



Newsletter

Spring 2011 • Volume 72 • Number 2



**INTERNATIONAL YEAR
OF FORESTS • 2011**

Check online for updates on events in the United States (<http://www.celebrateforests.com/>) and around the world (<http://www.un.org/en/events/iyof2011/index.shtml>.)

In this issue

Calendar	2
Partners in forestry	4
SAF Council report	5
In memoriam: William M. Beaty	6
Membership update	6
Geri Bergen honored	7
Forest Conservation Days 2011: Celebrating 20 years	9
Chapter updates	10
Humboldt ring ceremony	13
Treasurer's report	13

Forest Biomass in California

by Bill Stewart and Gareth Mayhead, University of California Cooperative Extension

Editor's note: In preparation for the NorCal SAF summer meeting focus on forest biomass, the Program Committee invited Bill Stewart and Gareth Mayhead to submit an article about the current state of and future potential for forest biomass utilization in California.

Increased media and political attention given to energy sources other than fossil fuels, seasonal concerns over big wildfires in the West, and the proposed changes in federal regulations for the burning of biomass for energy have raised the interest in collecting and utilizing more forest biomass in California. Experience in North America and Europe has shown that increased utilization will be neither a magic bullet nor the beginning of a new wave of deforestation—no matter what the headlines may imply. From a landowner's point of view, the low market value on their land means that collection must do double duty as an investment to help meet the future forest goals of the owners. From a broader social point of view, collecting and utilizing these scattered resources will require paying more now to reduce future costs that are often opaque (governmental wildfire suppression budgets) or global (reducing greenhouse gas emissions from fossil fuel use) in nature.

Forest biomass consists of small-diameter woody material, damaged or low-valued

trees, the branches (slash) and diseased or insect infested wood. This material represents a huge untapped biomass resource and its removal could improve forest health and reduce the risk of catastrophic wildfire. Based on the latest forest statistics for all the timberlands on the Pacific Coast, about one third of gross growth ends up in harvested sawlogs, one third is increased inventory, and one third is natural mortality or logging residues.

Much of the forest biomass resource is not currently utilized due to its poor physical properties and therefore relatively low value. The expense of removal and transportation further reduces its appeal as a raw material. Developing more markets and processing technologies to use this material would help to recover some of the cost of ecosystem restoration and fuels reduction projects.

The challenges for using woody biomass are many and the economic opportunities are limited. Although there is a long list of products that could be produced from woody biomass, there are often competing raw materials to make these products that are of higher quality and lower cost. The solutions to providing more opportunities for woody biomass are to encourage the use in efficient energy conversion facilities (e.g., power plants, heat and power systems); to use small diameter trees in their round form instead of trying to produce lumber; to support the research and

Continued on page 5

Calendar

NorCal SAF summer meeting

Forested Watersheds:
Providing Renewable
Energy & Ecosystem
Services

August 5–6, 2011
Amador County, CA

*See insert for program
and registration details.*

June 7–8 July 12–13 August 9–10	California Board of Forestry meetings <i>Resources Building, Sacramento</i> (http://www.bof.fire.ca.gov/ 916.653.8007)
June 4–5	SAF Council meeting <i>Bethesda, MD</i> (contact Mike De Lasaux, SAF District 03 representative)
July 12–14	CA Forest Pest Council Weed Tour & Golf Tournament <i>Murphys, CA</i> (http://caforestpestcouncil.org/)
July 26	CA Forest Pest Council Insect, Disease & Animal Damage Tour <i>Fort Bragg, CA</i> (http://caforestpestcouncil.org/)
August 5	NorCal SAF Executive Committee meeting <i>Denny's Restaurant, Jackson, CA</i>

save the date!

Society of American Foresters 2011 National Convention

International Year
of Forests: Linking
Global, Regional and
Local Solutions

November 2–6
Honolulu, Hawaii

**Registration
is now open.**

Check the SAF Web site at:
[http://www.safnet.org/
natcon11/index.cfm](http://www.safnet.org/natcon11/index.cfm)

Coast Redwood Forests in a Changing California: A Symposium for Scientists and Managers

June 21–23, 2011
University of California, Santa Cruz

This symposium will build on the scientific underpinnings from the 1996 symposium in Arcata and the 2004 symposium in Rohnert Park. It is being jointly organized by the forestry programs at the University of California, Berkeley, Humboldt State University, and California Polytechnic State University, San Luis Obispo.

With its limited range and high value, the coast redwood forest is a microcosm of many emerging science and management issues facing today's forested landscapes. As new information is collected and new management approaches and treatments are tried, it is critical that policies and strategies guiding use and management within the redwood region be reviewed and updated based on objective scientific information. This symposium is part of a continuing effort to promote the development and communication of scientific findings to inform management and policy decisions.

For specifics and registration see: <http://ucanr.org/sites/redwood/>.

(NorCal SAF is one of the symposium sponsors.)

Forestry Institute for Teachers

Summer 2011 sessions

June 12–18 •

Plumas County, University of California Forestry Camp, Quincy

June 25–July 1 • Tuolumne County, Sierra Outdoor School, Sonora

July 10–16 •

Humboldt County, Humboldt State University, Arcata

July 17–23 •

Shasta County, Camp McCumber, Shingletown

Forestry Institute for Teachers Update

by Heather Morrison, NorCal SAF Education Coordinator

Applications for the four summer FIT sessions are slowly trickling in. NorCal SAF is currently using a program available online to collect applications and \$20 application fees. The application can be found at <http://fit2011.eventbrite.com/>. As of late April, there is still space available in all of the sessions. We hope to accommodate well over 100 teachers this year.

FIT is funded entirely through the generous donations of companies, foundations, organizations and individuals, as well as through various grants, including a three-year grant provided by the USDA Forest Service, State and Private Forestry.

For full details about the four summer sessions, visit <http://www.forestryinstitute.org/>.

upcoming Webinars

August 4, 11, 18 and 25 from 2–4 p.m.	Wildlife and Sensitive Plant Considerations in Managing Forest Fuel Loads The objective of this webinar is to inform forest land managers, people conducting fuel treatments, Firesafe Councils and forest land owners and residents about the impacts that forest fuel management can have on wildlife and their habitats and sensitive plants that are found in California's forests.
September 8, 15, 22 and 29 from 2–4 p.m.	Forest Stewardship for Non-Resident Forest Land Owners The objective of this webinar is to present a series of lectures based on a curriculum (which University of California in association with CALFIRE and with funding from the US Forest Service State and Private Forestry developed) on forest stewardship aimed at non-resident landowners.

More information

Contact: Dr. Richard R. Harris, rrharris2464@sbcglobal.net 707 678-3504.

Go online to: http://norcal saf.org/temparticles/Webinars_Final_Announcement_2011.pdf

For information about workshops being planned for Amador County, El Dorado County and Madera County, contact Richard Harris after June 1.

Partially funded by the Forest Stewardship program of the USDA Forest Service, State and Private Forestry.

Partners in forestry

Council on Sustainable Biomass Production

By John Heissenbuttel, Interim Executive Director

The Council on Sustainable Biomass Production (CSBP) is a multi-stakeholder organization established in 2007 to develop comprehensive, voluntary sustainability standards for the production of biomass and its conversion to bioenergy. CSBP intends for its standard to serve as the foundation for an independent third-party certification program, which will set the emerging bioenergy industry on a course of continuous improvement. CSBP enjoys participation from growers (e.g., Weyerhaeuser, Show Me Energy); environmental (e.g., Environmental Defense Fund, The Nature Conservancy) and social/governmental interests (e.g., Great Plains Institute, Forest Service, National Association of State Foresters); and all sectors of the industry (e.g., Chevron, Duke Energy). The CSBP program will include education and training components. CSBP's work is supported in part by the Natural Resource Conservation Service and the United States Department of Energy.

- CSBP's Vision: To ensure that in the United States biomass feedstocks and bioenergy (both fuel and electricity) are produced in a sustainable manner, balancing economic, environmental and social imperatives.
- CSBP's Goal: Generate broad multi-stakeholder consensus on guidelines for sustainability to set this emerging industry on a course of continuous improvement with full support from growers, seed/plant producers, social and environmental interests, and refineries.

Overview of CSBP standard for sustainable production of biomass. The CSBP intends for its standard to be cost effective, to attract wide participation and to be built on a platform of continuous improvement. The CSBP standard addresses the full complement of sustainability issues through principles, criteria, and indicators applicable to both agriculture and silviculture. The key categories include:

- Climate Change
- Biological Diversity
- Water Quality and Quantity
- Soil Quality
- Socio-Economic Well-Being
- Integrated Resources Management Planning
- Continuous Improvement

For more information about CSBP, please visit our Web site at <http://www.csbp.org/>.

Northern California
Society of American Foresters
Newsletter

NorCal SAF
P.O. Box 4247
Auburn, CA 95604
<http://norcalsaf.org/>

EDITOR & ADVERTISING • Sara Eliason

EXECUTIVE DIRECTOR • Jane LaBoa
EDUCATION COORDINATOR • Heather Morrison

EXECUTIVE COMMITTEE
CHAIR • Ken Nolte
VICE CHAIR • Anne Heissenbuttel
PAST CHAIR • Nick Dennis
TREASURER • John Bradford
SECRETARY • Rob York
COUNCIL MEMBER • Mike De Lasaux

STANDING COMMITTEE CHAIRS
AUDIT • Brad Seaberg
AWARDS & FORESTERS FUND • Julie Lydick
COMMUNICATIONS • Mike Hupp
EDUCATION • Mike De Lasaux &
Gary Nakamura
MEMBERSHIP • Kathleen Jordan
NOMINATIONS • Mike De Lasaux
POLICY & LEGISLATION • John Kessler
TELLERS • John Melvin

NorCal SAF Newsletter is published quarterly by the Northern California Society of American Foresters. It provides SAF members and other natural resource professionals with news of NorCal SAF activities and policies plus other developments in the forestry profession. It contains statements from spokespersons and, as space permits, letters to the editor. Opinions expressed in articles, letters and opinion-editorials do not necessarily reflect the policies or views of SAF.

Please send letters or opinion editorials to Sara Eliason, NorCal SAF Newsletter editor, sara.eliason@gmail.com or c/o NorCal SAF, P.O. Box 4247, Auburn, CA 95604. Letters should refer to recent articles, general professional discussions or events, or SAF policies or activities. Letters deemed to be personal attacks will not be published. Cited individuals will be offered the opportunity to review letters pertaining to their work and submit a response, limited to 200 words. Opinion-editorials should focus on specific issues or concerns relevant to the forestry profession or SAF. Please limit all submissions to 300 words. Submissions will be published as space permits and may be edited for length, clarity, style, grammar, and to avoid duplication.

Forest Biomass in California

Continued from page 1

development needed to encourage investment in higher value fiber uses for composite materials (such as composite panels and wood fiber/plastic products); and to continue the search for cost-effective chemical processing to biofuels and other organic chemicals.

In terms of useful information on forest biomass utilization, the University of California Web site, <http://ucanr.org/sites/WoodyBiomass/>, is a constantly updated source. For those interested in literature related to the potential environmental impacts of increased forest biomass collection, a draft of our 2010 report on this topic is posted at <http://forestry.berkeley.edu/>. National level information can be accessed by following links on the SAF Web site and other sites such as <http://www.ncasi.org/>. Although we have not seen a significant increase in forest level prices for forest biomass, binding requirements for more renewable energy in Europe are now high enough that forest residues are being shipped to Europe from the southeastern United States. On our side, we have yet to see China and Japan play a similar role—but it could happen.

Read more about forest biomass

Biomass Power Plants Rise in East Texas

by Kate Galbraith, The Texas Tribune, Dec. 12, 2010
<http://www.texastribune.org/texas-energy/energy/biomass-power-plants-rise-in-east-texas/>

Biomass as an Energy Source

by WUNC news staff, WUNC North Carolina Public Radio, Oct. 1, 2010.
<http://wunc.org/programs/news/archive/TAV100110.mp3/view>

Bioenergy

USDA Forest Service Southern Research Station
<http://www.srs.fs.usda.gov/bioenergy/>

Woody Biomass Utilization

Forests and Rangelands (A cooperative effort between the US Department of the Interior, the US Department of Agriculture, and their land management agencies.)
http://www.forestsandrangelands.gov/Woody_Biomass/index.shtml

SAF Council report

by Mike De Lasaux, SAF council member and NorCal SAF education committee co-chair

The SAF Council met on March 5 and 6 at the SAF headquarters in Bethesda, MD. The following are highlights from the meeting. I must give credit to Kenneth Jolly, District 07 Council Representative, for the report structure and some of the text.

Dues and new membership incentive: The proposed dues increase remains an important topic of discussion. The Council is scheduled to decide on this at our June meeting.

Some of you may recall that in February I conducted a survey to get an idea of what District 03 members and some recent former members thought about the proposed dues increase. The survey was sent to all (675) who have an e-mail address. E-mails bounced on 111 of those sent. There was a 33 percent response rate.

Fundamentally, I wanted an indication of how many members would discontinue their membership if dues were raised as proposed. Out of 175 respondents, 34 indicated they would discontinue their membership (19 percent). While what one says in a survey may or may not reflect actual behavior, if we assume that it does, the response was informative and cause for concern. If dues were raised as proposed and only 15 percent chose to discontinue their membership, SAF would lose almost \$35 thousand in dues revenue, negating what would be realized from a dues increase.

The survey also asked how members would respond to recruitment incentives. The Council has been discussing an alternative to a dues increase in the form of a member recruitment incentive. This is not a new idea, but it was an important alternative that the House of Society Delegates wanted instead of a dues increase. The HSD wanted to challenge members to recruit new members and those who recently discontinued their membership instead raising dues. In December 2010, the Council voted to approve a member recruitment incentive that results in the new member sponsor receiving a \$10 dollar discount on their membership for every professional (excluding students) member they recruit up to their total membership fee. My survey found that 16 percent of the respondents would recruit 30 new members with a \$10 incentive. The Council has also discussed a \$35 recruitment incentive. The survey suggests that this would result in 68 new members.

Continued on page 8

In memoriam: William M. Beaty

Originally printed in the Record-Searchlight newspaper, April 30, 2011

Submitted by Kathleen A. Jordan, Past Wyntoon Chapter chair, NorCal SAF membership chair

William M. Beaty, a giant in the north state timber industry for more than half a century, died April 21, at Willow Springs Alzheimer's Special Care Center in Redding. He was 94. Beaty, who was selected in 1998 by the Redding Chamber of Commerce as its Citizen of the Year, was instrumental in the development of Turtle Bay's Forestry Museum

"He had an energy and drive that was unbelievable," his son, Don, said Friday, describing him as a wonderful father who was devoted to his family, his business and the community. "There was no quit in him."

Maggie Redmond, chief operating officer for the Turtle Bay Exploration Park, said Beaty was a true gentleman with a kind heart, keen intellect, wonderful sense of humor, and positive attitude. "I thought the world of him," she said. "He always had a twinkle in his eye."

Beaty started working for the U.S. Forest Service in 1940 after graduating from the University of California at Berkeley. He moved to Redding in 1950 after a stint in the U.S. Forest Service, as well as with the Army, and started working for Shasta Forests Company. When the company folded in the late 1960s, Beaty started his own forestry consulting firm, W.M. Beaty and Associates, Inc.

In addition to his work with Turtle Bay, Beaty was a former trustee at Mercy Medical Center in Redding, a longtime member and supporter of the Shasta County YMCA, past president of the Redding Rotary Club, and past president of the Shingletown Volunteer Fire Department.

He also served on the board of trustees of for the Shasta Union High School District and was appointed in 1974 by then Governor Ronald Reagan to the California State Board of Forestry. He was a founding member and two-term president of the Forest Landowners of California.

Beaty was named Society of American Foresters Fellow in 1982; was recipient of the Francis H. Raymond Award, the highest honor awarded by the California State Board of Forestry for excellence in forestry, in 2002; and was named 2009 California Tree Farmer of the Year. In 2002, he was the.

Beaty, whose wife, Georgia, died in 2006, is survived by his son Don and daughter-in-law, Judy of Redding.

Bill Beaty was a professional forester of whom we can all be proud. He was my friend.

Membership update

by Kathleen A. Jordan, NorCal SAF membership chair

There are 642 members in Northern California State Society including 114 student members. Please welcome the following new members:

Erica Meta Smith, Bay Area Chapter
Tammy Dong, Berkeley Student Chapter
Tyrel D. Carver, Humboldt Student Chapter
Sam T. Tenneson, Humboldt Student Chapter
Brandon L. Campbell, Wyntoon Chapter
Diane Pingrey, Wyntoon Chapter

It is sometimes difficult to entice a potential new member to attend a dinner meeting of your chapter. Have you considered these options to inform and encourage non-members to become members in the Society of American Foresters?

- Take a prospective member to lunch.
- Consider a lunch meeting at a SAF member's office.
- Host a special program and invite prospective members to your office.

When we share membership in SAF, we open a new world of friendship and professional support to the foresters in our communities.

Geri Bergen honored with William Nickerl Award for Conservation Leadership

by Sara Eliason, NorCal SAF newsletter editor

Long-time Society of American Foresters member Geri Bergen received the William Nickerl Award for Conservation Leadership from the Nevada County Land Trust at a celebration dinner on April 30, 2011. This award recognizes an individual who, like its namesake:



- demonstrates a long time commitment to the cause of land conservation,
- is dedicated to the Nevada County Land Trust mission to enrich the community connection with our land,
- fosters or invents a new effort which has demonstrated measurable success,
- never gives up in the face of a challenge,
- inspires others, and
- is located in western Nevada County.

(Read more about the William Nickerl Award for Conservation Leadership at <http://www.nevadacountylandtrust.org/index.php/about/conservation-award/>.)

After retiring from the Forest Service in 1994, Geri volunteered with the Nevada County Land Trust, serving as board member for twelve years and president for one. She remains active on the Land Trust's advisory council. This in itself is an impressive tenure of service, but is only the culmination of years of volunteering with conservation organizations and, most notably, a long career in forestry and active involvement in SAF.

In 1960 Geri entered the University of California Berkeley forestry program. Upon her graduation, she joined SAF and started full-time work with the USDA Forest Service. Geri served in several capacities during her time with the Forest Service. She was a Research Forester; Public Information officer, working with external groups on conservation programs; a Deputy Forest Supervisor and Forest Supervisor, completing development of the Tahoe National Forest's first Land Management Plan under the National Forest Management Act; and Acting Director of Environmental Coordination in the Washington, D.C., office.

As an active member of SAF, Geri filled various positions. For NorCal SAF she served as Bay Area Chapter Chair, newsletter editor and secretary. She regularly attended executive commit-

tee meetings to bring issues to others' attention. At the national level, Geri was a member of several committees, Council member, and chair of the Minority Action Committee. This latter role grew out of her desire to support other women in forestry, whose ranks were growing by the mid-1970s. Through speaking to the House Society of Delegates and arranging for women to meet at each year's national convention, Geri helped jump start recognition of women within SAF and helped form the Minority Action Committee.

Talking to Geri, one gets the sense of a pioneer. She embarked on a career in forestry when few women did and when some universities explicitly stated they were not accepting women into the forestry programs. Many of her career milestones have the descriptor "first:" one of the first two women to attend the University of California Berkeley forestry summer camp (1960); first female Deputy Forest Supervisor in the Forest Service (on the Tahoe National Forest); first Forest Supervisor in the Forest Service (again on the Tahoe National Forest); first woman Fellow in SAF (1985); one of the first two women SAF Council members (1989-1990).

Being one of few women in a male-dominated field had its challenges; but Geri found that by maintaining professionalism, her peers eventually accepted her. She emphasizes that she also was fortunate to have supportive colleagues and bosses all along who helped pave the way for her to be accepted. And she wants them to know how much she appreciates this support. Still, much of Geri's success comes from a pioneering spirit...a refusal to be pigeonholed and what she terms "a small rebellious streak."

Geri holds a B.S. in Forestry and an M.A. in Botany from the University of California Berkeley. She is the mother of three and grandmother to two granddaughters. She remains involved in Business and Professional Women of Nevada County and looks forward to the next opportunity and, she says, "real retirement."

SAF Council report

Continued from page 5

Perhaps most interesting were respondents' (128) comments. You can view the survey results at: <http://goo.gl/h4d6C>.

Budget and finances: The Council continues to be concerned about the SAF budget. Total revenues were down in 2010 and so were total expenses. Because of careful management, the budget deficit in 2010 was reduced significantly over 2009. Membership dues are, by far, the largest revenue source at about 45 percent. So the dues and membership issue discussed above is critical. The Council appointed a sub-committee to work with SAF staff to develop three-year budget projection. This committee also will examine existing SAF programs to determine whether strategic changes could be made to improve their financial performance.

Strategic planning: Council has begun an effort to integrate "Good to Great" (G2G) concepts into SAF's strategic planning effort. ("Good to Great" is a best-selling organizational management book by Jim Collins). We have had considerable discussion on three G2G concepts as they relate to the SAF strategic plan. These include: 1) improving the functionality of SAF's national committees, 2) identifying critical challenges facing SAF, and 3) identifying SAF's central organizational opportunity for excellence. Using the G2G concepts would involve "getting the right people on the bus, facing the brutal facts and understanding SAF's Hedgehog concept."

Policy: The Council learned how SAF policy staff will function in light of the recent departure by Erica Rhoades, who was the Director of Forest Policy. The SAF policy staff has been reconfigured via a new contractual agreement with Mark Rey, former Undersecretary of Agriculture, who will work closely with former SAF policy interns Kelsey Delaney and John Barnwell. This change is described in more detail the April edition of *The Forestry Source*.

The SAF Committee on Forest Policy is working on a couple of Policy Statements, which will be presented to Council for approval this year. These include: The Forest Inventory and Analysis Program (expires May 2011), Federal Tax Treatment of Timber Investments (expires October 2011), Use of Silviculture to Achieve and Maintain Forest Health on Public Lands Prescriptions (expired 2010), and Utilization of Forest Biomass to Restore Forest Health and Improve U.S. Energy

Security (expired 2010). We were also provided an update on the progress of the Task Force on Forest Carbon Offsets and Forest Biomass for Energy, which is scheduled for release early this summer.

Accreditation: The Council approved the recommendation of the Task Force on Terrestrial Ecosystem Management to proceed with development of a separate set of accreditation standards for a more broad-based land management curriculum. The intent is to enhance the appeal of educational programs in forestry and provide a broader image for the SAF. The new accreditation standard would supplement the existing specialized SAF accreditation standards for Urban Forestry and two-year Forest Technology curricula.

International forestry: Council discussed a number of international forestry opportunities, including participation in an international network of Professional Forestry Organizations, the international aspects of hosting the 2011 SAF National Convention in Hawaii, the opportunities to promote forestry related to the U.N.'s "International Year of the Forest," future meetings with the International Union of Forest Research Organizations (IUFRO), and the role of SAF's World Forestry Committee.

Other business items: Other business items included reports from the House of Society Delegates and the Forest Science and Technology Board. We also continued to work on a response to the eight 2010 HSD recommendations to Council, received an update from the National Council Student Representative, appointed members of the 2011 Council Evaluation Committee, approved a student forestry ring distribution plan and approved a Council Resolution recognizing the Los Angeles County Fire Department, Forestry Division in its centennial year for its contributions to forestry and for providing fire suppression services.

Next council meeting: The next Council meeting will be June 4 and 5 in Bethesda, MD. Please contact me if you have any questions or concerns regarding any of the items above, or if there is anything that you would like brought to Council's attention. It is an honor and a pleasure to represent you as we strive to fulfill the SAF mission.

Forest Conservation Days 2011: Celebrating 20 years

by Heather Morrison, NorCal SAF Education Coordinator

The 20th annual Forest Conservation Days ran from March 25 through April 1 at Sanborn Skyline Park. NorCal SAF thanks the over 70 volunteers who helped make FCD a success once again. “We couldn’t have done this without everyone’s help,” said Tom Catchpole, overall FCD coordinator and High Sierra Chapter education committee chair. In addition, NorCal SAF continues to have close cooperation with Santa Clara County Park personnel. It was a highly successful week of teaching students, teachers and parents about the forest.

Over the course of seven days, FCD hosted more than 1,200 5th grade students and teachers and approximately 1,200 Girl and Boy Scouts, parents, family members and the general public. We taught the Web of Life and showed that our forests are in the hands of knowledgeable professionals.

As Tom Catchpole put it, “We are providing a real hands on science-based experience at FCD. There is much disconnect between the youth and nature. We provide a real trip in the woods by real foresters and resource managers, so kids see and hear us talk about renewable resources and forest management. They can’t get that from a computer program or TV show.”

John Nicoles, Bay Area SAF Chapter, agrees. “One important aspect of FCD is that it is an urban activity. FCD offers a window into activities that most urban students do not know exist: fisheries management, archeology and timber management,” he said.

Reflecting back on 20 years of FCD, Tom remembers, “The memory that has kept me doing FCD is from the first year at Via Montalvo Park. I had taken my class to the over-stocked redwood stand we were using for silviculture examples and asked them how we could get these too-close-together trees to have more water and nutrients. The answers ranged from putting in irrigation, sun lamps and transplanting the trees. But not what I wanted to hear, which was you can thin them out (by cutting some down) and reduce competition, which will provide more water and nutrients to the remaining trees. I added that you also get some wonderful wood products from the thinned trees. The students looked disturbed and said ‘No! You can’t cut down any trees. Our teacher said that it is the same thing as killing our grandmothers!’ I had a talk with the teacher, but I don’t think she changed her mind. That teacher was teaching a group of students each year that cutting down a tree is the same thing as killing your grandmother. That is why



FCD volunteers at Sunday BBQ.

I keep coming back to FCD and, for the last nine or ten years, I have coordinated it.”

A host of organizations contributed to the success of FCD, providing money, loaning equipment or volunteering personnel. It is difficult to name every group, but we would like to make a special point of thanking both AmeriCorp Watershed Stewards Project (WSP) and Reedley College for supplying so many volunteers; Reedley College for helping with cooking at the new lodging facility, Via West Camp Costanoan; and the U.S. Forest Service, State and Private Forestry, for donating a generous amount of funding to help us pull off this great feat.

Even with these resources, the glue that holds FCD together is those who showed up each day to participate and provide continuity. There are heroes who have been part of almost every day in our 20 years: John Nicoles, Ruth Norman (Redwood Coast Chapter), CAL FIRE, Duane Wells (retired forester), Jim Francis (BLM, retired) and others.

Throughout the school year, Diane Savin-Dukleth, with assistance from Don Dukleth, High Sierra SAF Chapter, works behind the scenes for months contacting schools and scheduling them into the weekday time slots.

Forest Conservation Days is people and resources coming together for a common good. While we have fun talking to and teaching students about resource management, the real reward is neither professional nor business. It is personal, and it has to do with confronting the new generation with what is vital in our lives. In the words of one eleven-year-old child, “I learned that a tree is more than just a tree.” Through FCD, we are truly providing our future voters and lawmakers with factual information, so they can make their own educated decisions about the environment. FCD is one of the best things we can do as professionals, and we hope that you are as proud to be a part of it as we are.

Chapter updates

High Sierra Chapter

by Thomas W. Catchpole, chapter education committee chair

The High Sierra Chapter has been busy with meetings and scholarship fundraisers.

February 2011 meeting, Fresno, CA. Dr. Peter Hartsough, a Post-Doctoral Fellow at University of California Davis, spoke after dinner. He studies global change in the Southern Sierra Nevada at the Kings River Experimental Watershed, as part of the Critical Zone Observatory. Dr. Hartsough's interest is in understanding how mountain ecosystems (especially trees) adapt to changing soil moisture regimes. He also has worked in Antarctica and Southern Mexico. Since this is the "International Year of Forests," Peter spoke about his doctoral research, "Isotopic Cycling in a Tropical Tree Line Environment: North American Monsoon Dynamics at Nevado de Colima, Mexico."

March 2011 meeting, Reedley, CA. In March we had the annual joint meeting of the Southern San Joaquin, High Sierra and Reedley College Student Chapters of the Society of American Foresters (SAF) at Reedley Community College (RCC). The after dinner speaker was Scott Armentrout, Forest Supervisor for the Sierra National Forest, where he manages the forest's 1.3 million acres of public lands and grasslands. He highlighted the goals of the "Region 5 Ecological Restoration, Leadership Intent." Using research examples from Dr. Carl Skinner, USFS Scientist, Scott explained the primary mission for the National Forests of sustaining their health, diversity and productivity.

April 2011 meeting, Fresno, CA. After dinner Steve Brink, vice president of public resources for the California Forestry

Association, gave an informative presentation. He joined CFA in 2005 after serving 36 years in a wide variety of assignments and responsibilities with the USDA Forest Service. CFA is an organization of forestry professionals committed to the protection of our natural resources, environmentally sound policies, sustainable use of renewable resources and responsible forestry.

Also in April, we hosted the 30th Annual Conservation Day at the Sierra High School Nature Trail, with cooperation from the USDA Forest Service, Southern California Edison Forestry, Chaffee Zoo, and the USDA Natural Resource Conservation Service. Teachers and 135 fifth grade students from Foothill Middle School and North Fork Elementary School attended and had a fantastic day learning about environmental and renewable natural resource conservation.

Bill Dennison, retired SHS forestry instructor, his students, and forester and event coordinator, Tom Catchpole, built the eight-acre nature trail in 1977 from a former garbage dump site. The trail meanders along the west side of campus through a marsh, an archaeological site, stream riparian zones, oak woodland forest, outdoor classrooms and geological areas.

May 2011 meeting, Fresno, CA. Cindy Whalen, Sierra National Forests, addressed the chapter.

Members will be busy during the summer doing field work and assisting with the FIT program and other SAF activities.

Reedley College Student Chapter

by Jennifer Hernandez, chapter president

In March 2011, Reedley College held their annual joint meeting with High Sierra and Southern San Joaquin chapter of SAF. We were pleased to have Scott Armentrout, Forest Supervisor for Sierra National Forest come and speak. We had a great turnout!

Instructor Rob Cannell is retiring from the Reedley College

Forestry and Natural Resources program. His retirement party is scheduled for June 11, 2011, at 2 p.m. at McClarty Ranch. If you would like to attend, R.S.V.P. to Ron Gerstenberg, 889 Millwood, Dinuba, CA 93618, 559.591.5217, gbird2@sbc-global.net. If you wish to contribute a memory, letter, or pictures for a memory book, please send those to Ron as well.

Chapter updates

Sacramento-Tahoe Chapter

by Brian R. Barrette, chapter chair

The Sac-Tahoe Chapter has a new Vice Chair: Todd Gildersleeve from the Grass Valley area, who is serving as Program Chair for our spring meetings.

March 2011 meeting, Carmichael, CA. The chapter met with John Mount, recently retired SCE Forester and Raymond Award Recipient and author, who talked about his many years as a professional forester.

April 2011 meeting, Granite Bay, CA. We met with Pat Kidder, chair of the California Firesafe Council, who briefed chapter members on the efforts of that organization to help reduce the fire hazards in California.

May 2011 meeting, Lincoln, CA. On May 19 the chapter hosted a tour of the SPI mill complex in Lincoln, with spouses and neighbors invited.

Looking ahead

June 2011 meeting. The chapter has a tentative plan for a picnic and joint meeting with the Tahoe-Reno-Carson City members on June 18. This will occur at the visitor center in South Lake Tahoe to discuss forest management in the basin and to hear from the new Forest Supervisor.

The chapter is reviewing applications for the annual chapter scholarship, which is awarded to a forestry student who resides in the area serviced by the chapter.

We are also tentatively planning to assist Kay Antunez and her PLT facilitators on a tour of the red-legged frog conservation area in the Foresthill area.

Like all chapters, we continue to be frustrated by the large number of members who never attend any chapter meetings, but are lucky to have a solid core of 20 or so activists who usually support our efforts, and we continue to schedule excellent speakers and topics of current interest.

Southern San Joaquin Chapter

by Larry Duysen, chapter chair

January 2011 meeting, Porterville, CA. Our first meeting of the year was in Porterville. We used this time to plan and organize activities for this year. Our chapter, though not large, still has an active core of participants, who anticipate each monthly meeting.

February 2011 meeting, Porterville, CA. Our speaker for the February meeting was former Forest Supervisor of the Sequoia National Forest, Art Gaffery. Art has spent the last two years with the USDA in Iraq. His presentation was entitled "War Zone Agriculture."

March 2011 meeting, Reedley, CA. Our March 15 meeting found us in Reedley for a joint meeting of the Southern San Joaquin Chapter, High Sierra Chapter and Reedley College Student Chapter. The college prepared an excellent dinner. Scott Armentrout, Forest Supervisor of the Sierra National Forest, was the evening speaker.

April 2011 meeting. We traditionally meet in April with Bakersfield College. Over 60 students attended our meeting on April 7. Once again we were treated to an excellent dinner prepared by the College Culinary Department. As requested by the students and staff, Art Gaffery, spoke of his experiences as a USDA advisor in Iraq.

The Southern San Joaquin Chapter annually presents a scholarship to a Bakersfield College student who will be transferring to a university with an accredited forestry program. We are pleased to award the scholarship this year to Jeana Wallace, who will attend Humboldt State University this fall.



Scholarship being presented to Jeana Wallace by Scholarship Chairman Jeff Gletne

Chapter updates

NorCal SAF Chapters

49er

Chair: Tom Francis

Bay Area

Chair: vacant

Bidwell

Chair: Scott Worden

Del Norte

Chair: vacant

High Sierra

Chair: Ryan Stewart

Jedidiah Smith

Chair: vacant

Monterey Bay

Chair: vacant

Peter Lassen

contact: Mike De Lasaux

Redwood Coast

Chair: vacant

Sacramento-Tahoe

Chair: Brian R. Barrette

Southern San Joaquin

Chair: Larry Duysen

Wyntoon

Chair: Ben De Blois

Student Chapters

Bakersfield College
Cal Poly State Univ.
Humboldt State Univ.
Reedley College
Sierra College
UC Berkeley

UC Berkeley Student Chapter

by Raphaela E. Floreani Buzbee chapter president

The 2010-2011 academic year was another productive one for the Cal Forestry Club.

Thanks to generous donations and excellent money management, the club was able to send 18 students to the SAF National Convention in Albuquerque, New Mexico. There, students attended lectures on important and current topics in forestry, networked with professionals, interviewed with the USFS, attended a career fair, and enjoyed the city of Albuquerque.

December 2010. Club members spent the morning of December 4 cutting understory trees on Sierra Pacific Industries land for the annual Christmas tree sale. Despite weather warnings, the cut was a huge success, filling a 26-foot Penske truck with mostly white firs. We sold student-made wreaths, bunches of mistletoe, and over 300 trees, then donated unsold trees to local in-need families. We will use profits from the sale for more bean feeds and to fund student travel to the November 2011 SAF National Convention in Honolulu.

To recognize and appreciate the rich history and legacy of forestry in California, the club has revitalized the past tradition of a forester's ball. We held the second (now) annual Yule Ball in the Senior Hall on campus, a rustic cabin made solely of large diameter redwood logs. Students and faculty enjoyed a home-made lasagna dinner and live music from an alumnus' bluegrass band.

April 2011. In April, the club participated in Cal Day, UC Berkeley's campus open house. Students handed out over 200 incense cedar and coast live oak seedlings to campus visitors and spoke one-on-one with prospective stu-

dents and their families. This was a great opportunity to spread awareness about the forestry program and club at UC Berkeley, as well as gain greater visibility in the campus community.

Looking ahead. Our club will adjourn for the summer months. The fall semester promises to be exceptionally busy, but also very exciting, as we prepare to celebrate the Cal Forestry Club's centennial in 2012. In late 1911, a handful of students decided forestry should be a more integral part of their education. The club allegedly began when a note-card saying "Forestry Club" was tacked to the door of an entomology classroom. The club was officially created in 1912 under the guidance of notable scientists such as Willis L. Jepson. Over the next few years, the club pressured the university to create a forestry program to rival programs on the East Coast and in Europe. In 1914, a School of Forestry was founded, with Walter Mulford serving as the Chief of the Division of Forestry. To celebrate this milestone, we plan to work more on community and campus outreach and organize commemorative events. I hope you can join us!



Forestry Club students giving away incense cedar seedlings and talking with prospective students and their families for Cal Day.

Humboldt ring ceremony

by Mike De Lasaux, SAF council member and NorCal SAF education committee co-chair

Five Humboldt State University forestry graduates received SAF rings during their annual spring awards banquet. SAF member and 2005 HSU graduate Kevin Conway presented the rings on behalf of SAF.

Ring recipients were Michael Walton, Tyler Hultquist, Whitney Butler, Whitney Schimke and Justin Crotteau. They will have graduated in May or next December. Except for Justin, who is receiving a Masters degree, they will each receive a Bachelors of Science degree.

Last year the SAF Council voted to give SAF rings to graduating seniors who are SAF members. The SAF ring program is designed to honor forestry graduates and create a tradition to last for generations.

Whether you are 22 or 92, if you have graduated with a forestry-related degree, you can commemorate your accomplishment with the SAF Forestry Ring. Every ring purchase demonstrates your pride and also salutes the work of next year's graduates from SAF-accredited programs. Learn more about the SAF ring program online at <https://www.safnet.org/commerce/ringfund.cfm>.



Jedidiah Smith Chapter member Kevin Conway of Green Diamond Resource Company presents SAF rings to Humboldt State University forestry graduates.

Treasurer's report: 2010 budget

by John Bradford, NorCal SAF treasurer

NorCal SAF came out in good financial shape for 2010. Even though at the end of 2010 we showed a deficit of over \$6000.00, we had not been reimbursed for all the grant work that we did in 2010 (i.e., FIT, FCD and Helpline). We also had significant cost savings in the FIT program over what we had programmed for the 2010 budget.

My thanks to chapter treasurers for submitting their tax information to be included in our 2010 NorCal tax return.

NORCAL SAF TREASURERS REPORT 2010	
INCOME	
Newsletter Advertising Income	\$305.00
Direct Donations	
Forestry Institute for Teachers	\$31,760.00
Forest Conservation Days	\$2,000.00
Total Direct Donations	\$33,760.00
Government Grants	
Forest Conservation Days	
Forestry Institute for Teachers	<u>\$32,820.00</u>
Total Government Grants	\$32,820.00
Membership Dues	
Education \$10	\$3,858.38
NorCal \$7	\$2,700.37
Rebates	\$542.00
Total Membership Dues	\$7,100.75
Total Miscellaneous Income	\$3.49
Total NorCal SAF Meeting & CFE Courses	\$7,941.00
Uncategorized Income	\$80,275.00
TOTAL INCOME	\$162,205.24
EXPENSES	
Total CONFERENCES & PROGRAMS	138930.52
Total GENERAL ADMIN. EDUCATION OFFICE	7836.42
Total GENERAL ADMIN. NorCal SAF OFFICE	16629.45
TOTAL PROGRAM (misc.)	4147.06
Other Misc.	1257.37
TOTAL EXPENSES	\$168,800.82
NET INCOME	\$6,595.58

NorCal SAF award nominations due

by Julie Lydick, NorCal SAF awards chair

It's time again to consider nominations for the 2011 Forestry Achievement Award and the Chapter Program Award. Please turn in your candidates to Ken Nolte, NorCal SAF Chair, or Julie Lydick, Awards Committee Chair, by October 30, 2011, so the Awards Committee can make selections and include these in the winter meeting announcement.

The Forestry Achievement Award goes to an individual member. Nominations should include: 1) education and employment background; 2) service to the Society that includes elected offices, committees, etc.; 3) contribution to forestry practice; and 4) community service.

The Chapter Program Award recognizes the NorCal SAF chapter with the best total program during the preceding calendar year. Nominations should include: 1) names and contact information for chapter leadership; 2) public affairs activities, supported by the chapter or originated at the chapter level; 3) membership participation in continuing education; 4) chapter attendance at state society meetings and the national convention; and 5) other activities that support national or state level activities. Full nomination criteria are in the NorCal SAF Leadership book.

Last year's Forestry Achievement Award winner was Joanne Drummond, Sacramento-Tahoe Chapter. The 2009 winner was Kevin O'Hara, Bay Area Chapter. The High Sierra Chapter recently has been the perennial favorite to receive the chapter award, but this is by no means a given—nominate your chapter this year, and make it competitive!

HELP PRESERVE NORCAL SAF'S HISTORY

Your state society needs you! Volunteer to fill the NorCal SAF historian-archivist position.

As the historian-archivist you would assemble and maintain NorCal SAF's historical records, either as paper copies or electronically. If you have:

- an interest in and experience with SAF affairs;
- a commitment to maintaining the NorCal SAF records;
- communication skills; and
- organization skills,

then this is the role for you!

Please e-mail NorCal SAF Chair Ken Nolte (KNolte@ShastaCollege.edu) or Executive Director Jane LaBoa (ncsaf@mcn.org).

Thank you to this month's advertisers.

Forest Landowners: DISCOVER Our Interactive Website

Connecting YOU with Products, Services & Contractors

www.forestseedlingnetwork.com



Buy/Sell Seedlings

Use Our Map Search

Product Groups:

- Forest Seedlings
- Christmas Tree Seedlings
- Conifer Liner Stock Seedlings
- Forest Tree Seed
- Native Woody Plant Seedlings



Find Vendor Services & Contractors



Valuable Resources

News, Updates & Events
Tips, Notes, Links & Advice
Seed Zone Maps

OREGON • WASHINGTON • IDAHO • MONTANA • CALIFORNIA



Forest Seedling Network

bob@forestseedlingnetwork.com

503-769-9806

1740 Shaff Rd. #306 • Stayton, OR 97383

Thank you to this month's advertisers.



The Forest Foundation

**Sharing Knowledge
about Forests**

Free Forestry Education Programs & Curriculum for California K-12 Grade Teachers and Students

View our new videos on photosynthesis, regeneration, wildlife & wildfire!

www.calforestfoundation.org

The Forest Foundation
853 Lincoln Way #104, Auburn, CA 95603
1.866.241.TREE

**John
Kessler
Forestry**

John S. Kessler
CF, RPF #2494

602 Glen Mar Drive
Mt. Shasta, CA 96067

Phone: 530-859-0883
Home: 530-926-3549
jkforestry@snowcrest.net

NorCal SAF Newsletter advertising

Contact:
Sara Eliason, NorCal SAF newsletter editor
sara.eliason@gmail.com

2011 rates*

Ad size	Approximate dimensions	Rate per issue
full page	7 3/8" x 10"	\$275
1/2 page	7 3/8" x 4 3/4"	\$150
1/3 page	4 7/8" x 4 3/4" or 2 3/8" x 9 3/4"	\$125
1/4 page	4 3/4" x 3"	\$100
1/6 page	2 3/8" x 4 3/4"	\$75
business card	3 5/8" x 2 3/8"	\$50
classified ad		\$0.25/word

* 10% discount for three or more insertions

Ad submission deadlines

Issue	Deadline	Publication date
Winter	Feb. 1	March 1
Spring	May 1	June 1
Summer	August 1	Sept. 1
Autumn	Nov. 1	Dec. 1

Celebrating 25 years of service in the bioenergy sector throughout North America

TSS consultants

TSS offers a suite of services to facilitate bioenergy project development and opportunities for a diverse range of clients across the breadth of the energy industry.

- Fuel/Feedstock Availability Assessment
- Technology Assessment
- Preliminary Design and Engineering
- Project Feasibility Analysis
- Project Development and Management
- Site Selection Assessment and Permitting
- Environmental Permitting and Compliance
- Communication and Outreach Plans
- Strategic Planning and Policy Analysis
- Fuel/Feedstock Supply Chain Development
- Fuel/Feedstock Procurement Plans
- Life Cycle Assessment
- Greenhouse Gas Tracking

TSS Consultants
2724 Kilgore Road
Rancho Cordova, CA 95670
(916) 638 – 8811

Please visit us at our website: www.tssconsultants.com

