Monday.

Earl Ofari Hutchinson, president of the Los Angeles Urban Policy Roundtable told the Los Angeles Times he wanted to see an independent justice department investigation.

Search continues for missing Calgary boy and grandparents

BBC

Calgary police are resuming their search of a property as part of the investigation into the disappearance of a five-year-old and his grandparents.

Nathan O'Brien, five, Alvin Cecil Liknes, 66, and Kathryn Faye Liknes, 53, were reported missing last Monday.

Investigators have been searching a rural estate in Airdrie, about 20 miles from where they disappeared, and have marked off a new area there to look at.

Police spoke to a “person of interest” over the weekend, CBC reports.

But officers have not named anyone they may have questioned in connection with the disappearance.

The three family members were reported missing after Nathan's mother went to pick up her son after spending the night at his grandparents' house.

US diplomat Tom Malinowski expelled from Bahrain

BBC

A US diplomat has been ordered to leave Bahrain after meeting with members of a leading Shia opposition group, say Bahrain officials.

Tom Malinowski, US Assistant Secretary of State for Democracy, Human Rights and Labor, went to Bahrain on Sunday.

While there, he met with members of Al Wifaq, a move which the the Foreign Ministry of Bahrain says intervened in the country's domestic affairs.

Protests by members of the majority Shia population have been ongoing.

Mr Malinowski “held meetings with a particular party to the detriment of other interlocutors, thus discriminating between one people, contravening diplomatic norms and flouting normal interstate relations”, state news agency BNA reported.

Ebola outbreak: Ghana tests US man

BBC

A US citizen is being tested for the Ebola virus in Ghana, which has had no confirmed cases of the virus in the current West African outbreak.

The man has been quarantined at the private Nyaho Clinic in the capital, Accra, health officials say.

The virus has so far killed more than 460 people since it broke out in Guinea in February and spread to neighbouring Liberia and Sierra Leone.

It is the world's deadliest outbreak to date and there is no cure for Ebola.

The US embassy in Accra said it had been informed that a US citizen was being tested but would not give any more details, Reuters news agency reports.

The man was believed to have visited Guinea and Sierra Leone in recent weeks.

World News

Rockets hit Israel as Hamas vows revenge for Gaza strikes

BBC

Dozens of rockets have been fired at southern Israel after Hamas promised revenge for Israeli airstrikes on Gaza.

The Palestinian Islamist movement said one Israeli strike near Rafah killed five of its fighters.

But the Israeli military said the men appeared to have died after handling explosives in a tunnel that had been hit on Thursday.

Tensions have risen since a Palestinian youth was killed in apparent reprisal for the murder of three Israelis.

An Israeli official said about 20 rockets were fired in just a few minutes on Monday night, adding that four had been destroyed by the Iron Dome anti-missile system.

There was no immediate word on casualties or damage in Israel.

Iraqi MPs postpone electing leaders as violence continues

BBC

Iraqi MPs have again delayed a session needed to elect a new leadership in the face of a jihadist-led Sunni rebellion in the north and west.

Iraq's politicians have been urged to unite but paralysis has continued.

The session, scheduled for Tuesday, has been postponed for a month.

Meanwhile a senior general, Maj Gen Najm Abdullah al-Sudani, was “martyred on the field of battle” in fighting to the west of Baghdad, said a statement from Prime Minister Nouri Maliki.

Parliament's first meeting last week had been due to elect a speaker, but ended after less than two hours when Kurdish and Sunni Arab MPs walked out, depriving it of a quorum.

As the leader of the bloc that won the most votes in April, Mr Maliki has demanded the right to attempt to form a governing coalition.

Ukraine crisis: Bridges destroyed outside Donetsk

BBC

Three bridges have been destroyed on roads leading into the city of Donetsk on Monday ahead of an expected offensive from government forces.

It was unclear who was behind the explosions but Ukrainian media said the bridges were blown up by rebels as Ukraine's military advanced.

Ukrainian troops regained control of the key rebel strongholds of Sloviansk and Kramatorsk on Saturday.

A journalist in Donetsk says civilians in the city are preparing for fighting.

“For the moment there are no gunfights but people are really scared,” Yevgeny Shibalov told BBC Newshour.

“A lot of shops are closed and some banks officially declared they are closing their branches in the city,” he added.

Egypt's President Sisi 'regrets' al-Jazeera trial

BBC

Egypt's President Abdul Fattah al-Sisi has said he wishes the three al-Jazeera journalists imprisoned last month had never been put on trial, reports say.

Peter Greste, Mohamed Fahmy and Baher Mohamed were sentenced to between seven and 10 years in jail after being found guilty of aiding a “terrorist group”.

Mr Sisi was quoted by the al-Masry al-Youm newspaper late on Sunday as saying the trial had “very negative effects”.

His remarks received a mixed response from the journalists' families.

Foreign governments, media organisations and human rights groups accused the Egyptian authorities of restricting freedom of speech.

Afghanistan's Ashraf Ghani leads in early vote count

BBC

Former Afghan Finance Minister Ashraf Ghani is leading the race to replace Hamid Karzai as president, according to preliminary results.

Mr Ghani won 56.44% of votes in the 14 June run-off, election officials said. His rival Abdullah Abdullah had 43.56%.

Mr Abdullah, who fell just short of an outright majority in the first round, rejected the result.

Both men have alleged fraud in the election. Votes are being re-checked at more than 7,000 polling stations.

They represent nearly a third of centres where votes were cast and correspondents say recounts could significantly alter the result.

Chief election commissioner Ahmad Yusuf Nuristani stressed that the results were not final and acknowledged that there had been “some mistakes in the overall process”.

Entertainment

Transformers holds firm at US box office

BBC

Transformers: Age of Extinction has held on to the number one spot at the North American box office on an unusually quiet 4 July weekend. It took \$36.4m (£26.7m), trouncing Melissa McCarthy's latest comedy, Tammy, which took \$21.2m (£15.6m). "This ranks as one of the lowest fourth of Julys ever," said Paul Dergarabedian, from box-office tracker Rentrak. Takings were down 44 per cent compared to last year. US Independence Day weekend is traditionally marked by the release of "tentpole" movies - from Back to the Future to Terminator 2 and Men In Black. Last year's major release was animation Despicable Me 2, which went on to take \$368m (£214m), making it the fourth-biggest movie of the year in the US. But this year, there was no major release to coincide with the holiday.

'Vile' reaction to Vanessa Feltz's Rolf Harris claims

Presenter Vanessa Feltz has described the reaction on social media to her claim Rolf Harris assaulted her during a live television interview as "vile." On BBC London 94.9, she described how the disgraced entertainer put his hand up her dress and felt her legs during an interview in 1996. She said the reaction she received after telling a newspaper what happened was "upsetting". Harris, 84, has been jailed for nearly six years for 12 indecent assaults. Feltz said she had not been able to say anything until after the trial. However, she said after telling the Daily Express about the assault, she received an "outpouring of misogyny and hatred" on social media. She said she found the reaction "so upsetting".

Cats musical to feature rapping cat

BBC

The hit musical Cats looks set to include a rapping feline when it returns to London's West End this year. Composer Andrew Lloyd Webber said the character of Rum Tum Tugger would become "a street cat" in the show. Cats, which has not been seen in London for 14 years, is based on TS Eliot's Old Possum's Book of Practical Cats. "I've come to the conclusion having re-read Eliot, that maybe Eliot was the inventor of rap," Lord Lloyd-Webber said. He said he had also "completely rewritten" the song Growltiger's Last Stand because "it was never my favourite moment of the show." The composer was speaking at a launch event at the London Palladium on Monday, where Cats will run for 12 weeks from 6 December.

Doctor Who scripts leaked online

BBC

Five scripts for the new series of Doctor Who have leaked online, seven weeks before the episodes are broadcast. BBC Worldwide said it was investigating "a security issue around Doctor Who Series Eight where unfinished material has inadvertently been made public". The statement urged fans not to distribute the spoiler material. The series - which marks Peter Capaldi's debut as the Doctor - is due to begin on BBC One on 23 August. Confirming the leak, BBC Worldwide, the corporation's global arm, said: "We deeply regret this and apologise to all the show's fans, the BBC and the cast and crew who have worked tirelessly making the series.

Star Wars sequel: Young unknowns cast in open auditions

BBC

Two young unknown actors have been cast in the next Star Wars film following open auditions. British actor Pip Andersen and US-born Crystal Clarke, who is studying in Glasgow, were chosen from 37,000 hopefuls who attended casting calls held in 11 cities across the UK and US. A further 30,000 others applied online for the parts, which are lead roles. Little known actors have won parts in past Star Wars films through the traditional casting process. It dates right back to the first Star Wars film in 1977 when the then unknown Mark Hamill secured the starring role as Luke Skywalker. He went on to appear in the next two Star Wars films and will also feature in the forthcoming Episode VII.

Sports

Alfredo Di Stefano: Real Madrid legend dies at the age of 88

BBC

Real Madrid legend Alfredo Di Stefano, regarded as one of the greatest players of all time, has died. The 88-year-old suffered a heart attack on Saturday and had been in an induced coma in Madrid's Gregorio Maranon hospital. Real Madrid confirmed the news, saying Di Stefano, their honorary president, died at 17:15 CET (16:15 BST). The forward won five straight European Cups, scoring in each final between 1956 and 1960.

Glasgow 2014: England's Morgan Lake pulls out of heptathlon

BBC

Teenage heptathlete Morgan Lake has pulled out of England's

American League

AL East	W	L	GB
Baltimore	49	40	-
Toronto	47	44	3
NY Yankees	45	43	3.5
Tampa Bay	41	51	9.5
Boston	39	50	10
AL Central			
Detroit	48	37	-
Kansas City	46	42	3.5
Cleveland	43	45	6.5
Chicago Sox	43	47	7.5
Minnesota	39	49	10.5
AL West			
Oakland	56	33	-
LA Angels	52	36	3.5
Seattle	49	40	7
Texas	38	51	18
Houston	37	54	20

Commonwealth Games team to concentrate on the World Junior Championships.

The 17-year-old had been selected to compete in the Glasgow event, which takes place on 29 and 30 July.

World Cup Results

Monday, June 30
France/Nigeria: 2/0
Germany/Algeria: 2/1

National League

East	W	L	GB
Atlanta	49	40	-
Washington	48	40	.5
Miami	43	46	6
NY Mets	40	49	9
Philadelphia	38	51	11
Central			
Milwaukee	52	38	-
St. Louis	48	42	4
Pittsburgh	47	42	4.5
Cincinnati	46	42	5
Chicago Cubs	38	49	12.5
West			
LA Dodgers	51	40	-
San Francisco	49	40	1
San Diego	40	49	10
Arizona	38	53	13
Colorado	37	53	13.5

Tuesday, July 1
Argentina/Switzerland: 1/0
Belgium/USA: 2/1

Friday, July 4
France/Germany: 0/1

Brazil/Colombia: 2/1

Saturday, July 5
Argentina/Belgium: 1/0
Netherlands/Costa Rica: 0/0

Technology

Official complaint filed over Facebook emotion study

BBC

An official complaint has been filed to the US Federal Trade Commission about a Facebook experiment that manipulated the emotional state of users.

The study was carried out for one week in 2012 and targeted almost 700,000 users by varying the personalised content sent to their Facebook pages.

The complaint was filed by digital rights group the Electronic Privacy Information Center (Epic).

Facebook said it had no comment to make about the complaint.

In its complaint, Epic said Facebook had flouted ethical standards that govern experiments on human subjects.

The 2012 experiment involved Facebook collaborating with two US universities to see if changing the emotional content of stories and updates sent to users' Facebook profile pages had any effect on the people that read them.

'Remote control' contraceptive chip available 'by 2018'

BBC

A contraceptive computer chip that can be controlled by remote control has been developed in Massachusetts.

The chip is implanted under a woman's skin, releasing a small dose of levonorgestrel, a hormone.

This will happen every day for 16 years, but can be stopped at any time by using a wireless remote control.

The project has been backed by Bill Gates, and will be submitted for pre-clinical testing in the US next year - and possibly go on sale by 2018.

The device measures 20mm x 20mm x 7mm and will be "competitively priced", its creators said.

A contraceptive computer chip that can be controlled by remote control has been developed in Massachusetts.

Samsung has announced it will scrap plasma TVs

BBC

Samsung is to stop producing plasma televisions (PDP TVs) by 30 November.

It said falling demand meant it would instead focus on producing curved and ultra-high-definition (UHD) TVs.

"We remain committed to providing consumers with products that meet their need," Samsung told the CNET website.

Panasonic, Sony, Hitachi and Pioneer have also pulled out of the sector in recent years.

And, according to the Tech Radar website, LG is expected to follow suit soon.

Plasma screens, which use electrically charged ionised gases, are often applauded for their brightness, deep blacks, and high frame rates, considered ideal for watching sport and films.

Russian MPs back law on internet data storage

BBC

Russia's lower house of parliament has passed a law requiring internet companies to store Russian citizens' personal data inside the country.

The Kremlin says the move is for data protection but critics fear it is aimed at muzzling social networks like Twitter and Facebook.

The Russian government is thought to be seeking greater access to user data.

Social networks were widely used by protesters opposing President Vladimir Putin's return to the Kremlin in 2012.

Analysts say there are fears that Russia may be seeking to create a closed and censored version of the internet within its borders.

The new bill must still be approved by the upper chamber and President Putin before it becomes law.

BMW factory workers given 3D-printed 'super-thumbs'

BBC

Workers at a BMW plant in Germany have been given 3D-printed "super-thumbs" to reduce stress on their joints when they are assembling car parts.

Each bespoke thermoplastic polyurethane thumb protector is created individually by measuring the worker's hand in a mobile scanner.

It fits like a second skin over the worker's thumb, letting it move freely.

But it becomes rigid when straightened, allowing the thumb to press down firmly but with less strain put on the joint.

The super-thumbs are being tested in the Munich factory, in partnership with the Department of Ergonomics at the Technical University of Munich, on the part of the line that fits rubber plugs to engines.

Health

Billion pound brain project under way

BBC

A 10-year, billion pound neuroscience project which aims to revolutionise our understanding of the human brain has begun.

Scientists from 135 institutions, mostly in Europe, are participating in the The Human Brain Project (HBP).

Co-funded by the EU, it aims to develop the technology needed to create a computer simulation of the brain.

It will also build a database of brain research from the tens of thousands of neuroscience papers published annually.

"The Human Brain Project is an attempt to build completely new computer science technology that will enable us to collect all the information we have built up about the brain over the years," said Prof Henry Markram, Director of the HBP at EPFL (Ecole Polytechnique Fédérale de Lausanne), in Switzerland.

India to provide four free vaccines, including rotavirus

BBC

India will provide four new vaccines free of cost as part of a programme to reduce child mortality, Prime Minister Narendra Modi has said.

They include one for rotavirus, which kills thousands of children a year.

The disease causes dehydration and severe diarrhoea. It spreads via contaminated hands and surfaces, and is common in Asia and Africa.

The move brings to 13 the number of free vaccines provided against life threatening diseases.

"The introduction of four new life-saving vaccines will play a key role in reducing childhood and infant mortality and morbidity in the country," Mr Modi said in a statement.

Scientists use stem cells to regenerate human corneas

BBC

Scientists have developed a new technique to regrow human corneas.

Using key tracer molecules, researchers have been able to hunt down elusive cells in the eye capable of regeneration and repair.

They transplanted these regenerative stem cells into mice - creating fully functioning corneas.

Writing in the journal Nature, they say this method may one day help restore the sight of victims of burns and chemical injuries.

Limbal stem cells (LSC) are crucial for healthy eyesight - these cells work to maintain, repair and completely renew our corneas every few weeks.

Without them the cornea - the transparent outermost layer of the eye - would become cloudy and our vision disrupted.

Decline in trials for Alzheimer's disease

BBC

More than 99% of drug trials for Alzheimer's disease during the past decade have failed, according to a study.

There is an urgent need to increase the number of potential therapies being investigated, say US scientists.

Only one new medicine has been approved since 2004, they report in the journal Alzheimer's Research & Therapy.

The drug failure rate is troubling and higher than for other diseases such as cancer, says Alzheimer's Research UK.

Dr Jeffrey Cummings, of the Cleveland Clinic Lou Ruvo Center for Brain Health, in Las Vegas, and colleagues, examined a public website that records clinical trials.

Ebola outbreak: West African states agree strategy

BBC

Health ministers from 11 West African countries have adopted a common strategy to fight a deadly Ebola outbreak in the region.

At an emergency meeting in Ghana, ministers promised better collaboration to fight what has become the world's deadliest outbreak to date.

So far, 759 people have been infected with the virus in Guinea, Liberia and Sierra Leone and 467 of them have died.

The two-day meeting was called by the World Health Organization (WHO).

Under the new strategy, the WHO will open a sub-regional control centre in Guinea to co-ordinate technical support.

Environment/Science

UK demo satellites set for launch

BBC

Two British spacecraft, including the first satellite made in Scotland, are due to go into orbit on Tuesday.

The pair will launch on a Soyuz rocket from Baikonur in Kazakhstan.

TechDemoSat-1 was prepared in Guildford by Surrey Satellite Technology Limited, with the assembly of UKube-1 undertaken at Clyde Space in Glasgow.

Both platforms will trial innovative components, sensors and instruments that their producers hope can go on to win future business.

TDS-1 and UKube-1 have emerged from government-backed programmes designed to spur growth in the British space sector.

Ministers have identified satellites as one of their “eight great technologies” that can help rebalance the economy.

Cruel trade in Asian elephants threatens survival - report

BBC

Wild elephants are being held in horrific conditions in Myanmar by smugglers looking to resume a lucrative trade, a report says.

It claims the animals, mainly calves, are being brutally treated as they are “tamed” for tourist camps in Thailand.

Campaigners Traffic fear a resurgence in smuggling could seriously threaten the elephant's survival in Myanmar, also known as Burma.

They are calling on the Thai government to urgently tighten trafficking laws.

The study compiled by the wildlife monitoring network says that up to 81 live elephants were illegally captured for sale into the Thai tourist industry between 2011 and 2013.

The animals are mainly used to entertain foreign and domestic tourists at trekking camps.

Glasgow 2014: Low emission zones promise 'broken'

BBC

Environmentalists have accused Commonwealth Games organisers of renegeing on promises to create low emission zones around venues.

Glasgow 2014 has been recognised for efforts to reduce carbon emissions, waste and promote healthy living.

But Friends of the Earth said pledges to ban the most polluting vehicles from venue areas had been broken.

Glasgow 2014 admitted vehicles fell short of low emission targets but said it was committed to sustainability.

Friends of the Earth Scotland said low emission zones - where the most polluting vehicles are restricted or discouraged - had been a key plank of environmental promises that underpinned Glasgow's bid.

Giraffe legs' strong, skinny secret

BBC

Scientists have worked out the anatomical secret to giraffes' long and spindly - but strong - legs.

Researchers from the Royal Veterinary College (RVC) of London found that a supportive ligament is protected by a groove in the animals' lower leg bones.

This groove is much deeper in giraffes than in other animals, and the researchers say this helps the spindly-legged giants support their bodyweight.

The work was outlined at the Society for Experimental Biology meeting.

“Giraffes are heavy animals (about 1,000kg), but have unusually skinny limb bones for an animal of this size,” explained Mr Christopher Basu, the PhD student who led the research.

“This means their leg bones are under high levels of mechanical stress.”

Tibetan altitude gene inherited 'from extinct species'

BBC

A gene that allows present-day people to cope with life at high altitude was inherited from an extinct species of human, Nature journal has reported.

The variant of the EPAS-1 gene, which affects blood oxygen, is common in Tibetans - many of whom live at altitudes of 4,000m all year round.

But the DNA sequence matches one found in the extinct Denisovan people.

Many of us carry DNA from extinct humans who interbred with our ancestors as the latter expanded out of Africa.

Both the Neanderthals - who emerged around 400,000 years ago and lived in Europe and western Asia until 35,000 years ago - and the enigmatic Denisovans contributed DNA to present-day people.

Business

Uber cuts prices in fare war with New York City taxis

BBC

Mobile car hire service Uber has temporarily cut the price of its cheapest service, UberX, by 20% to match the rate of New York City's yellow taxis.

The move follows similar price decreases in San Francisco and Boston.

Most analysts see the move as an effort to undercut competitors like Lyft and Hailo, as well as attracting newcomers.

Uber drivers - who are paid around 80% of the total fare - will be forced to accept lower payments as a result.

In a blog post announcing the fare changes, Uber countered: “What we've seen in cities across the country is that lower fares mean greater demand, lower pickup times and more trips per hour — increasing earning potential and creating better economics for drivers.”

German industrial production sees surprise drop in May

BBC

German industrial production saw its biggest drop in two years in May, weighed down by sharp falls in the construction and manufacturing sectors.

Industrial production fell 1.8% in May from April, according to the country's statistics agency Destatis.

The fall was a surprise, with the majority of economists expecting industrial output to be unchanged.

Destatis also cut April's industrial production figure slightly to -0.3%.

Germany's statistics agency blamed the timing of May bank holidays and weakness in the construction sector for the fall, but said “geopolitical factors” may also have had an effect.

Heathrow and Manchester issue must-be-charged gadget advice

BBC

Heathrow and Manchester airports have told passengers to ensure all electronic devices carried as hand baggage are charged before travel if they are flying to the US.

The move follows a request from the US that “certain overseas airports” implement enhanced security measures.

A new rule states that if a “device doesn't switch on, you won't be allowed to bring it on to the aircraft”.

However, it is being applied differently at the two sites.

Checks will be carried out at London's Heathrow both at security control and boarding gates, while a spokeswoman for Manchester Airport said that device power checks would only be done by airline staff at departure gates.

Gowex, the Spanish wi-fi firm, admits to false accounts for four years

BBC

The Spanish wi-fi firm, Gowex, is filing for bankruptcy after its boss admitted that the firm's accounts for the last four years were false.

Founder and chief executive Jenaro Garcia Martin resigned after making the admission to his board.

In a statement Gowex said that Mr Martin had told the board the accounts “do not show a full and fair view of the company's situation”.

On Thursday shares were suspended as a broker questioned the firm's revenues.

The US firm Gotham City Research had described Gowex as a “charade” and said that its revenues were “at most” 10% of those reported.

“We have evidence Gowex's largest customer was really itself,” the report said.saf.

Eurotunnel passengers face second day of disruption

BBC

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Pirates

G	O	H	D	Y	V	E	N	Z	I	C	Z	V	P	N	F	B	J	Z	T	X	T	K	Y	D
X	Q	K	T	L	G	O	R	S	I	Z	F	V	B	M	S	H	Q	Z	A	L	N	O	Z	O
B	E	Q	D	B	E	R	L	U	A	N	C	H	O	R	Y	B	U	S	E	D	I	T	C	H
I	U	L	H	L	O	A	O	T	S	F	L	E	E	T	T	A	E	P	E	H	J	Y	B	Y
N	O	C	L	F	N	U	L	N	A	A	B	O	V	J	S	X	S	B	D	F	E	G	W	J
G	W	A	C	D	P	N	N	O	P	B	E	Z	A	J	H	C	T	A	P	E	Y	E	D	S
Y	G	H	N	A	Q	N	C	T	O	G	X	R	F	R	D	J	G	R	A	E	N	T	K	L
V	A	G	H	H	N	R	D	B	Y	T	E	V	T	P	Y	F	Y	W	S	Q	S	T	V	H
B	Z	J	A	I	H	E	S	P	X	U	G	L	O	C	L	H	Z	L	Y	H	S	H	J	L
B	Z	K	K	N	Z	J	E	O	B	N	A	Q	G	L	M	F	B	C	B	G	T	R	L	V
D	Q	U	N	C	R	C	I	R	Q	L	N	Z	O	E	O	Z	L	G	P	W	A	T	L	K
H	O	O	Z	J	I	H	O	O	K	Q	G	O	V	V	P	G	X	X	Z	S	F	I	B	X
P	M	Z	E	A	A	G	B	L	P	A	P	E	C	B	I	P	T	T	X	X	Z	A	P	N
C	V	B	W	D	L	Y	X	P	J	Q	L	I	M	E	J	X	N	G	X	T	B	Y	R	J
W	Y	O	D	E	L	O	U	S	Y	X	A	I	N	L	A	H	I	Y	X	Z	R	X	Q	W
V	F	W	S	J	J	H	Y	V	V	B	N	S	X	C	X	N	A	G	B	R	N	S	G	P
J	T	S	P	O	T	A	X	P	R	M	K	E	O	T	G	A	T	Q	F	F	F	A	I	L
G	E	W	Y	H	Z	H	R	B	U	W	U	Q	C	X	G	T	P	Q	X	T	Y	D	I	R
V	T	I	I	S	M	I	C	F	C	E	I	J	K	I	M	P	A	C	T	E	V	P	S	Z
L	U	H	H	C	V	Z	A	T	S	T	D	W	K	P	K	V	C	F	K	K	S	G	Q	B
X	I	O	N	A	G	D	N	M	V	D	F	A	F	Z	C	J	Z	F	X	L	F	E	H	T
G	R	Q	T	N	R	T	N	L	L	D	E	Z	R	O	T	S	N	Q	N	I	A	K	V	B
E	E	E	H	L	P	Q	O	P	A	N	D	I	K	T	X	Z	E	O	H	N	P	J	T	N
P	E	U	T	Y	H	B	N	C	Q	F	M	L	A	G	F	Y	W	B	F	G	O	M	N	Q
R	L	P	W	Q	N	Q	J	M	D	K	M	H	K	S	K	E	J	L	L	O	V	K	X	F

Ahoy	Captain	Gold	Ocean	Shore
Anchor	Eye Patch	Hook	Pegleg	Tides
Bounty	Fleet	Island	Privateer	Trade
Buccaneer	Galleon	Kidnap	Quest	Treasure
Cannon	Gangplank	Loot	Scurvy	Vessel

Camping

N	R	P	S	C	E	E	X	W	T	Q	K	U	S	S	C	F	Y	P	S	K	H	Z	O	C
G	J	D	A	Q	E	B	I	R	G	X	H	B	G	C	I	X	E	V	D	R	J	D	L	U
A	V	B	V	L	W	L	B	S	W	D	T	W	K	C	E	K	W	Y	O	A	Z	Q	X	G
V	I	R	F	H	D	D	Y	F	A	D	M	N	K	A	A	N	R	Q	O	P	N	V	Q	D
N	I	D	D	L	Q	S	H	Q	T	I	L	E	E	L	Y	G	E	S	W	E	A	Y	B	P
S	F	X	I	U	S	C	S	B	E	G	C	I	S	M	X	A	T	R	I	T	J	W	E	P
I	L	F	P	H	Q	J	J	K	R	F	A	N	B	C	P	C	K	D	Y	A	B	W	S	N
P	E	E	M	J	F	S	V	R	B	N	I	N	D	Z	E	I	L	A	N	T	E	R	N	S
M	B	S	E	F	E	S	A	T	O	L	R	F	E	S	F	M	U	S	D	S	R	O	P	E
C	O	I	C	P	L	J	U	L	T	J	R	R	N	H	J	K	O	Q	X	Z	H	C	B	R
E	O	U	Z	C	I	L	T	E	T	F	O	I	L	K	W	W	S	O	E	O	N	A	C	Y
H	L	U	J	N	V	N	G	X	L	M	O	L	C	J	G	A	B	A	D	T	D	R	I	V
R	U	H	T	F	N	B	G	A	E	F	R	A	S	B	K	M	C	G	M	R	R	Q	K	W
C	O	G	P	D	I	G	S	B	O	C	P	B	N	M	C	D	J	H	G	A	Y	A	I	H
O	E	J	H	Q	O	H	C	J	A	K	Z	J	O	H	O	Q	R	B	P	I	J	S	O	Q
A	N	E	W	D	L	O	Y	Q	C	G	J	H	Z	L	M	S	M	A	N	L	B	B	U	E
M	O	B	H	I	P	D	R	A	B	P	F	Y	T	I	M	Q	Z	T	E	M	W	D	A	L
E	I	H	G	G	H	Z	B	S	E	J	O	X	P	Y	A	N	B	Z	L	I	E	S	J	J
L	C	H	Z	P	N	Y	K	Y	E	V	E	M	F	Z	H	Y	X	G	I	X	W	I	L	O
B	T	K	M	Y	T	I	H	E	R	U	T	N	E	V	D	A	S	S	A	P	M	O	C	F
L	M	V	X	C	K	X	H	N	D	R	B	M	E	X	L	F	N	P	S	N	H	K	Z	O
M	O	U	N	T	A	I	N	S	A	E	V	S	A	V	D	T	F	M	Z	M	C	G	P	R
H	G	P	I	U	T	C	F	H	I	K	T	O	T	T	W	G	A	A	H	N	Q	A	A	E
K	Z	D	Q	Y	M	R	Y	H	U	F	V	H	A	Q	R	I	R	R	N	K	A	W	D	S
D	B	H	R	P	D	H	H	C	W	P	E	D	T	F	T	S	N	O	P	U	H	O	D	T

Adventure	Equipment	Insects	Outdoors	Tarp
Backpack	Fishing	Kayak	Rope	Trail Mix
Cabin	Flashlight	Lake	Scenery	Water Bottle
Canoe	Forest	Lantern	Sleeping Bag	Wildlife
Compass	Hammock	Mountain	State Park	Woods

Musical Instruments

H	U	Y	S	T	G	Q	Q	G	F	O	D	Z	Y	Q	N	C	F	C	M	L	T	S	Z	C
U	A	K	E	F	I	F	E	A	L	L	P	F	E	V	L	I	R	L	F	X	L	G	R	H
P	G	R	U	G	X	U	M	L	N	I	U	M	C	A	W	U	L	R	V	A	T	E	E	I
F	S	B	M	L	E	G	E	H	A	Y	G	T	R	K	C	Z	D	O	B	D	W	L	D	M
W	C	T	W	O	E	C	R	N	M	L	L	I	E	F	J	J	G	M	D	D	Q	G	R	E
C	C	J	B	S	N	L	O	M	H	B	N	O	E	V	G	L	Y	M	U	N	W	U	O	S
K	F	O	U	Q	D	I	E	I	X	E	E	R	P	I	C	C	O	L	O	I	A	B	C	Y
X	X	A	D	P	H	Q	C	D	T	K	B	G	X	A	Q	E	Z	Z	O	G	F	M	E	Y
W	X	U	Z	S	S	P	Z	A	U	Q	A	A	U	A	B	V	N	F	O	E	Y	O	R	R
U	Q	E	H	W	U	S	S	S	I	E	G	N	I	C	S	T	F	X	W	F	A	W	S	O
N	A	I	N	J	L	Q	D	D	N	L	P	U	F	M	G	I	U	F	W	I	E	O	P	A
R	P	A	I	B	S	I	V	N	T	E	I	P	N	V	D	O	R	X	G	A	N	Y	P	Y
A	Z	J	I	H	F	M	M	I	T	L	P	K	I	D	Q	J	A	Q	R	O	U	U	B	B
S	Y	G	V	K	F	P	S	N	T	K	E	B	L	J	T	B	J	U	R	X	F	I	Y	M
M	R	T	C	W	O	G	C	B	P	L	S	E	P	P	B	G	T	Y	P	H	Y	Y	E	B
F	G	W	E	P	G	J	N	T	F	U	C	D	R	L	B	W	U	P	K	O	R	J	C	S
X	Y	Y	X	N	R	A	N	O	X	B	T	I	A	U	D	P	S	E	S	B	X	V	D	P
D	R	A	O	B	Y	E	K	A	G	Z	Q	V	H	Q	A	L	W	G	Y	O	G	H	R	G
X	K	M	Q	J	N	V	R	L	B	T	X	P	K	Z	C	K	A	L	G	S	E	X	F	W
S	N	Y	G	I	T	K	U	X	L	F	Z	A	N	A	R	R	M	Q	R	J	L	Z	F	H
I	P	T	X	I	G	Z	R	P	V	K	D	E	L	B	G	W	P	B	R	A	T	I	U	G
F	R	E	N	C	H	H	O	R	N	D	R	U	M	S	A	W	P	F	Y	H	E	Q	D	O
I	T	N	M	R	V	J	A	U	K	Y	J	V	K	T	T	M	B	D	Y	F	I	E	N	Q
R	R	X	H	T	N	B	O	U	J	D	W	S	H	P	E	Z	Y	G	Q	M	X	E	P	O
G	A	T	I	I	L	P	R	Y	Y	E	T	P	X	A	H	A	U	I	A	D	P	K	G	C

Bagpipes	Clarinet	Flute	Harp	Piano
Banjo	Cymbals	French Horn	Keyboard	Piccolo
Bugle	Drums	Gong	Mandolin	Recorder
Cello	Fiddle	Guitar	Oboe	Saw
Chimes	Fife	Harmonica	Organ	Ukulele

Cooking Terms

O	G	R	Z	N	Z	X	E	G	E	W	Z	T	E	Y	O	O	P	G	C	S	I	Z	N	U
D	I	I	F	P	P	T	B	A	S	T	E	J	N	Z	A	H	K	X	U	J	E	L	J	Y
P	V	D	G	A	A	S	I	G	L	P	U	O	H	E	I	L	H	N	H	N	M	C	C	R
R	P	Q	R	R	R	Z	T	U	M	I	A	S	E	U	M	L	W	A	A	X	U	I	I	K
R	C	E	O	Z	H	X	W	L	C	S	J	L	F	J	X	R	E	V	S	K	V	K	V	B
H	F	C	D	G	I	K	X	E	B	X	V	H	F	W	Y	M	E	M	H	K	H	B	Z	L
O	E	A	Y	G	H	V	Z	J	R	Q	X	K	B	F	H	H	V	F	A	F	P	U	L	C
D	Y	S	T	D	H	U	D	M	P	O	H	E	Q	G	P	A	Z	L	I	R	N	J	U	I
T	X	L	E	I	J	E	W	I	A	W	P	S	K	R	I	T	E	L	B	M	A	R	C	S
E	G	G	P	S	H	Z	K	M	C	R	J	S	E	Y	E	I	P	B	M	R	Z	C	Z	X
L	C	U	M	R	I	I	W	C	S	E	I	S	U	D	Q	G	Z	A	V	P	Q	L	M	U
L	S	S	T	C	S	R	C	N	H	H	E	N	P	A	I	O	K	K	E	C	L	F	B	T
I	W	G	H	C	A	E	J	H	W	R	J	E	A	P	I	H	W	Q	P	S	H	T	W	M
F	K	D	U	R	J	D	B	T	V	V	U	T	A	T	G	K	E	A	C	B	A	K	E	K
T	X	V	X	Q	N	N	G	E	C	S	O	U	Z	G	E	Y	J	U	Z	H	V	X	X	S
N	J	H	M	E	O	E	L	I	H	C	V	A	C	U	Y	G	S	I	P	Q	U	P	M	T
S	G	J	V	B	F	T	A	U	P	S	E	S	J	I	L	B	Y	W	E	E	I	R	B	V
R	W	A	Q	W	L	F	Z	R	Q	R	R	Z	I	F	Q	K	N	J	G	E	R	S	N	I
D	E	Z	W	S	R	K	E	S	W	I	C	O	J	B	J	O	Z	M	U	S	R	T	X	I
L	R	I	E	A	O	D	K	Q	Z	H	O	W	T	H	N	W	V	E	O	W	Q	U	O	N
D	T	P	Q	I	P	A	N	K	P	U	O	D	W	L	W	N	H	U	F	L	X	F	P	H
H	C	A	O	P	K	Q	G	N	A	S	I	K	W	B	L	A	E	B	E	W	R	W	Z	Z
P	J	R	R	C	Z	U	W	A	M	S	U	H	Q	M	A	E	N	P	Q	U	R	G	O	N
C	M	A	R	E	U	A	T	E	M	T	W	F	Q	A	D	L	B	M	N	X	C	P	Z	Q
Z	V	Z	V	X	X	K	V	E	F	C	Y	S	N	B	Y	O	Q	S	E	F	S	Q	Z	K

Easy

4	7					5		
	1		4	5	8		9	7
9		5				3		
				7	4	9		
					5		2	
7	2		3					
				3	7			
6	3	2	5		1			
8	4							5

Medium

			3		5	9		
9			2		1	4	7	5
				8	9			3
2					8		4	
			6		4			
					7	6	2	
	2						9	4
	3							
				7				

Difficult

					1			
6		1		9		3		
				3				
				1				
			9	5	2		1	
					3		4	5
				7			3	2
		3						
			3		9			

Expert

5	4					3		
					4			
9		3	8				4	
		2						
	5						1	
						8		
2				8				
		5						



Participants from expedition 701L2 celebrate after a morning of trail building at Indian Writings. Bethany Nilson/ Photographer



Maile Rowley, 6, is embraced by her mother, Kendee Rowley, at the 92nd Maverick Club Rodeo. Cassidy Johnson/Photographer



Gracie Ayers, program counselor at Rayado, demonstrates how to sharpen tomahawks. Morgan Court/Photographer



Jiggs Porter Calf Roping event at the 92nd annual Maverick Club Rodeo on July 4. Christine Henri/Photographer



ROCS crew 616MR2 waits for their other crew members as they finish their bike ride at Whitemen Vega. Doyle Maurer/Photographer



Lightning strikes as fireworks explodes in the sky over Eagle Nest on the Fourth of July.

John Mitchell/ Photographer