

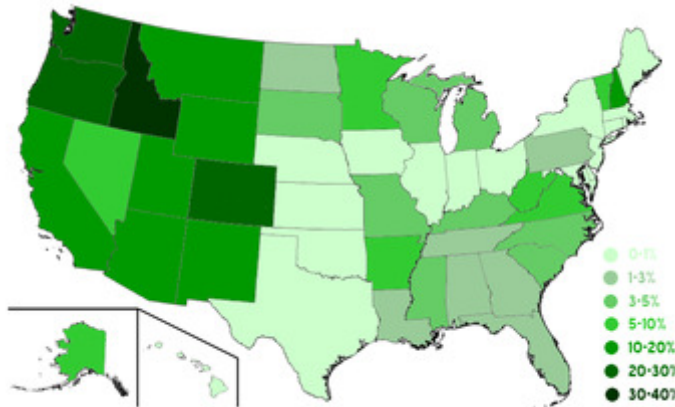
VOLUNTEER TODAY

Dedicate Yourself to Caring for the Land and Serving the People

<http://www.fs.fed.us/r5/angeles/volunteering/>

Los Angeles River Ranger District Volunteer Newsletter January 2015

Getting to Know the USFS (Fourth and last in a Series of Articles)



Activities

More than 80% of the 193 million acres of land managed by the United States Forest Service are in the western states. This map shows USFS lands as a percentage of total land area in each state.

Although a large volume of timber is logged every year, not all National Forests are entirely forested. There are tidewater glaciers in the Tongass National Forest in Alaska and ski areas such as Alta, Utah in the Wasatch-Cache National Forest. In addition, the Forest Service is responsible for managing National Grasslands in the Midwestern US. Furthermore, areas designated as wilderness by acts of Congress, prohibit logging, mining, road and building construction and land leases for purposes of farming and or livestock grazing.

Since 1978, several Presidents have directed the USFS to administer National Monuments inside of preexisting National Forests including:

- Admiralty Island National Monument - Alaska
- Giant Sequoia National Monument - California
- Misty Fjords National Monument - Alaska
- Mount St Helens National Volcanic Monument - Washington
- Newberry National Volcanic Monument - Oregon
- Santa Rosa and San Jacinto Mountains National Monument - California (jointly administered with the Bureau of Land Management)

The Forest Service also manages Grey Towers National Historic Site in Milford, PA, the home and estate of its first Chief, Gifford Pinchot.

(CONT TO P2)

Electronic copy of Newsletter at:
<http://www.mtlowe.co/VolunteerNews.htm>

If you want to go fast, go alone; if you want to go far, go with others.

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Getting to Know the USFS (CONT)

Fighting Fires



In August 1944, to reduce the number of forest fires, the Forest Service and the Wartime Advertising Council began distributing fire education posters featuring a Black Bear. The poster campaign was an overwhelming success; the Black Bear would later be named "Smokey Bear", and would, for decades, be the "Spokesbear" for the Forest Service. Smokey Bear has appeared in innumerable TV commercials; his popular catch phrase, "Only YOU can prevent forest fires", is one of the most widely recognized slogans in the United States. A recent study found that 95% of the people surveyed could complete the phrase when given the first few words

In September 2000, the Departments of Agriculture and the Interior developed a plan to respond to the fires of 2000, to reduce the impacts of these wildland fires on rural communities, and to ensure sufficient firefighting resources in the future.

The report is entitled "Managing the Impacts of Wildfire on Communities and the Environment: A Report to the President in Response to the Wildfires of 2000"— The National Fire Plan for short. The National Fire Plan continues to be an integral part of the Forest Service today. The following are important operational features of the National Fire Plan:

- Federal Wildland Fire Management Policy: The 1995 Federal Wildland Fire Management Policy and the subsequent 2001 Federal Wildland Fire Management Policy act as the foundation of the National Fire Plan
- Basic Premise of the National Fire Plan: Investing now in an optimal firefighting force, hazardous fuels reduction, and overall community protection will provide for immediate protection and future cost savings
- Funding: Initially (2001), the National Fire Plan provided for an additional \$1,100,994,000 for the Forest Service for a total wildland fire management budget of \$1,910,193,000. In 2008, the total amount for the Forest Service in wildland fire management (not including emergency fire suppression funding) is \$1,974,276,000
- In August 2014, Tom Vilsack, the Secretary of Agriculture, announced that the agency will have to put \$400 to \$500 million in wildfire prevention projects on hold because funding for firefighting is running low as the fiscal year ends. The decision is meant to preserve resources for fighting active fires burning in California, Oregon, Washington and Idaho. Politicians of both parties have indicated that they believe the current funding structure is broken, but they have not agreed on steps to fix the funding allocation.

(CONT TO P3)

Getting to Know the USFS (CONT)

Budget

Although part of the Department of Agriculture, the Forest Service receives its budget through the Subcommittee on Appropriations—Interior, Environment, and Related Agencies.

Forest Service Appropriations, FYs 2006–2008 -

Appropriations Title (Dollars in thousands)	FY 2006	FY 2007	FY 2008
Research	\$277,711	277,711	280,488
State and Private Forestry	308,966	308,966	279,961
National Forest System	1,455,646	1,455,646	1,452,729
Wildland Fire Management	1,846,091	1,846,091	2,193,603
Capital Improvement and Maintenance	438,334	436,400	488,768
Land Acquisition	43,056	46,667	43,091
Other Appropriations	8,618	7,948	8,779
Subtotal, Discretionary Appropriations *	4,377,972	4,697,796	5,039,428
Subtotal, Mandatory Appropriations	795,170	721,068	767,215
Total Forest Service	\$5,173,142	5,418,864	5,806,643
* Discretionary Appropriations includes Regular appropriations plus Supplemental and Emergency Appropriations.			

Popular Culture



Lassie with Robert Bray as a US Forest Ranger

The US Forest Service achieved widespread awareness during the 1960s, as it became the setting for the long running classic TV show Lassie with storylines focusing on Lassie's adventures with various forest rangers.

The iconic collie's association with the Forest Service led to Lassie receiving numerous awards and citations from the US Senate and the Department of Agriculture, and was partly responsible for a bill regarding soil and water pollution that was signed into law in early 1968 by President Lyndon Johnson, which was dubbed by some as "The Lassie program"

http://en.wikipedia.org/wiki/US_Forest_Service_-_cite_note-jcs-8

Controversies

The history of the Forest Service has been fraught with controversy, as various interests and national values have grappled with the appropriate management of the many resources within the forests. These values and resources include grazing, timber, mining, recreation, wildlife habitat, and wilderness. Because of continuing development elsewhere, the large size of National Forests have made them de facto wildlife reserves for a number of rare and common species. In recent decades, the importance of mature forest for the spotted owl and a number of other species led to great changes in timber harvest levels.

In certain fire-adapted ecosystems, the ensuing decades of fire suppression unintentionally caused a buildup of fuels that replaced the historically natural fire regime of slow-burning, relatively cool fires with fast-burning, relatively hot wildfires in the fire-adapted forest lands across the nation.

In the 1990s, the agency was involved in controversy when it provided surplus military aircraft to private contractors for use as air-tankers. Another controversial issue is the policy on road building within the National Forests. In 1999, President Clinton ordered a temporary moratorium on new road construction in the National Forests to "assess their ecological, economic, and social values and to evaluate long-term options for their management." Five and half years later, the Bush administration replaced this with a system where each state could petition the Forest Service to open forests in their territory to road building.

January 17, 1913 page: II 1

Life's Peak--Death

FATHER OF MT. LOWE RAILWAY PASSES ON

Prof. THADDEUS S. C. LOWE, scientist, balloonist, inventor and builder of the Mt. Lowe railway, died at 5 o'clock yesterday morning at the home of one of his daughters, Mrs. Edna Lowe Wright, No 280 South Euclid avenue, Pasadena. He was 80 years old and his death came after he had been bedridden for about a year with a broken hip. For several weeks it had been known that he could not recover from this and ailments due to age. He had lived in Pasadena since 1887. The funeral services will be conducted in St. James Episcopal Church, South Pasadena, at 2 o'clock tomorrow afternoon. Interment will be in Mountain View Cemetery, Pasadena, and will be private.

Beside Mrs. Edna Lowe Wright, Prof. Lowe leaves four daughters and three sons. They are Mrs. John Long, of Berkeley; Mrs. H. M. Brownback, Norristown, Pa. Mrs. W. A. Wright, also of Norristown. Mrs. Herbert C. Brown, Chattanooga; L.P. Lowe, San Francisco. S.C. Lowe, this city, and Thaddeus Lowe, South Pasadena. His wife died at San Francisco, May 16, last.

Prof Lowe was born at Jefferson, N. H. August 20, 1832. After having completed a common-school education, he took up the study of chemistry and became interested in balloon construction. He also studied atmosphere phenomena. He invented many instruments of importance including an altimeter. For measuring latitude and longitude without a horizon. In 1862 he invented a system of signaling to the commanders of field batteries from high altitudes. He invented an artificial ice-compressing machine in 1865 and was the first to make artificial ice in the United States. He gained fame by building regenerative metallurgical furnaces for gas and petroleum in 1869-72. He was the inventor of the Lowe water-gas machine and perfected the Lowe coke oven system used to produce gas and metallurgical coke simultaneously.

UP THE MOUNTAIN.

The construction of the Mt. Lowe railway and the observatory on Echo Mountain are important in the history of Southern California and the achievement was to Lowe the gratification of an absorbing ambition. In 1890 he put a corps of engineers in the mountains to make surveys. They had instructions to examine all peaks in the district. After months of work on their part, and indefatigable labor on his own. Prof. Lowe worked out a plan which caused much astonishment and no little skepticism on the part of his friends. In short, he announced that the railroad to the point where the Alpine Tavern now stands could be constructed for electric cars, with the exception one steep place, the ascent of Echo Mountain, and that this difficulty could be overcome by means of a cable incline. Work was begun and old settlers who known Mt. Lowe as Oak Mountain began to call it by his name. April 12 1892, was the date of the actual commencement of work. D. J. Macpherson of Pasadena was in charge of all the engineering and construction work.

On September 24, 1892 the first ascent of the mountain on horseback was made. Prof. Lowe led the party. The American flag was raised on the summit for the first time and the peak formally christened Mt. Lowe. Those who accompanied Prof. Lowe on this memorable trip were Charles A. Gardner, T. W. Brotherton, C. W. Brown, Dr. G. Roscoe, Thomas a. Randell, T. W. Parkes, Thaddeus Lowe Jr. and Master Willard Brotherton.

IN LOS ANGELES TIMES (CONT)

WAR BALLOONIST.

The ballooning exploits of Prof. Lowe are interesting. He became interested in balloons when a boy and for a long time entrained the hope that some day he should cross the Atlantic Ocean in the air. He wrote several letters to officials of the Smithsonian Institution which caused much discussion. Having at last fitted on a large gas bag with which he expected to cross the ocean. he made his plans, but was prevailed upon by friends to essay a trip over land in a smaller balloon. to test the air currents, first. This he did at Cincinnati April 20, 1861, in the balloon Enterprise. The balloon started West, but at an altitude of 7000 feet turned eastward. Then it took a southerly course and Lowe finally landed at Pea Rodge, L. C. He had been in the air eight hours and traveled 350 miles.

Prof. Lowe wired President Lincoln from Tennessee and was the first to notify him that that State had decided to join the Confederacy. He became greatly interested in the value of balloons in warfare and went to Washington to offer his services in the army. At first he met with rebuffs., but finally he took his balloon to Smithsonian Park, where experimental ascensions were made. On one of these ascensions he took a telegraph instrument up and sent a message to the President. Lowe used his balloon in the Yorktown and Williamsburg campaigns. It was used daily on a tour of inspection from near Gen. Fitz Porter's headquarters. Lowe is credited with having rendered valuable service to the army of the Potomac from Bull Run to Gettysburgh, making observations and giving many timely warnings.

For some unexplained reason the use of balloons was abandoned early in the war and Lowe sold his equipment to the Brazilian government.

IN THE LOS ANGELES TIMES FLASH FORWARD!

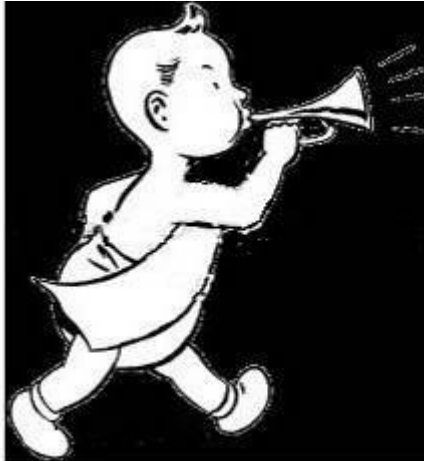
Before he became a California resident, this New Hampshire native served as a civilian in the Civil War as the Chief Aeronaut of the Union Army Balloon Corps for Abraham Lincoln. Upon leaving military service Lowe produced artificial ice, which allowed meat and produce companies to freeze their products and make them available to more consumers who lived further away.

Gas heating and lighting were next on the agenda and he excelled in those fields as well, earning the Franklin Institute's highest honor, the Cresson Gold Medal. By the end of the 1880's, more than 70 percent of all the homes in the United States were either heated or illuminated by Lowe gas. All of this was done with no more than a fourth grade education.

In 1887 he moved to Los Angeles, California, and eventually built a 24,000 sq. ft. home in Pasadena. He opened several ice making plants and founded Citizen's Bank of Los Angeles. Lowe was introduced to David J. Macpherson, a civil engineer, who had drawn up plans for a scenic mountain railroad. In 1891 they incorporated the Pasadena & Mount Wilson Railroad Co. and began the construction of what would become the Mount Lowe Railway into the hills above Altadena. The railway opened on July 4, 1893 and was met with quick interest and success. Lowe continued construction toward Oak Mountain, renamed Mount Lowe, at an exhaustive rate, both physically and financially. By 1899 Lowe had gone into receivership and eventually lost the railway to Jared S. Torrance. Lowe's fortunes had been all but lost, and he lived out his remaining days at his daughter's home in Pasadena where he died at age 80.

DON'T FORGET !!!!!

Don't Forget ! LARRD Volunteer Meeting



**JAN 21, 2015
7:00 p.m.**



**701 N Santa Anita Ave.
Arcadia, CA 91006**

Cake Flipping Success!!

Thank you to everyone who came out for our 2014 Pancake Breakfast!

The MWBA Pancake Breakfast gets better with each passing year. At a new location this year, MWBA had a great turn out and the event was fantastic. Farnsworth Park was family friendly and easily accessible to everyone.

Plenty of mountain bikers showed up for grub and the famous raffle and many other trail user groups joined us as well.

Cheers to all the volunteers, vendors, and members who made the event a smashing success!

A massive thank you to everyone who bought piles of raffle tickets and the businesses that donated items to our raffle! This is our main fundraiser for trail work and mission funding and we are very grateful for all who contributed.



TRAINING OPPORTUNITIES

HAT Training VHC WLACC 2014

**Become a USFS approved Trail Boss
Supervise Trail Maintenance
for the youth in your group.
(Great Eagle Projects!)**



A GREAT TRAINING PROGRAM NOT ONLY FOR BOY SCOUTS BUT FOR ALL VOLUNTEERS!

**Let us train you and other adults in your group
so that you are qualified to do Trail Surveys and set up projects
and complete them on your own.**

Purpose:

To provide properly trained personnel with the ability to supervise either “Trail Blazing” or “Forest Conservation” program projects at the unit level.

All Trail Bosses will be trained by USFS Personnel or their approved Trail Boss Trainer.

Requirements:

Must be 18 or older.

Complete 4 days of 6 hours each in training exercises with the Trail Boss Program.

Conduct an approved Weekend project. Minimum 10 hours with your unit. (or another unit) under your supervision, and have it checked out by the Trail Boss trainer.

(Training days do not have to be consecutive days, weeks, or even years).

Training objectives are Tool, Personal Safety, Condition Survey, Brush Clearing, Tread Work, French Drains, Trail Dips, Soil Sacks, Water Bars, Switchback Construction, Tread Support, Etc.

Bring: Gloves, Hat, Water and Lunch, 10 essentials, Day pack, Work clothes.

Training days 2015 :Jan 10/11 Mar 07/08 Apr 25/26 May 02/03

Call to confirm training day, Time and Meeting Place. (Course cancels if no calls)

We meet at McDonalds at Bouquet Cyn. Rd. & Valencia Blvd, in Valencia at 8:00 AM.

Contact:

Patrick Aubuchon, Chief Trail Boss.

818-781-7465 - bigaub@sbcglobal.net

TRAINING OPPORTUNITIES

CHAINSAW CERTIFICATIONS

Mark Twain once said, "It is better to be careful 100 times than to get killed once." Chain saws are powerful tools. A chainsaw at full throttle moves over 50 miles per hour and commands extra attention to safety.

Chainsaw operators must use the proper precautionary measures before working. They must never become lazy with safety! When a chainsaw operator becomes lazy and neglectful, accidents will happen!

Get Certified! Be Safe!



OK, here's the certification plan -

Firefighter Greg Stenmo has agreed to take all of the A Sawyers (people with a current or recently expired A certification) and hold a special training session on 3-4 January in order to get them upgraded to B Sawyer.

The following weekend, 10-11 January, a training session will be held here at the District Office for those individuals who want to get their A Sawyer certification. Those who passed the B Sawyer certification course will be asked to help with this training.

Everyone needs to have First Aid/CPR/AED training before taking either A or B chainsaw training.

I need names of all those who would like to take either A or B chainsaw certification training. Please reply to this message with the following information:

NAME -

CURRENT CERTIFICATION - A or B? -

FIRST AID/CPR/AED - Yes or No? -

Thanks,

Dennis Merkel, FPO / CPRP
District Recreation Officer
Los Angeles River Ranger District
Angeles National Forest and
San Gabriel Mountains National Monument
Phone: (818) 899-1900 Ext 229
Fax: (818) 896-6727
Email: dcmerkel@fs.fed.us<<mailto:dcmerkel@fs.fed.us>>

BE AWARE!

In the United States, about 700 deaths occur each year from hypothermia. Hypothermia happens when your body temperature drops to 95 degrees F (35 degrees C) or less and can be fatal if its not detected promptly and treated properly.

Who's at risk? Some people are at an increased risk of getting hypothermia because they're vulnerable to cold environments or they're unable to keep warm.

These include:

- **Babies can lose heat quickly** if they're left in a cold room because they can't regulate their body temperature as well as older children and adults. Newborn babies in particular are at risk for the first 12 hours of their life.
- **Older people**, particularly if they're not very active, do not eat enough, have other illnesses or take medication that can interfere with the body's ability to regulate temperature.
- **Homeless people** who are unable to find shelter.
- **Heavy drug and/or alcohol users** – these substances affect the body's ability to retain heat. The blood vessels stay widened (dilated), allowing heat to escape. Someone who is under the influence of drugs or alcohol may also not realize they have hypothermia.
- **People with a condition that affects their memory**, such as Alzheimer's disease, may not be able to recognize the symptoms of hypothermia or recognize when they're cold.
- **People with certain health conditions**, such as heart problems, severe arthritis or someone who has had a stroke. These conditions can change the body's ability to respond to temperature changes – for example, by affecting the fingers and toes (where you may first feel cold).
- **People taking sedatives**, which can interfere with the body's ability to regulate temperature.
- **Someone who has fallen into cold water**, which can cause the body's core temperature to fall very quickly.

What to watch for: If you have hypothermia, you'll first feel cold, shiver, and seem socially withdrawn. As the condition worsens, you can become confused, sleepy, and slur your speech. In the most severe stage, the heart can slow down dangerously.

Stay-safe tips: To prevent hypothermia, wear warm, multi-layered clothing with good hand and feet protection and a warm hat or hood. If you notice symptoms, the Centers for Disease Control and Prevention recommends seeking medical attention immediately. If medical attention is not available, remove any clothing that's wet, and wrap up in a warm blanket to prevent further heat loss. Warm beverages may help increase the body temperature, but do not drink alcoholic beverages. Also, do not take a hot shower or bath, because it can cause shock.

Community
Services
& Parks



January 2015

Saturday, January 3, 2015 **Experimental Forest Visit**
9:00 a.m. - 12:00 p.m. **Verdugo Mountains**

Saturday, January 10, 2015 **Riverwalk Workday**
8:00 a.m. - 12:00 p.m. **Glendale Narrows Riverwalk**

Saturday, January 17, 2015 **Wilderness Workday**
8:00 a.m. - 12:00 p.m. **Deukmejian Wilderness Park**

February 2015

Saturday, February 7, 2015 **Riverwalk Workday**
8:00 a.m. - 12:00 p.m. **Glendale Narrows Riverwalk**

Saturday, February 14, 2015 **Trail Building 101**
9:00 a.m. - 12:00 p.m. **Location to be determined**

Saturday, February 21, 2015 **Wilderness Workday**
8:00 a.m. - 12:00 p.m. **Deukmejian Wilderness Park**

March 2015

Saturday, March 7, 2015 **Geology Program**
9:00 a.m. - 12:00 p.m. **Deukmejian Wilderness Park**

Saturday, March 14, 2015 **Riverwalk Workday**
8:00 a.m. - 12:00 p.m. **Glendale Narrows Riverwalk**

Saturday, March 21, 2015 **Wilderness Workday**
8:00 a.m. - 12:00 p.m. **Deukmejian Wilderness Park**

April 2015

Saturday, April 4, 2015 **GO! Program (Glendale Outdoors)**
9:00 a.m. - 12:00 p.m. **Deukmejian Wilderness Park**

Saturday, April 11, 2015 **Riverwalk Workday**
8:00 a.m. - 12:00 p.m. **Glendale Narrows Riverwalk**

Saturday, April 18, 2015 **Wilderness Workday**
8:00 a.m. - 12:00 p.m. **Deukmejian Wilderness Park**

VOLUNTEERS NEEDED!



ATTENTION VOLUNTEERS

**Graffiti has invaded Eaton Saddle!
Requesting volunteers to help
the Blight Busters Trail on January 2nd
to get rid of the Graffiti**

contact Danny Treadway at dayhiker86@yahoo.com

VOLUNTEERS NEEDED!

The Mount Wilson Trail Race Committee needs volunteers to help groom the trail for training and running for the race, scheduled for Saturday, May 23, 2015.

Volunteers should bring their own water, gloves and sun protection. Trail tools will be provided.

We will meet at Lizzie's Trail Inn at the Mt. Wilson trailhead (Mt. Wilson Trail Road and Carter in Sierra Madre) at 8:00A.

You must email Race Chair Pete Siberell (psiberell@santaanita.com) if you are coming so we will have adequate tools ready.

Dates:

- **Sunday, January 25**
- **Sunday, February 22**
- **Sunday, March 29**
- **Sunday, April 26**
- **Sunday, May 10**

Call Pete Siberell at 626-574-6373 if you have any questions.

Gabrielino Trail Help

The Gabrielino Trail from Red Box to West Fork has been worked by volunteer crews in the past and is on the list for future trail work. Bear in mind we have over 375 miles of trails in the Los Angeles River Ranger District alone and the majority were damaged or destroyed by the Station Fire so it will be a long time before all trails are restored to a degree considered adequate. Some of the damage is so extensive that contractors have been hired to help restore the trails and in fact a project will begin on the Strawberry Peak/Colby Canyon Trail the first of next month to restore the washed-out areas. Forest Service partners such as the National Forest Foundation and Friends of the Forest are actively participating in restoration efforts. The Gabrielino Trail has had several Boy Scout Troops as well as other volunteer groups provide maintenance. We are always looking for more volunteers to assist throughout the District. If you know of anyone interested, please contact me.

Thanks,

Dennis Merkel, CPRP, FPO

District Recreation Officer

Los Angeles River Ranger District

Angeles National Forest

Phone: 818 899-1900 Ext 229

Fax: 818 896-6727 Email: dcmerkel@fs.fed.us

VOLUNTEERS AT WORK



**Brenda, Thurman, Erick
working on Grizzly Flat
Road/Trail.
by Brenda Beck**

**Brenda, Thurman, Erick
working on Grizzly Flat
Road/Trail.
by Brenda Beck**



**Brenda, Thurman, Erick
working on trail.
by Brenda Beck**

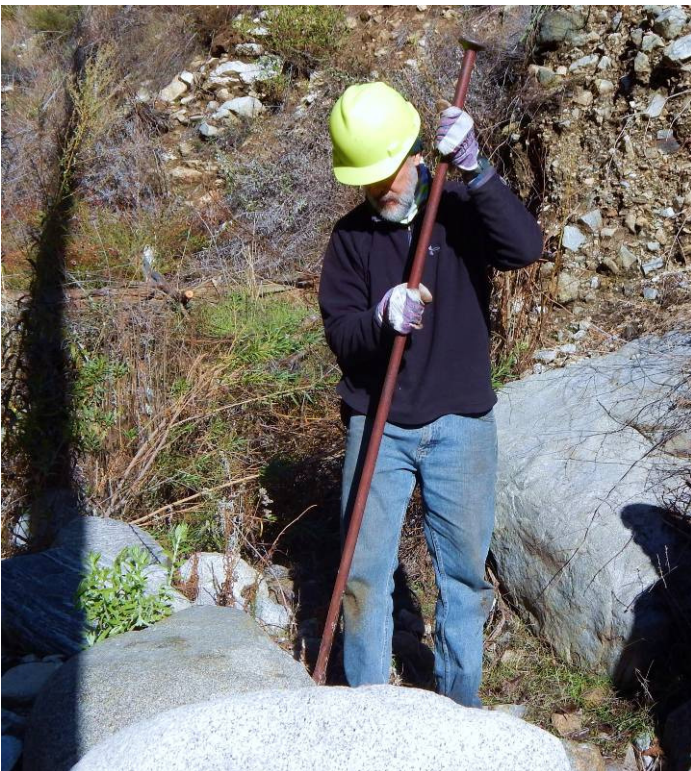




**Angeles Mountain Bike Patrol
at the Montrose Christmas
parade
by Mike McGuire**



**Angeles Mountain Bike Patrol
Robin McGuire getting a picture
with her favorite bear at the
Montrose Christmas parade
by Mike McGuire**



**Dave Baumgartner is surveying the
trail for original tread and using rock
bar to smooth the trail and create steps
by Brenda Beck**

AC100 <http://www.ac100.com>

- The 28th Annual AC100 Race for 2015 is full!
- The race for 2016 on-line registration will begin on August 3, 2015 @ 12:00 Noon, following the conclusion of the 2015 race..

Angeles Mountain Bikers and Trail Keepers

Mark Gage mrgy33@hotmail.com

- Trail Maintenance "Gardening by the Mile not the Yard."....Hikers and Bikers working together on trails. We work on the trails almost every Saturday. Our focus trails are Lower Sam Merrill, Castle Canyon and Echo Mt. Trails.

Angeles Mountain Bike Patrol m.rmcguire@hotmail.com

Our mission is to provide educational and a responsible image to all trail users. To encourage rider's to obey forest regulations and working to preserve and protect trails. A.M.B.P is here to serve and inform the public

**ANGELES NATIONAL FOREST
FIRE LOOKOUT ASSOCIATION**

<http://www.anffla.org>

Pam Morey pammorey@fs.fed.us

Forest Care Program Coordinator

909-744-9510 ext. 125

- Help rebuild Vetter Mtn Fire Lookout with a purchase of a reusable tote bag for \$5.
- **BECOME A FIRE LOOKOUT!** It's probably easier that you realize to become an active Fire Lookout with the ANFFLA. It just takes a few classes training (which are quite fun!) and the desire to spend some time in the Angeles National Forest. For more information about becoming a fire lookout pammorey@fs.fed.us or 909-744-9510 ext. 125
- Help support ANFFLA every time you shop!
Register your Ralphs Club Card and your Food4Less card and ANFFLA will receive a donation every time you shop. It's an easy to help support our efforts and costs you nothing!



Antelope Valley Conservancy www.avconservancy.org

avconservancy@yahoo.com Face book: Antelope Valley Conservancy

PHONE (661) 943-9000

- Looking for a sustainable gift? Consider giving a Membership in Antelope Valley Conservancy. Only \$25. A gift that keeps on giving.
- If you use Google or any other search engine, please try GoodSearch.com to help us build the Sustaining Endowment. Just type "av conservancy" as your charity and Yahoo donates a penny for each search- at no cost to you! Do it now, so you don't forget. Thank you!

Arroyos and Foothills Conservancy <http://www.arroyosfoothills.org/>

John Howell, (626) 796-0782 johnrhowell@earthlink.net

Face book: Arroyos & Foothills Conservancy

If you have any questions, please email Jennifer Taylor at jennifertaylor@arroyosfoothills.org or call AFC at 626.796.0782 We'll see you there!

BEAR CANYON TRAIL CREW

Andy Hoyer abhoyer@yahoo.com
213-675-0420

VOLUNTEER GROUP NEWS

Blight Busters Trail Crew

Danny Treadway dayhiker86@yahoo.com

- Jan 2nd Eaton Saddle

Boy Scouts of America Los Angeles Area Council

<http://www.laac-hat.org/>

- Jan 11th/12th Trail boss Training (SEE PAGE 7)

Big Santa Anita Canyon

<http://www.bigsantaanitacanyon.com/>

- Open Year round, 6 am to 8 pm every day.
- The road is gated and the gate is locked at night.
Be sure to return to your car before 7:30 pm or you may not get out!
During and after heavy rains, fires, or after significant earthquakes, and during fire alerts the road may be closed.
- The Sierra Madre Police Dept. is in charge of locking/unlocking the gate. If you are concerned that the road might be closed you can call them for info: 626 355-1414.
- Adams Pack Station Contact: Friday, Saturday & Sunday 8:00 am - 5:00 pm (626) 447-7356

California Trail Users Coalition (CTUC)

<http://www.ctuc.info/ctuc/>

- JAN 21st MEETING

Come and Join Us CTUC meets at 5:00 p.m. at 3550 Foothill Blvd., Glendale, CA.

Our meetings are open to everyone who wishes to participate. Volunteers have a great time working together on these types of projects. To volunteer on one of our projects, please join us by calling our Chairman, Terry Kaiser at 818-353-4682. You may also email: edwaldheim@aol.com

CITY OF GLENDALE <http://www.glendaleparksfoundation.org>

Parks, Recreation & Community Services Dept
818-548-2000

Your Friends in Trails and Open Space

- Check out the 2015 colander on page 10
- Jan 1st - Experimental Forest Visit
- Jan 10th - Riverwalk Workday
- Jan 17th - Wilderness Workday

What's buzzin cuzzin?

Hey all you Hepcats don't be a square!

We have an unreal schedule of events planned for 2015.. it's like crazy man!

The events are cool. The locations are boss. And the work is made in the shade.

So Daddy-O put on your outdoor work threads and have a blast.

You don't need any bread because everything is free.

• **Jan 1st - Los Pinetos to Wilson Saddle RT**

Join us for our annual New Year's Day hike! Today we'll meet at the Walker Ranch Trail head and take the Los Pinetos Trail up to 3N17, then follow it all the way to Wilson Saddle. Total Mileage is about 5 1/2 miles with about 1000 ft. gain.

Bring: Snacks, lunch, lots of water and wear boots with good tread. If you have poles, they will be helpful going up Los Pinetos. Your camera also....there will be ample opportunity for some nice shots!

Meet: At Walker Ranch Trail head (by the road) at 9:45AM for a 10:00AM SHARP departure.

Directions to Walker Ranch Trailhead: From the I-5 freeway, take the SR-14 North to Placerita Canyon Road. Exit. Turn right. Go about 4 miles into the Canyon. You will see the Walker Ranch Trail head on your right side. There will be a large wooden sign.

Rating: Moderate, due to gain **Leader:** Dianne

• **Jan 3rd - Mentryville - EASY 4 miler or Peak above Pico Cyn - MODERATE 8 Miler**

This can be a great 8 mile round trip hike with about 1200 ft of gain. The first 2 miles of the hike is pretty flat (only 200 ft gain) on a paved road until we reach Oil well #4. The well was owned by California Star Oil, later to become Standard Oil of California. We'll catch a little local history along the way. If you return to the parking lot from here, you have clocked an Easy 4 miles. After well #4, we begin to climb the next 2 miles and add another 1000 ft getting to the top. At the top will be a table where we can have lunch/snacks, and relax for a bit. The views are some of the best in Santa Clarita Valley from this point! On our return, we will take a different, more challenging but shorter trail back. We will pass a mock-up of an oil well (see photo above), an old bar, and a dancing / recreation area used by the oil workers in the 1930's. From there, we return back down the canyon to our vehicles.

Meet: At the parking area in Mentryville at 8:00 AM, for a 8:15 SHARP departure.

Bring: Lots of water, snacks, camera. Wear a hat, sunscreen and bring poles if you have them. If going all the way to the top you need boots with plenty of tread for the return hike. You will be making your way down a narrow trail and a small waterfall. Poles will be helpful for the longer hike, if you have them.

Directions: Take Lyons Avenue WEST. It will become Pico Canyon. Continue on Pico until it ends. It will end in the town of Mentryville. Go over the bridge and park close to the big pepper tree by the rest room, where Steve will meet you. You must pay MRCA parking to park here of \$5.00. If you wish to avoid this parking fee, you can park outside the green entry gate for free (back at the turnout "Y" up the road, and walk in). If doing this, allow an additional 40 minutes to walk in.

Rating: You pick - Easy (4 miles/ 200ft gain) or Moderate (8 miles and 1200ft gain) **Leader:** Steve

• **Jan 10th - WELCOME BACK ONE OF OUR BEST HIKES! - Fish Canyon to Piano Box**

Description: This is an amazingly beautiful area with 37 endangered species. It is prime yellow-legged frog and Arroyo Toad Habitat. Bring your camera. Not only is the area beautiful, but you might see some of the endangered species along the way. Please stay on the trails here, and watch where you step during the river crossings. This is an 8 mile total, out and back hike, to Piano Box. The only major hill is the asphalt road coming back up to the cars. It is fairly level the rest of the way. The hike starts on the asphalt road, moves onto a dirt road at the north end of Castaic lake and follows Fish canyon. The trail here is interspersed with portions of the old cement road from the 1930s. Then we split off the main trail for the trail to Piano Box, a beautiful single track wooded trail. We will snack and rest at Piano box and have ample time to enjoy the canyon walls of reddish rock before returning.

Meet: At the trail head at 8:00 for an 8:15 SHARP departure.

Bring: Lunch, lots of water (2 - 3 liters), snacks, hat, layered clothing, camera, hiking poles to help at water crossings are recommended.

Wear: Hat, sunscreen, shoes with good tread. If we expect water crossings due to conditions, we will update you on Meet Up. When there are crossings, water shoes are recommended due to algae build up (and 'cos there are 24 water crossings we may encounter, if the creek is running high). If you do not have water hikers, we suggest you wear boots or athletic shoes that can get wet and bring a change of shoes/socks for the return trip home.

Directions to Trail head: Take the I-5 Freeway North from Santa Clarita. About 6 miles north of Lake Hughes/Castaic, exit at Templin Highway. Turn right. Follow this road all the way until it ends at a closed white gate. You can park along the road, we will meet at the gate.

Rating: Moderate **Leader:** Dianne

Community Hiking Club (CONT)

• Jan 17th - Switzer Falls and Bear Canyon

This is a relatively easy hike into one of the loveliest sections of the San Gabriel Mountains. The hike meanders back and across the stream running down the spectacular Arroyo Seco Canyon. The stream is lined with oaks and alder, with the water cascading over granite into mirror-like pools. The hike travels high above the 50 foot high Switzer falls, then drops back to the stream, where hikers can double back to stand at the base of the falls. We will continue down Bear canyon a ways until we get bored with beauty/trail overgrowth and then turn back. The hike is 4.5 - 6 miles total and is an in and out, with 600 ft elevation gain (most of that is in one short section). An Adventure pass is required for those who drive!

BRING: Poles, lunch/snacks, water, camera, hat and sunscreen

Meet at Towsley Canyon to carpool at 7:15AM, or at the Trail Head at 8:30AM.

Directions from Towsley to Trail head: Take 5 to 210 East. From I-210 in La Canada, take Highway 2 north and drive 10 miles to the Switzer Picnic area, which will be on the right. Descend to the parking area outside the campground. You will see a foot bridge over the stream, leading to the trail head. (Lat:34.2663 Lon:118.1336)

Directions from Palmdale to Trailhead: Take the Angeles Forest Hwy to the intersection with the Angeles Crest Hwy (2), turn left and you will see the road to the parking lot on the right side less than 1/2 mile after the intersection.

To carpool from Towsley, please meet at 7:15 for a 7:30 SHARP departure to the trail head.

Directions to Towsley meeting spot: From Valencia, take the I-5 South to the Calgrove exit. Exit, turn right. Go through the signal and immediately turn right into the driveway for Towsley Canyon. Park OUTSIDE the gate. Look for the hiking club members and leader there.

See map below:

<https://www.google.com/maps/dir/Switzer+Falls+gate,+Angeles+Crest+Highway,+California+91001/Towsley+Canyon+Park,+24255+The+Old+Road,+Newhall,+CA+91321/@34.2556123,-118.4988793,11z/am=t/data=!3m1!4b1!4m13!4m12!1m5!1m1!1s0x80c2e8ef76670a89:0x64b59bf9328041f2!2m2!1d-118.146326!2d34.268914!1m5!1m1!1s0x80c28424011eae45:0x273c66b1e2dc23ee!2m2!1d-118.555788!2d34.357722>

Rated: Moderate **Leader:** Steve

• Jan 24th Keep that New Year's Resolution to start Hiking! Whitney Canyon to the Waterfall

You have no excuses! This is an Easy hike for you to start getting more fresh air and exercise. This is such a pleasant and easy "out and back" hike that you do not have to leave the kids or dog at home either. A beautiful flat (barely) 5 mile hike, along a river bed with shadey oak trees along most of the route. Your hike starts along a dirt road, but after about a half mile, becomes a single track - all the way to a nice little waterfall. The waterfall may be flowing again at this time of year. Expect to see squirrels, woodpeckers and other birds that like a riparian habitat. And, for all 8 year old boys, a visit to the sulphur springs (PEW!!) is not to be missed.

Bring: An extra layer if it is particularly chilly. The hike is short but you might like to bring a snack, lots of water (~1 liter), sun protection/hat.

Dogs: Allowed, if on a leash and well-behaved.

Meeting place: Meet at the Whitney Canyon trailhead (by the gate) at 8:00 AM for an 8:15 AM departure down the trail. We should be back by about 10:30AM latest. RAIN CANCELS ALL HIKES.

Directions: From Valencia, take the I-5 freeway south to the SR-14 North. Exit at Newhall Avenue. Take the right at the fork on the off-ramp. When you reach the stop sign, turn right. This will lead you quickly to the Park and Ride. Park. Parking here is free. NOTE: If the Park and Ride is full, you may park in the MRCA lot (\$7.00). It is wise to come a little early to secure a parking spot in the Park and Ride. Look for your leader at the green MRCA gate by the green sign at the top/left of the Park and Ride.

Rated: Easy, suitable for newcomers and family.

Leader: Steve

Community Hiking Club (CONT)

• Jan 25th · "Stairway to Hollywood Heaven"

If you enjoy Los Angeles History and hiking at an Easy / Moderate pace with a very interesting and knowledgeable hike leader, this is the one you have been waiting for!

Description: The staircases are generally either from the 1920s boom years or from the Works Progress Administration in the 1940s. They were built because developers in hilly areas needed to find a way for prospective home buyers to get down from their houses to a school, church, or streetcar line. But the Depression, and then World War II, halted most staircase construction.

Our hike is #36 and #37 from Charles Fleming's book "Secret Stairs of Los Angeles". Experience some unusual LA history up close - hear stories of Hollywood legends, catch glimpses of 1927 era homes and navigate some crazy small streets. Hear the real story of Pat Moore, see houses of the "rich..and richer" and visit a little secret area, right in Hollywood. It will be great fun, and best of all - Starbucks will never be too far away! We will finish our hike with your picnic lunch near some 1920 cottages in delightful Camrose Park. The park has clean restrooms and we will be close to the Bowl and our starting point (if some of you have to dash). The book "Secret Stairs" is recommended reading to enhance your experience.

(See the KCET TV video below for more information on the "Secret Stairs").

http://www.kcet.org/living/travel/social_wanderer/outdoors/secret-stairs-los-angeles-video.html

Meet: In the Parking Lot of Hollywood Heritage Museum, just east of the corner of Franklin and Highland (think 101 Freeway and Hollywood Bowl Exit) in Hollywood. Your leader will be carrying a small US flag and surrounded by lots of enthusiastic hikers.

Distance: 5 mile walk at a moderate pace for 2-3 hours. When we are done, we will have climbed the equivalent of a 43 story building!

Bring: Good walking shoes, hiking boots not required. Water, sunscreen, hat and snacks / your sack picnic lunch. No Adventure Pass needed and well-behaved dogs on leashes are welcome.

Leader: Chris Spicher of Lancaster will be leading his 1st hike with us

• Jan 31st -Liberty Cyn to Phantom Trail to Malibu Creek State Park and the Pools.

Description: This hike will be a 9 mile loop with approx 900 ft gain in the Santa Monica Mountains through Liberty Canyon, connecting to the Phantom Trail, then down into Malibu Creek State Park to the south end of Century Lake. We will then take the Forest Trail along the north end of the lake, and visit the rock pools / view the climbing walls, before completing the loop back along the creek bed and up the meadows back to the trailhead. We hope to see deer, coyotes, water birds and maybe wild parrots. The hike will include single track trails and some fire roads. We will be keeping a fair to moderate pace that may be a little too fast for beginning hikers.

Carpooling from Santa Clarita Valley: Meet the leader at Towsley Canyon outside the gate at 7:00AM for a 7:15 AM SHARP departure to the trailhead or plan to meet at the trailhead at ~8AM.

Meet at the Trailhead: Take the 405 Fwy South to 101 Fwy North and exit at Las Virgenes. Turn left on Las Virgenes. Turn right at the light for Mulholland Hwy (if you pass the sign for the entrance to the State Park you have gone too far). On Mulholland Hwy, there is parking on the dirt shoulders on both sides of the road, watch for traffic. Meet at the trailhead at ~8AM. We will go through an opening in the fence on the RIGHT (North) side of Mulholland Hwy to meet at the sign for the North Grasslands trail (about 0.1 mile from Las Virgenes) to begin the hike. Look for your leader wearing an orange bandana as there may be other hiking groups. We will leave the trailhead at 8:15AM sharp.

Bring: Plenty of water (3 liters recommended), electrolytes (e.g. Gatorade). Sunscreen, hat, lunch/snacks, hiking poles (helpful on the uphill portion), and a camera. Wear layered clothing in case it gets hot or cold. Wear good boots with lots of tread.

Adventure Pass: Not required.

Dogs Allowed?: Sorry, No (not allowed in Malibu Cyn SP).

Rating: Moderate ++ for elevation gain and distance

Leader: Steve

HABITAT WORKS

<http://www.habitatwork.org>

Kim Clark or Tom Persons 818-353-4653

For more information call or e-mail to: wildlife@habitatwork.org

VOLUNTEER GROUP NEWS

Haramokngna American Indian Cultural Center

www.haramokngna.org

663-449-8975.

• **Volunteers** As a cultural, environmental and arts organization, Haramokngna American Indian Cultural Center shares the flavor of Native American history, culture, traditions and arts with the Los Angeles community. We are always looking for energetic individuals ready to represent the Cultural Center during special events and regular office hours.

• **Check the Pukuu's Amazon Store** <http://astore.amazon.com/pukucultcomms-20>

When you order items thru our store, a percentage is donated to our center. THANK-YOU

High Country Riders

Forest wide equestrian volunteer group that packs Equipment, Material and Supplies etc. to your Trail or worksite. Packs Trash & Rubbish out of the Forest.

Contacts: Jonathan Schultz phone: 951-830-3400

e-mail: maujds@earthlink.net

- Forest Certified Animal Packer
- Master Teacher for "LNT"
- "C" Crosscut Saw Certifier
- Chainsaw "B" faller

Contacts: Glen Foster phone: 760-949-3497 or 760-508-0344

- Certified Packer
- e-mail: pjgwfoster@aol.com

JPL TRAILBUILDERS

Kathie Reilly 626-379-8429 (cell)

Jack Russell 562-861-3187

(Rain day before or day of outing cancels the outing)

- Jan 10th Outing
- Jan 31st Outing

WHAT'S HAPPENING:

As we keep repeating, we next intend to continue maintenance of the Mt Lowe West Trail from where we left off about the middle going toward the summit. There's a large patch of poodle dog there.

This time of year, it seems to be less threatening. Besides, some of our group seem immune to it, so they can tackle those parts. The rest of us can cut back the rapidly growing scrub oak, and repair tread.

Mount Wilson Race

<http://www.mountwilsontrailrace.com/HOME.html>

- Jan 25th Outing (SEE PAGE 12)

Pete Siberell Chair, Mt. Wilson Trail Race

Mount Wilson Bicycling Association <http://mwba.org/>

Contact: Mitch Marich, info@mwba.org

- Jan 18th 8:00 am - 1:00 pm, MWBA Trailwork

Check back <http://mwba.org/> or email info@mwba.org for information on a particular month.

Come work on the trails with us and get a free shuttle ride! It's pretty simple; there are only 3 steps. Send an email to trailworktoride@mwba.org for more information.

Mount Wilson Institute

P. O. Box 1909, Atlanta, Georgia 30301-1909

(404) 413-5484 <http://www.mtwilson.edu/>

Support Mount Wilson Observatory

We Need Your Help - Mount Wilson Observatory is privately owned and receives no continuing state or federal support. You can help ensure the continued operation of this science heritage.

- **Join** our Friends of Mount Wilson Observatory organization to receive a variety of member benefits and stay informed on the latest scientific and other activities from the mountain.
- **Contribute** to our Second Century Campaign. As Mount Wilson continues into its second century, a capital campaign is being developed to preserve this great observatory for future generations.
- **Be a Docent Tour Guide** - We welcome applications from individuals interested in participating as docents in our very active guided tour programs.

For application information go to: <http://www.mtwilson.edu/docents.php>.

Pacific Crest Trail Association <http://www.pcta.org>

FACE BOOK: <http://www.facebook.com/#!/PCTAFan>

Liz Bergeron lbergeron@pcta.org

Sacramento, CA Phone: (916) 285-1846 x 26

- Jan 9th to 11th Penrod Canyon outing

Please call or email Don Line: (619) 520-9431 or donline41@gmail.com

- Jan 23rd to 25th TRAIL GORILLA TOOL SCHOOL

We all know the difference between a sharp tool and a dull one, a tight handle and one that is loose or broken, a chainsaw that starts right up and one that doesn't. Equipment maintenance can be fun. Come on out and spend a couple of days with us and you will take home a new appreciation and skills for keeping trail equipment functional and safe. This lesson will cover safe use and repair of hand tools including crosscut saws, chain and brush saws, Griphoists, Pionjar hammer drills, and a Boulder Buster.

Please contact Pete Fish 805-658-6540 or e-mail pickaxepete91@gmail.com to sign up.

SAN GABRIEL TRAILBUILDERS

VOLUNTEER GROUP NEWS

<http://www.sgmtrailbuilders.org>

Ben White: 626-303-1078

ben@sgmtrailbuilders.org

We work on the first, third, and fifth Saturday of each month Trail working volunteers may join the San Gabriel Mountains Trail Builders in the continued restoration process for trails in and around Crystal Lake, East Fork, Heaton Flats, Upper & Lower Bear Creek, the Baldy Area and many other locations on the Angeles National Forest.

Learn how to use all the Trail tools to work the trails. Help you learn how to get your certificates for Chainsaw and Crosscut Saws use on the National forest.

If you would like to volunteer your time, please send e-mail to feedback@crystallake.name I will let you know when, where, and what you need to know to join us.

MEETING LOCATION :

San Gabriel Canyon Gateway Center,
1950 North San Gabriel Canyon @ 7:30 am

SCENIC MT. LOWE RAILWAY

<http://www.mtlowe.net/>

Brian Marcroft 562-868-8919

E-mail: Emworks@verizon.net

Sierra Club www.angeles.sierraclub.org/pasadena/

1750 North Altadena Drive, Pasadena, CA 91107

213-387-4287

For more calendar details go to www.angeles.sierraclub.org/pasadena/

• Jan 7th 7:00 PM Pasadena Group Monthly Meeting & Program

William Kelly and Chip Jacobs present an illustrated program based on their new book "The People's Republic of Chemicals", which documents the severe air and water pollution problems of present day China, the social discontent this pollution is generating, and what the government is doing in response. The authors are well-qualified to address this topic; their previous book "Smogtown", was an in-depth exploration of how the citizens of Los Angeles rose up and organized after World War II to force government action to address the severe air pollution generated by industry, the ports of Los Angeles and Long Beach, and the ever-growing automobile congestion in Southern California. Information on Group's hikes, outings, and conservation activities. Newcomers always welcome! Doors open at 7 pm; meeting starts at 7:30 pm at Eaton Canyon Nature Center, 1750 N Altadena Dr in NE Pasadena. For more information contact Group Membership Chair, Elizabeth Pomeroy, 626-791-7660, ewpomeroy@gmail.com.

• Jan 8th Henninger Flats Conditioning Hike

• Jan 9th Allison Saddle, Bonita Peak (3,983') from Heaton Flat

• Jan 15th Henninger Flats Conditioning Hike

• Jan 22nd Henninger Flats Conditioning Hike

• Jan 24th Hike to Deer Park through Monrovia Canyon Park on historic Ben Overturff Trail

• Jan 29th Henninger Flats Conditioning Hike

SOUTHERN CALIFORNIA MOUNTAINS FOUNDATION

VOLUNTEER GROUP NEWS

<http://mountainsfoundation.org/> Sarah Miggins smiggins@fs.fed.us 909-382-2796

602 South Tippecanoe, San Bernardino, California 92408

For more calendar details go to <http://mountainsfoundation.org/calendar?year=2015&month=01>

• Snowshoe Ecotour

Join a Naturalist for a guided snowshoe tour in the San Bernardino National Forest. You will learn how to snowshoe, go for a guided trek through the forest, learn about how plants and animals adapt in winter and have some exploration time as well! Snowshoes, trekking poles, snack and water are included. Please wear warm clothing layers and waterproof boots or shoes. Tours are dependent on snow conditions; call for more details. Reservations are required. Participants caravan to site. Private tours can be arranged for groups of 8 or more. **Call to book your private tour today; 909-382-2790.**

Fee: Adults \$30, Kids (8-12 years old) \$20

Dates: Saturdays; 9am-12pm & 1pm-4pm. Sundays; 9am-12pm (until March 8)

- Story Time Jan 3rd/17th
- Bald Eagle Volunteer Count Jan 10th
- Backcountry Film Festival Screening Jan 10th
- Eagle Celebration Jan 10th/17th
- 3rd Annual Winter Trails Day Jan 10th
- Animal Tracking Jan 17th/31st

Tree People <http://www.treepeople.org>

FACEBOOK: TreePeople

12601 Mulholland Drive

Beverly Hills, CA 90210 Telephone (818) 753-4600

For more calendar details go to: <http://www.treepeople.org/calendar/2015-01>

- Angeles Forest Restoration Supervisor Training Jan 11th
- Campus Planting Jan 24th/31st
- Fruit Tree Pruning Jan 10th/24th
- Moonlight Hike Jan 2nd
- Park Work Day Jan 8th/10th/15th/22nd/29th
- Santa Monica Mountains Restoration Jan 3rd/10th/11th/24th/31st

Volunteers of the Angeles National Forest <http://www.grassyhollow.net>

Wrightwood, CA

Visitor Center Phone #: (626) 821-6737

Loren Lake lorenll@verizon.net

- The Grassy Hollow Visitor Center and Grounds are open for day-use only

Hours: Saturdays, Sundays and Holidays 10:00 am to 4:00 pm

Weekdays- for school groups, youth organizations, etc. By Appointment

William S Hart UHSD of Santa Clarita ANF Crew 135

Kevin Sarkissian Lead Instructor

W S Hart Union High School District

Outdoor Recreation and Wilderness Conservation - ANF Crew 135

Regional Occupational Program

21515 Centre Pointe Parkway

Santa Clarita, CA 91350

661.877.7024 661.250.0022 X 552

www.hartrop.com/forestry www.facebook.com/ropforestry

- Taking a break until spring

Los Angeles River Ranger District
12371 North Little Tujunga Canyon Road
San Fernando, CA 91342

TUNDRA by Chad Carpenter, Los Angeles Times Apr 18, 2011 email: info@tundracomics.com



Volunteer Today

Send this in Right Away to

Dennis Merkel —12371 N. Little Tujunga Canyon Rd
San Fernando, CA 91342

Name _____

Address _____

Phone # (hm) _____

e-mail _____

Interests

Indicate what you would like to do. Circle area or enter your interests.

Campground Host/ Visitor Information/ Smokey Bear - Fire Prevention/

Recreation Aid / Forest Patrol /Resource Management / Computers/

Research-Librarian / Office Clerical / Tour guide/ Fire Lookout/

Conservation Education / habitat restoration and tree planting

Other: _____