

Applegate Valley Community Newspaper, Inc.
PO Box 14
Jacksonville, OR 97530

Applegater

Photo by Kathy Kliewer

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FALL 2016
Volume 9, No. 3

Applegate Valley Community Newsmagazine
Serving Jackson and Josephine Counties — Circulation: 11,000

Celebrating
~23~
Years

Grape Talk: Terroir 101

BY DEBBIE TOLLEFSON

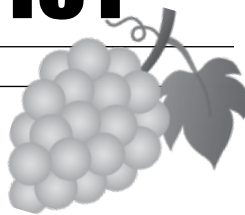
There are over a thousand wine varieties from many thousands of wine regions around the world, each with its own distinct characteristics. The basic characteristics of wine—sweetness, acidity, tannin, balance, and body—are greatly affected by the terroir of the grapevine. “Terroir” is a French term for the environmental factors—elevation, soil, climate, nearby crops, and the orientation of the crop—that affect a crop’s qualities.

Climate plays a primary role in wine terroir. Grapes are grown best in temperate climates. In North America, grapes are grown from northern Mexico to southern Canada. The regions with cooler climates make wines that taste

tarter, and the warmer climates make wines that taste riper. As grapes ripen, they become less acidic, so grapes grown in a cooler climate will be more acidic than grapes that have a long period to ripen or are grown in warm or hot climates. As the world’s climate changes, the terroir of the grapes grown in a particular area will also change.

The soil in which the grapevine is planted is also important. The soil is like a tea bag through which the water filters to the roots of the grapevine. If the soil has a lot of minerals, you may taste the minerality in the finished wine. You also

See TERROIR, page 17



What’s behind the fence? Marijuana!

BY DIANA COOGLE

Jakob Shockey’s article, “Grow with Respect,” generated numerous responses from readers—“around 95 percent positive, with a little hate mail thrown in,” he says—after it appeared in the Spring 2016 Applegater. While Jakob’s article was written from a community perspective, Diana Coogle’s article focuses on the growers of recreational marijuana.

A surge of pot farmers into the Applegate has lined our roads with dense fences, as we have all noticed. It’s no surprise, then, to learn that Jackson County has the state’s highest number

of growers licensed for recreational marijuana (126), with Josephine County’s numbers (101) third and Clackamas’s (102) barely ahead of Josephine’s.

“It’s a gold rush,” says Patty Downing of Elvenwood Enterprises, a local farm growing recreational marijuana.

That gold-rush profitability led Patty and her husband to expand from vegetables and herbs to cannabis, enabling them to keep their property and also to hire local residents. Patty speaks strongly about the value to the

See MARIJUANA, page 12



Duane and Kathy Bowman (left photo) grow merlot and cabernet franc at their Cricket Hill Winery on Kubli Bench.

Greg and Debbie Schultz (right photo), owners of Schultz Wines and Glory Oaks Vineyard and Farm on Slagle Creek, specialize in tempranillo and malbec grapes. Photo by Leslie Bloss.

Siskiyou Sustainable Co-op goes high-tech

BY SHELLEY MANNING

Do you want more vibrant health? Joining a CSA (Community Supported Agriculture) is a great way to add healthy foods to your diet while helping your local farmer. The concept is that by investing financially in advance of the harvest and thus becoming a shareholder, you provide funds to help the farmers pay for everything involved in farm production, from seeds to farm equipment to labor. CSAs connect consumers directly to regional farms

and the products they produce. When the crops come in, shareholders receive their pre-purchased portions throughout the growing season.

Siskiyou Sustainable Cooperative is a local CSA, a collective of farms and farmers in the Applegate and Williams valleys. In 2002, a group of farmers decided to join forces to jointly market their farm products. Their vision was to create a cooperatively owned business

See SISKIYOU, page 14

McKee Bridge Historical Society Annual Meeting and Centennial Celebration

The McKee Bridge Historical Society will hold its annual meeting on Saturday, September 10, beginning at noon with a potluck on the bridge, followed by the annual meeting around 12:30 pm. Members and non-members are invited to join us on the recently restored McKee Bridge for a pleasant lunch above the river.



McKee Bridge photo by Paul Tipton.

History buffs might be interested in the Medford “Mail Tribune 100” column’s recent ongoing discussion about putting in a rail line from Medford to the Blue Ledge Mine above Elliott Creek (now Applegate Lake) 100 years ago. (To read these columns, go to mailtribune.com and search “Blue Ledge.”) When that effort did not succeed, the county built McKee Bridge in order to avoid the notoriously dangerous East Side Road above Cameron Bridge when moving copper ore from Blue Ledge Mine.

Centennial Celebration

The association’s next big event will be on Saturday, June 10, 2017, to celebrate the McKee Bridge Centennial, which promises to be a big celebration with a classic car club, steam engines, historic displays, and good food and music. If you’re just itching to get involved in a local event like this, we are just itching to have you join us. Planning has already begun. Contact Paul Tipton at ptipton@frontier.com or 541-846-7501 or Bob Van Heuit at rvanh2000@yahoo.com or 541-499-6132.

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ISSUE

AGRICULTURE - WINE

Applegate Fire District's new Community Building in use!

BY CAREY CHAPUT

Requests for using the new Community Building are coming in! Since the doors opened last October, this facility, conveniently located next to the district office, has seen a lot of different uses. Besides the fire district's regular use for training on Monday nights and board meetings on the third Wednesday of each month, the building is used for the fire district's auxiliary group meetings every other month. Visit the fire district website at applegatefd.com for more information on upcoming meetings at the Community Building.

Other agencies have found this meeting room very accommodating. Both the US Forest Service and the Bureau of Land Management have hosted planning sessions. The Oregon Department of Forestry, Applegate Neighborhood Network, Boy Scouts, and US Army Corps of Engineers have hosted public meetings, each giving our community an opportunity to learn more about the current interests of these groups. The Applegate Valley Garden Club hosted a meeting to demonstrate cheese-making. A Lifeline screening event took place on July 26, providing access to affordable preventive health screenings in a comfortable community location. Community Emergency Response Team (CERT) of Jacksonville and Central Point will be meeting for training on September 17 and 24.

These are just some of the uses that were the guiding factors when this project was still in the design stage. This building has been accepted and

appreciated by many of you. If you are interested in visiting the facility, stop by the district office at 1095 Upper Applegate Road on weekdays. To reserve a time, go to applegatefd.com and click on the "Facility Use Request." Complete and submit the request form to the district office by fax at 541-899-9314 or email cchaput@applegatefd.com. Once the date and time have been approved, you will be contacted by fire district staff. (The same form may be used for reserving the meeting room at the Station 1 location at 18489 North Applegate Road near the Highway 238 intersection.)

The meeting room takes up only half of the building, while the other half houses the exercise room, designed to keep our firefighters and their families fit and ready for action. This is just one of the many benefits of being on the Applegate Fire District team! There are many opportunities for you to become involved, from firefighting to support.

Please take the opportunity to stop by the District Office to meet the new fire chief. And the staff would be pleased to show you the Community Building and discuss how you can become involved.

Please also remember to stay safe and aware as we make it through this fire season together. Stay hydrated. Don't use power equipment in dry vegetation. Plan ahead and be ready for evacuation, if necessary.

Carey Chaput • 541-899-1050
Office Manager
Applegate Valley Fire District
cchaput@applegatefd.com

Long-time fire district office manager to retire



Carey Chaput plans to retire from the Applegate Valley Fire District at the end of October.

On October 31, 2016, Carey Chaput, office manager of Applegate Valley Fire District, will retire after 15 years of service. "This has been a very rewarding career," said Carey. "Although you need to be able to work on your own, prioritize, and multitask, it satisfies the desire to be an integral part of an excellent team. There is nothing like the camaraderie of the fire service. You are family, and, whether on an emergency scene or in a discussion about strategic planning, you know that you have each other's interest in mind as well as the community's."

Carey looks forward to helping her replacement settle into a comfortable routine. She also is excited to see the next person take this position to new heights. She said that "there is always room for

new ideas and developments in a position that allows a person to serve the community with pride, understanding, and compassion."

Carey plans to remain in the community and will work part-time as a tax preparer with Applegate Tax Service in Ruch and work in her garden. She also plans to help out at the fire district wherever her experience is most needed.

She would like to thank the Applegate community for its tremendous support, adding that "it takes a community to believe in and bring new ideas to fruition. And the Applegate community has not only fully appreciated the prevention programs, but also implemented a phone-tree system that better prepares the community to survive a catastrophic event."

David Dobbs joins the Applegater Board of Directors

New Jersey-born, David Dobbs was raised in Redding and Bonny Doon, California. Upon graduation from Cal Poly State University, San Luis Obispo, he pursued a career in engineering and facilities management in the Bay Area. After 30 years of high-tech jobs, he "escaped" to Applegate with wife, Lauri, to become neighbors with longtime friends and owners of Thompson Creek Organics and join their adventures in making Apple Outlaw hard cider. Dave and Lauri were followed to Oregon by their youngest daughter and grandson. Now, with a second grandson on the way, the move has been made even more rewarding.

The desire to return to the simple life of land ownership and realize a lifetime dream to build their own house, attend to a farm, and enjoy a slow-paced community led David and Lauri to the Applegate Valley. To start their dream, they planted over 200 Black Twig, Roxbury Russet, and Ashmead Kernel hard-cider variety apple trees to someday contribute to the high-end cider industry. They then offered their home to the Applegate Valley Fire District to burn for a "Burn-to-Learn" exercise, waded through building permit paperwork, and broke ground in August to build their dream home with minimal hired help.

David has thoroughly enjoyed meeting residents of the Applegate Valley and hearing their stories. He is excited to be on the *Applegater* board and hopes to further explore what our community has to offer.



Lauri and David Dobbs celebrate the burning of their house as an exercise by the Applegate Valley Fire District.

Humbug Perspective

Paul Tipton

A few things have changed in forty years,
Up past the forks of Humbug, and below.
Only a few of the real old-timers left
Most others passed or moved to town.
Lots of us 70s back-to-the-landers
Have tucked away the long hair, beards and tie-dye
Yet retain our sense of community connection
Enriched by years of potlucks and work parties,
Shared child care and camping trips together.
It's an aspect of life we're happy not to have missed.
These days the early sunrise from grow lights
And the roar of fans ventilating greenhouses
Alters the peace and quiet so cherished here.
Tall fences spread like viruses along property lines
Doing little to hide what's happening behind.
Cars of workers and buyers leave long dust plumes
Speeding up the once quiet gravel roads.
Many who wished to grow and smoke a little
Way back when, never expected the onslaught
That recent years have brought to the creek.
One thing has stayed the same: they say
Humbug still produces the best bud around.
One can only hope they'll also grow to know
The golden rule of neighborliness.

•••

Reprinted from *From the Heart of the Applegate: Essays, Poems, and Short Fiction by Applegate Writers*, published by the *Applegater*.

~ FINE PRINT ~

WHO WE ARE

The Applegate Valley Community Newspaper, Inc. is a nonprofit 501(c)(3) corporation dedicated to the publication of the *Applegater* newsmagazine, which, we feel, reflects the heart and soul of our community.

Our Mission

The Applegate Valley Community Newspaper, Inc. (AVCN), provides the many rural and diverse communities of the Applegate Watershed with a communications vehicle, the *Applegater* newsmagazine, free of charge to all watershed residents. Our quarterly paper presents constructive, relevant, educational and entertaining reports on a wide variety of subjects such as:

- natural resources
- ecology and other science information
- historical and current events
- community news and opinions

AVCN encourages and publishes differing viewpoints and, through the *Applegater* newsmagazine, acts as a clearinghouse for this diverse community. We are dedicated to working together with community members to maintain and enhance the quality of life that is unique to the Applegate Watershed.

Acknowledgements

The *Applegater* newsmagazine is published quarterly by the Applegate Valley Community Newspaper, Inc., and is funded by donations from our loyal readers and advertisements for local businesses.

Special thanks to Diana Coogle, Haley May, H. Ni Aodagain, and Paul Tipton for copy editing; Diana Coogle, Kathy Kliwer, Mikell Nielsen, Debbie and Don Tollefson, and Paul Tipton for proofing; Karan Dump for bookkeeping; and webmaster Joe Lavine.

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All articles submitted to the *Applegater* are subject to edit and publication at the newsmagazine's discretion and as space allows. When too many articles are submitted to include in any one issue, some articles may be placed on our website or held until the following issue.

Letters to the editor must be 450 words or less. Opinion pieces and articles cannot exceed 700 words. Community calendar submissions must be brief.

All photos submitted must be high resolution (300 dpi) or "large format" (e.g., 30" x 40"). If you have questions, email gater@applegater.org.

Photos submitted for the masthead are on a volunteer basis. Credit is given in the issue in which it appears, on our website, and on our Facebook page.

All submissions for the next issue must be received at gater@applegater.org by the deadline.

**A huge THANKS
to the generous donors
who recently contributed
to the Applegater.**

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**Applegater's
Summer Soirée
fundraiser
a success!**



A huge thank you goes out to all who attended our June fundraiser!

Special thanks to Jocelyn Schmidt and Schmidt Family Vineyards, who provided the beautiful venue and abundant, delicious food and wine, to The Evening Shades band—Mark Thales, Sammy Kovic, Matt Tayvis, and Justen Nielsen—for treating us to their unique sounds, and to organizers Debbie Tollefson and Shelley Manning.

Plans are already under way for the *Applegater's* next big bash in 2017, which may be a far different and exciting evening. Stay tuned.

We appreciate your support!

The Board of Directors
Applegater Newsmagazine

Help us ensure that we have the ongoing support needed to publish the *Applegater*. All contributions are tax-deductible and receive recognition in the *Applegater*.

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Editorial Calendar

ISSUE	DEADLINE
WINTER (Dec - Feb).....	November 1 <i>Holiday-Arts</i>
SPRING (March - May)....	February 1 <i>Commerce-Community</i>
SUMMER (June - Aug)....	May 1 <i>Environment-Fire-Recreation</i>
FALL (Sept - Nov).....	August 1 <i>Agriculture-Wine</i>

Advertisers!

We can help you reach your market. The *Applegater* is the **only** newsmagazine covering the entire Applegate Valley.

With a circulation of 11,000 and a readership of more than 20,000, we cover Jacksonville, Ruch, Applegate, Williams, Murphy, Wilderville, Wonder, Jerome Prairie, and areas of Medford and Grants Pass.

**For more information, contact:
Ron Turpen • 541-601-1867
ronaldaturpen@gmail.com**

**Next deadline:
November 1**

FROM THE EDITOR



Dear Readers,

This being our Agriculture-Wine issue, be sure to check out our page-one feature articles about wine terroir, recreational marijuana, and a local CSA, and read about a new adventure for a local winery on page 14.

Opinion pieces are plentiful this issue (pages 19 - 21), but if your interests are more about birds, butterflies, bees, and bugs, see pages 6, 11, 12, and 13.

The *Applegater* welcomes a new board member (page 2), and good-byes are said by the fire district to a key staff member (page 2) and by the Applegate to a member of the community (page 5). Cantrall Buckley Park celebrated its 20th anniversary (page 10), and more interesting historical information about the park is also provided.

Although it's a ways away, we wish everyone a very happy and safe Thanksgiving holiday.

We'll be back with our Holiday-Arts issue in December. In the meantime, enjoy this latest issue. And, as always, feel free to send us your comments. We listen.

Barbara Holiday • gater@applegater.org

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Masthead photo credit

Kathy Kliwer shot this photo of the colorful Indian corn she and her family grow on their property in Williams. Thank you, Kathy!

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Community Calendar

Alcoholics Anonymous. Open meeting every Wednesday at 7 am at the Williams Community Church Fellowship Hall on East Fork Road in Williams. This meeting is open to those who have a desire to stop drinking, and to anyone interested in the Alcoholics Anonymous program of recovery from drinking.

American Association of University Women, Grants Pass Branch, meets monthly September - May, usually Thursday evenings or Saturday mornings at Bethany Presbyterian Church. Membership is open to those holding an associate of arts degree or higher from an accredited college or university. Contact Susan Riell at riells@sbeglobal.net or 541-956-2159 or Linda Rahberger at lr97526@gmail.com or 541-659-4669. Visit grantspass-or.aauw.net.

Applegate Christian Fellowship. For service times, call 541-899-8732 24/7.

Applegate Fire District Board of Directors meets on the third Wednesday of each month at the fire district's Training Building, 1095 Upper Applegate Road, at 6 pm, except for March, April and May. For more information, call 541-899-1050.

Applegate Food Pantry, located behind Ruch School, is open most Mondays from 9:30 to 11 am. Call Charlotte Knott at 541-899-8381.

Applegate 4-H Swine Club meets on Tuesdays following the third Wednesday of every month at 7 pm. For more information, contact Charles Elmore at 541-846-6528 or Barbara Niedermeyer at 541-846-7635.

Applegate Friends of Fire District #9 meets every other month on the third Tuesday at 6 pm at the fire station at 1095 Upper Applegate Road. New members are welcome. For more information, call Bob Fischer at 541-846-6218.

Applegate Library is open Tuesday and Friday from 2 to 6 pm and Wednesday and Saturday from 10 am to 2 pm. 18485 North Applegate Road, 541-846-7346.

Applegate Neighborhood Network (ANN) meets the last Wednesday of every month at Ruch Library. All interested persons are welcome to attend. ANN is a community organization dedicated to protecting, preserving, and restoring the Applegate watershed. For more information, call Duane Bowman, 541-899-7264.

Applegate Partnership and Watershed Council meets the fourth Thursday of the month at the Applegate Library. For more information, call 541-899-9982.

Applegate Valley Community Grange meets the second Sunday of each month for a potluck and a business meeting. Call 541-846-7501 for times. 3901 Upper Applegate Road.

Applegate Valley Garden Club meets at 1:30 pm on the third Wednesday of the month from September through May. For meeting locations and programs, call Sandra King at 541-899-9027 or Betty Lou Smith at 541-846-6817.

Easy Gaited Horse Association meets at 6 pm on the first Tuesday of the month, March through October, at Black Bear Diner in Grants Pass. Dinner and meeting to plan rides and camp-outs for owners of gaited and non-gaited horses. \$10/year; \$15/year family. Meetings are free. For more information, call Donna Kirk at 541-659-9305.

Food & Friends Senior Nutrition Program invites local seniors (60-plus) to enjoy nutritious, hot meals at 11:30 am Monday - Friday at Jacksonville IOOF Hall, at Main and Oregon Streets. A donation is suggested. Volunteers serve meals or deliver meals to homebound seniors. For more information, call 541-664-6674, x246 or x208.

Friends of Ruch Library Board of Directors meets on the first Thursday of each month at 6:30 pm at Ruch Library. All are welcome. 541-899-7438.

Grants Pass Nordic Ski Club meets on the first Thursday of the month, November through April, at Elmer's, 175 NE Agness Avenue, Grants Pass, at 6 pm. Ski outings are on Saturdays. Listings are on the snow phone at 541-592-4977.

Greater Applegate Community Development Corporation meets the second Wednesday of January, April, July and October at 6 pm at Applegate Fire District Station 1, 18489 North Applegate Road. For more information, go to www.gacdc.org.

Josephine County Soil and Water Conservation District (SWCD) meets Thursdays at 6 pm. For meeting information, call 541-474-6840.

Ruch Library is open Tuesday from 10 am to 5 pm, Thursday from 1 to 7 pm, and Saturday from 11 am to 4 pm. 7919 Highway 238, 541-899-7438.

Sanctuary One farm tours every Wednesday and Saturday, 10:30 am to noon, April - October. \$10 per person. Reservations required. Call 541-899-8627 or email info@sanctuaryone.org. 13195 Upper Applegate Road.

Siskiyou Audubon Society (free program) meets the second Tuesday of each month, September - June, at 6:30 pm at Grants Pass High School cafeteria (Room 611), 830 NE 9th Street, and features expert birding scientists and bird biologists. Refreshments served. More information: John Taylor, 541-476-9846.

Southern Oregon Beekeepers Association meets the first Monday of each month at 7:30 pm at the OSU extension. For more information, please contact sobeekeepers@gmail.com.

T.O.P.S. (Take Off Pounds Sensibly) meets every Monday morning at Applegate Church, 18960 North Applegate Road (at the corner of Highway 238). Weigh-in starts at 8:30 am; the meeting starts at 9:00 am. Come join us!

Williams Creek Watershed Council meets the fourth Wednesday of each month at 7 pm at the Williams Fire Station. The public is welcome. For more information, call 541-846-9175.

Williams Grange Business Meeting, second Tuesday of each month, 7 pm. 20100 Williams Highway near Tetherow Road. For more information, call 541-846-6844.

Williams Grange Pancake Breakfast, second Sunday of each month, 8:30 to 11 am, Bluegrass Jam 11 am to 1 pm. Closed July and August. 20100 Williams Highway near Tetherow Road. For more information, call 541-846-6844.

Williams Library is open Tuesday, Wednesday and Saturday from 1 to 5 pm. Volunteers needed and appreciated. Free Wi-Fi during open hours. 20695 Williams Highway. For more information, call Brandace Rojo at 541-476-0571 x112.

Williams Rural Fire Protection District meets the fourth Wednesday of the month at 7 pm at the Williams Fire Department.

Women Helping Other Women (WHOW) meets the second Tuesday of the month at 10036 Highway 238 (Gyda Lane), 6:30 pm. Potluck meeting to plan work parties at each other's homes. New members welcome. For more information, call Thalia Truesdell at 541-899-8741 or Sioux Rogers at 541-846-7736.

Wonder Neighborhood Watch meets the second Tuesday of each month, 6:30 pm, Wonder Bible Chapel, 11911 Redwood Highway, Wilderville.

••• BIZBITS •••

BizBits highlights businesses new to the area, holding special events, or offering new products. If you are a business owner, let us know when you move into the area or to a different location, hold a special event, expand your business, or mark a milestone. Email Shelley Manning at manningshelley@icloud.com.

Cowhorn Vineyard and Gardens. Visit Cowhorn Vineyard's new "green" tasting room for which proprietors Bill and Barbara Steele decided to take on all seven of the Living Building Challenges, an international sustainable building program that promotes the most advanced sustainability in the built environment. When inspections are completed, Cowhorn's tasting room will be the 41st building in the world to have met all seven challenges! Cowhorn wines are certified biodynamic, which means they are produced without synthetic chemicals. Cowhorn wines are "just delicious," says Timothy Nishimoto of *Wine Spectator*, and "unexpectedly unforgettable," according to *Wine Advocate*. Open Thursdays - Sundays from 11 am to 4 pm or by appointment. 1665 Eastside Road, Jacksonville. 541-899-6876.

Karna and Sons. Located since April at 15095 Highway 238 (in the Applegate Store and Cafe parking lot). Every Tuesday - Saturday from 1 to 8 pm, Karna offers tacos, burritos, taco salad—with choice of meats, all-beef hot dogs, and Polish dogs. Add guacamole or a bean-and-rice cup to your order. Come for the Friday night special—enchilada and taco plates from 5 to 8 pm! Part of the Applegate Store family, Karna is pleased to have set up shop in the Applegate. Look for her winter menu featuring homemade soups and grilled cheese sandwiches.



Red Lily Vineyards. Catch the last of the Thursday Beach Concert Series on the Applegate River: September 1 with 221 Fly, and September 8 with East Main Band. No cover, local food vendors, lawn and table seating. Red Lily was mentioned in the February 2016 issue of *Wine Enthusiast*. According to columnist Paul Gregutt, "The story of Oregon wine no longer begins and ends with Willamette Valley pinot noir, as many of the most exciting new offerings hail from southern Oregon." But you already knew that! Open daily from 11 am to 5 pm, Thursdays and Fridays until 8 pm until October 31. 11777 Highway 238, Jacksonville (Ruch). 541-846-6800.

Schmidt Family Vineyards. Happy 10th Birthday to Schmidt Family Vineyards, who are celebrating on Labor Day weekend! Come sip wine and relax in the beautiful environment of Schmidt for Friday Music Nights through October, with live music, food, and extended hours until 8 pm. On October 29 at 12 pm, Schmidt Family Vineyards is hosting their annual Harvest Party, which includes a crab and shrimp buffet. Call the tasting room for details at 541-846-9985. Look for exciting changes at Schmidt as they complete a new 6,000-square-foot building project. Open daily from 12 to 5 pm year-round. Fridays 12 to 8 pm. 330 Kubli Road, Grants Pass.

Applegate School Community Survey

We are reaching out to the local community to determine if there are ways in which we can partner to increase the use of our facility by local folks. We would like to expand activity opportunities here in the valley for everyone, and in the process create positive school-community partnerships that benefit our students.

Please complete the brief survey below and drop it off at the Applegate Store at the front counter. The next step would be ours: to contact you to see how we can assist! We can work out the details, including specific times and dates, insurance requirements for your activity, etc.

We look forward to working with you!

Activities you may be interested in holding at our school:

- | | | |
|--|--|---|
| <input type="checkbox"/> Computer / Multimedia | <input type="checkbox"/> Basketball | <input type="checkbox"/> Photography |
| <input type="checkbox"/> Aerobics / Dance | <input type="checkbox"/> Music | <input type="checkbox"/> Drama |
| <input type="checkbox"/> Bazaar / Rummage Sale | <input type="checkbox"/> Homemaking | <input type="checkbox"/> Reading |
| <input type="checkbox"/> Woodworking | <input type="checkbox"/> Volleyball | <input type="checkbox"/> Arts / Crafts |
| <input type="checkbox"/> Chess | <input type="checkbox"/> Card Games | <input type="checkbox"/> Martial Arts |
| <input type="checkbox"/> Gardening | <input type="checkbox"/> Health / Wellness | <input type="checkbox"/> Self-improvement |
| <input type="checkbox"/> Preschool | <input type="checkbox"/> Teach a Class | |

Other activities you would like to discuss with your school:

What days might you want to do this?

- Monday Tuesday Wednesday Thursday Friday

What time might you want to do this? _____

How we can get in touch:

Name _____

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Send your calendar information to gater@applegater.org.

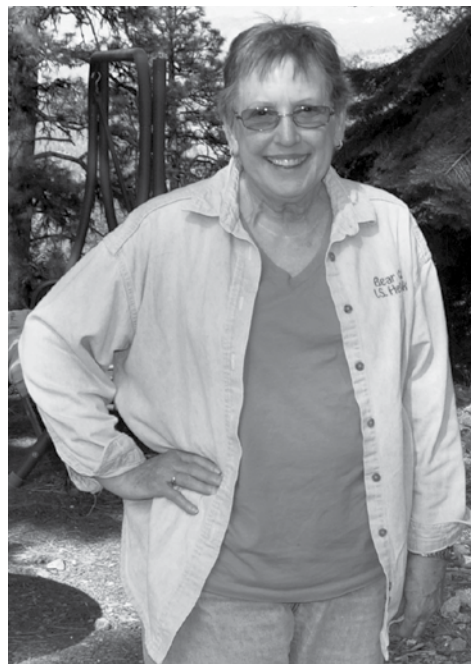
Andrea Wilson 1941 - 2016

Andrea Kay (Ridenour) Wilson, 74, passed away on July 16, 2016, at her home in Applegate, Oregon, with her family by her side. She was born on December 10, 1941, in Letts, Iowa, to Leslie C. and Zora E. (Wherry) Ridenour.

After fifth grade, Andrea grew up in Lindsay, California. She graduated from Lindsay High School in 1960. After high school, she attended various college courses with ranging topics, but with a special affinity for anthropology. Most recently, Andrea worked at Harry & David's in help desk support for 10 years, retiring in 2002. Prior to that, she worked a variety of jobs from meat wrapper to realtor, while additionally working in the home as a mother and wife.

Andrea married Clyde Clarence Wilson in 1960 in Reno, Nevada. They were lifelong soul mates and friends, meeting first in fifth grade and staying happily married for 55 years.

Andrea was an active member of the Rogue Gem and Geology Club in Grants Pass, Oregon. She also enjoyed fishing, camping, hiking, rock hunting, jewelry making and working with clay,



pursuing every hobby with passion. She was an avid lover of nature and animals as well as a consummate world traveler who loved to experience the people and culture rather than merely be a tourist. With her husband in tow, Andrea visited at least 19 countries in her life.

Andrea was preceded in death by her parents, Leslie and Zoe Ridenour. She is survived by her husband, Clyde,

of Applegate, Oregon; her sons, Eric (Deanna) Wilson, of Portland, Oregon, and Chris (Kristine) Wilson, of Lynden, Washington; her sisters, Florence Fix, of Iowa, and Audrey Garner, of Coos Bay, Oregon; her brother, Leslie Ridenour Jr., of Coos Bay, Oregon; her grandchildren, Elizabeth, Ashley, Katherine, and Robert; and her nieces and nephews.

While no memorial service will be held, the family appreciates those who have been a part of Andrea's life. In lieu of flowers, the family requests memorial donations be made to the American Cancer Society.



Andrea, my friend

It's difficult to say "Andrea" without saying "Andrea and Clyde," because they were rarely apart. We met each other at a folding party for the *Applegater*, in the old days, before the paper was folded by the printing company. You remember those days: when we all stood around long tables in one of the local libraries, telling neighborhood stories and getting to know each other in ways that seemed especially important.

At that time Andrea and Clyde owned llamas, and I was interested in their hiking adventures with the llamas. But not long after I met them, they sold the llamas, so I invited them to walk with me instead on our property on Thompson Creek. They brought along their two miniature schnauzers, Wilson and Winston, who romped and played with my border collie.

Since Clyde was in the military, Andrea had adapted to many different environments and lifestyles. I loved hearing Andrea's stories of their life in England in a 450-year-old home in Milcombe, Oxfordshire, near the village of Banbury, and about their adventures in Rapid City, South Dakota. And who but Andrea would take on a litter of abandoned piglets and raise them on baby bottles, feeding them every two hours for who knows how long?

Andrea and Clyde enjoyed making jewelry and camping while hunting for gems. Both of them became quite accomplished in their art, and I cherish the pieces that Andrea gave to me over the years.

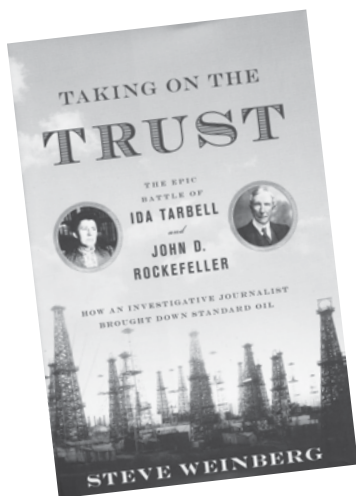
I feel very fortunate to have known Andrea (and Clyde) over the past several years. It's this kind of friendship that makes good neighbors and, therefore, a good community.

Joan Peterson • 541-846-6988

BOOKS & MOVIES

— Book —

Taking on the Trust Steve Weinberg



I had three books picked out to read for this book review and planned to review the one I thought was best. Well, it was summertime, and with all the troops—both family and outlaws—visiting us, along with all the planting, weeding, trimming, and mowing that needed to be done in our extensive gardens, I managed to read only one of my chosen books. It turned out to be a great choice.

Taking on the Trust by Steve Weinberg is an historical biography about Ida Tarbell, the first great modern investigative journalist, and about John D. Rockefeller (America's first billionaire) and Standard Oil. Originally, Weinberg was writing a biography only on Tarbell. However, her story was so interwoven with Rockefeller and Standard Oil that Weinberg combined both stories into a dual biography.

I really like books on history because I find real life better than fiction—you just can't make up this stuff! That said, I've read many books on history where the author put me to sleep. This wasn't the case with *Taking on the Trust*. Weinberg fashioned this double biography into a fascinating and easy read.

The family of Ida Tarbell (1857 - 1944) went into the oil business in Titusville, Pennsylvania, during America's first oil boom. Ida started life in those oil fields of Pennsylvania. Her father, Franklin, produced storage receptacles for shipping oil. By the time of that first oil boom, John D. Rockefeller (1839 - 1937) was already a successful businessman in Cleveland, Ohio. He started Standard Oil when he saw there was money to be made refining oil.

When Tarbell put her pen to paper to reveal what she had found out about Rockefeller and his unscrupulous business practices—international espionage and sabotage, undercutting prices of competition worldwide, bribery and conspiracy, receiving intelligence from the railroads, just to name a few—Rockefeller couldn't believe that the written word had more power than his wealth. After Tarbell's book was published, the government, with Teddy Roosevelt as president, had the information to successfully prosecute Standard Oil for its monopoly of the oil business, a decision upheld by the Supreme Court. Standard Oil was forced to break up into 33 different companies. Ironically, this served to expand Rockefeller's wealth.

Like an artist, Weinberg paints a colorful road of dreams, mud, tears, and oil on which Tarbell, Rockefeller, and his Standard Oil Company collide, resulting in very little justice.

Taking on the Trust is one of the books that now rests in my small pile of read-it-again history books.

J.D. Rogers
541-846-7736

— Movie —

Lights Out

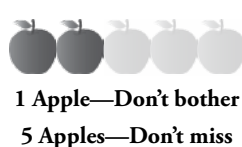
Reviewer rating: **2 Apples**
Genre: Horror
PG-13

Opened: July 2016

Cast: Teresa Palmer, Gabriel Bateman, Maria Bello / Director: David Sandberg

I love horror movies, people! Love them! After seeing *Silence of the Lambs*, which totally got under my skin (pun totally intended), I was hooked on psychological horror thrillers. So, on a hot summer afternoon, with my daughter and our visiting friend in tow, I stepped into the cool darkness of a movie theater to watch the newly released horror flick *Lights Out*.

With fresh popcorn, cold water, and a blue raspberry Iced, we sat down in our



1 Apple—Don't bother
5 Apples—Don't miss

seats anticipating some good heart-pounding scares and maybe a blood-curdling scream or two. As the theater lights lowered, we all looked at one another with nervous, yet excited smiles on our faces and proceeded to prepare ourselves for a proper mind-twisting, hair-curling, armchair-grabbing experience!

The plot, if there even was one: Martin (Gabriel Bateman), a little boy, living with his crazy, yet loving mother (Maria Bello), experiences terrifying events nightly after the lights go out. Martin's older sister, Rebecca (Teresa Palmer), was also traumatized by similar



events when she was a little girl and is now forced to face her fears in an attempt to save her family.

About five minutes into the film, as we were getting acquainted with the main character, I was startled. A little. Sadly, not by the movie, however. A young woman in the audience two rows ahead of us dropped her popcorn onto her lap and squealed. And that, folks, was the only time I jumped. In fact, it was the only time my heart raced. For me, this movie was a total dud. Everything about it fell hard—like a dead body on a hardwood floor. Thud!

Now, in all fairness, my daughter and our friend were, at times, on the edge

of their seats. I stole a few looks at them—they were wide-eyed and anxious. I rolled my eyes, shoved more popcorn into my mouth, and thought "bloody amateurs"! This movie was predictable and just downright insulting. I mean, c'mon, we all know that you never go into the basement, right? And what did Rebecca and Martin do? Yep! Dumb, dumb, dumb!

So, I leave you with this: if it's your first horror movie, this is probably a good one to get your feet wet (although the storyline is weak at best). If you are a self-proclaimed horror-flick queen, don't bother. I'd rather file my nails...or drag them across a chalkboard.

Mikell Nielsen
mikell@mikelllouis.com

Notes from a Rogue entomologist**Days of wine and stink bugs**

BY RICHARD J. HILTON

Some of you may recall a time when there were such things as books of jokes. A joke book I had as a youngster was titled *Waiter! There's a Fly in My Soup!* It included many variants, such as "Waiter, what is this fly doing in my soup?" "I believe that's the backstroke, sir." Or "Waiter, there's a dead fly in my soup." "Yes sir, it's the heat that kills them." And my favorite, "Waiter, there's a fly in my soup." "Sir, please keep your voice down or everyone will want one." Simpler times, I believe.

Well, a fly in your soup is one thing, but a stink bug in your wine is quite another. In recent columns I discussed a couple of local trends. First is the burgeoning vineyard and wine industry that has rapidly developed into a regional agricultural mainstay and is becoming known for producing premium wines. A less positive trend is the influx of invasive species.

One pest that I have written about is the brown marmorated stink bug (BMSB), which was first discovered in the Rogue Valley in 2012 and can now be readily found in most of the cities and towns in our region. It has not yet become an agricultural pest, but it is only a matter of time. In places where BMSB

has been a resident for a longer period, the pattern is for the population to slowly build up in urban and residential areas and then become a pest in the surrounding agricultural landscape. This happened back east when BMSB caused tremendous damage to apple and peach crops in 2010. In Portland, where BMSB was initially found in 2004, BMSB populations are very high, and the pest has begun to show up in Willamette Valley vineyards, where some of the highest quality pinot noir grapes are grown.

Research into the possible deleterious effect of BMSB infestation in wine grapes started back east at the University of Maryland (yes, even Maryland has a wine industry). Further research has been conducted at Oregon State University (OSU) by Dr. Elizabeth Tomasino and others when BMSB started to show up in Willamette Valley vineyards. This research found that the presence of stink bugs in the harvested grapes could taint the wine and identified the specific chemical compounds given off by the stink bug that produced the taint. The number of stink bugs needed to cause the taint is a subject of ongoing research. The

work at OSU showed that the destemming and pressing stages were important in the release of the stink bug's defensive (and distinctive) chemicals and that even the type of press used could affect the amount of taint compounds released. The good news is that it appears the number of stink bugs needed to actually taint the final product is quite high, since the taint compounds dissipate over time as they break down during fermentation. As an aside, there is no doubt in my mind that the discovery of fermentation for the production of food (cheese) and drink (wine, beer) was a major milestone in human history.

The aspect of the research on stink bug taint that I found most interesting was that the perception of these taint chemicals was far from uniform. The descriptors most often used to describe the stink bug taint were "cilantro," "skunky," "citrusy," and "piney." While most tasters found the taint undesirable—with a significant number finding it quite loathsome—that response was not universal. I had the opportunity to sample some wine spiked with the taint chemicals at both low and



very high levels. I fell into a small group that was unable to perceive the taint at all. The server graciously told me that I was one of the "lucky" ones, but I felt anything but lucky. (However, this may explain my love of "bitter" IPA beer—and the more IBUs the better.)

While a potential career as a wine taster may no longer be an option for me, I will continue to study BMSB and its pest status in vineyards with the goal of developing management options so that the tasting public will never need to find out if they are "lucky" or "unlucky."

Richard J. Hilton

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Senior Faculty Research Assistant / Entomologist

Oregon State University-Southern Oregon Research & Extension Center
richardhilton@oregonstate.edu**Aerial detection survey of Oregon forests is under way**

BY BILL SCHAUPP



Results of the 2016 aerial survey by the US Forest Service will be published in the winter issue of the *Applegater*. Photo provided by the US Forest Service.

The 2016 aerial detection survey of Oregon's forests is well under way. This survey is an annual cooperative effort by the USDA-Forest Service's Forest Health Protection group and the Oregon Department of Forestry.

A new feature this year provides brief, timely updates on significant observations. The 2016 update for southwest Oregon is posted on the Internet at arcg.is/29sf1rr. This update features Douglas-fir mortality caused by the flatheaded fir borer and includes airborne video filmed above Ferris Gulch and Thompson Creek in the Applegate watershed between the towns of Applegate and Provolt.

Aerial detection surveys have been flown annually since 1947. Data from these surveys are available online in digital, GIS-ready format, along with prepared maps and much more, at our aerial survey web pages at [fs.usda.gov/detail/r6/forest-grasslandhealth/insects-](http://fs.usda.gov/detail/r6/forest-grasslandhealth/insects-diseases/?cid=stelprdb5286951)

[diseases/?cid=stelprdb5286951](http://fs.usda.gov/detail/r6/forest-grasslandhealth/insects-diseases/?cid=stelprdb5286951). (If you don't want to enter the entire web address, here's a step-by-step guide: Go to fs.usda.gov/r6, then click on "Forest and Grassland Health" in the left-side column, then "ADS Home" in the right-side column for Aerial Detection Surveys, then "View the ADS review map.".) Each year, very soon after the data are acquired, they are posted to that site.

Because it is too soon to analyze these draft data, I will submit a more detailed assessment of the 2016 aerial survey results over the Applegate watershed for the Winter *Applegater*, which will follow up on the Spring *Applegater* article by Ellen Michaels Goheen and me covering the same topic of forest health.

Bill Schaupp • bschaupp@fs.fed.us

Entomologist

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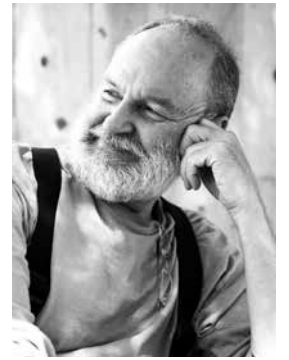
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THE STARRY SIDE

Total solar eclipse in 2017

BY GREELEY WELLS



Greeley Wells

I can't talk about fall 2016 until I tell you about fall 2017 because, if you want to see what I'm about to describe, you must be very clever and plan as far ahead as you can. Find some friends north of us—like in Bend—and stay with them in order to drive about an hour farther north on Monday, August 21, 2017, to see the *total solar eclipse*. It will start on the Oregon coast, go through Salem, then completely across the country, and leave the east coast off South Carolina. Most likely, there will never be another eclipse in our lifetime that is so close to us and so perfect.

I ventured to Guadalajara, Mexico, in 1991 to see the last eclipse that was somewhat close to us, and it was well worth the trip. I will see this one, too, especially because it is so in reach. It is being said that this will be the most observed celestial event in known history. This experience is next to none other that you can imagine. There's something inexplicable about being in the 90-mile-diameter black shadow of our moon around 10 in the morning that races at over 1,000 miles per hour past you to give you a perfect "almost night" with planets and stars for two minutes, then leaves as fast as it came. Your sense of the solar system will never be quite the same. Share this stupendous event with your partners, kids, and friends—it's a once-in-a-lifetime experience! Google "2017 total solar eclipse" for more details.

Now back to fall 2016. The summer triangle will still be up, but

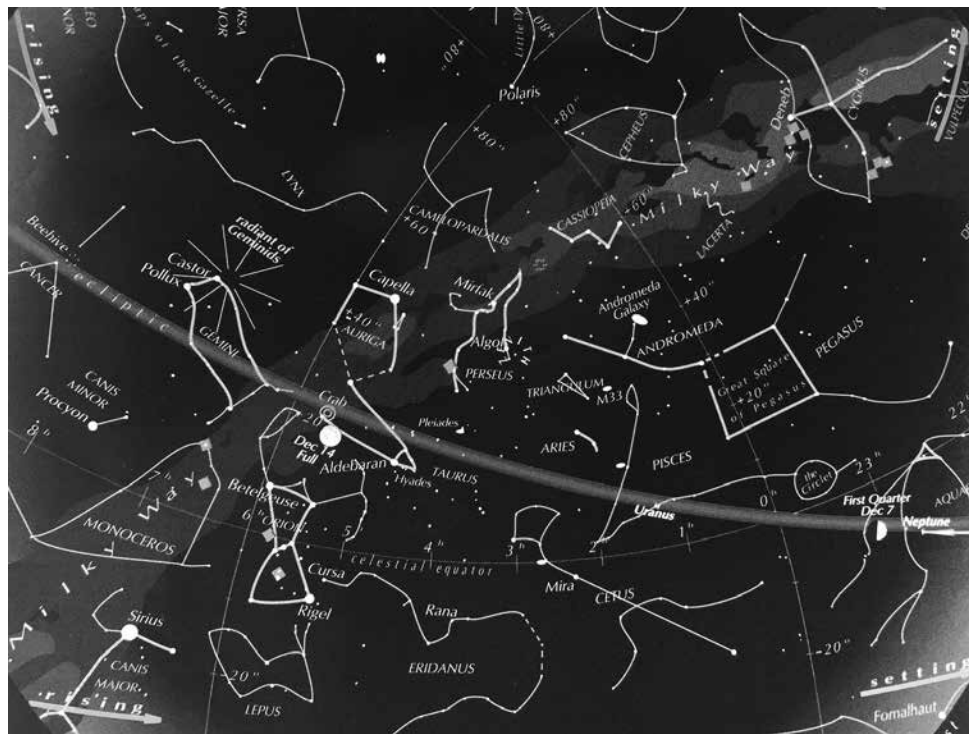


Illustration: Guy Ottewell's *Astronomical Calendar 2016*.

moving westerly; by December only two of the three constellations will be visible. Bright Vega will be on the northwest horizon line along with the Northern Cross. The cross is really Cygnus the Swan, the long-necked goose, who will have its head on the horizon with its neck, tail, and wings forming a perfect cross standing close to upright. This summer icon dips northwest as our fall constellations rise.

In September, Pegasus the Horse is well up from the eastern horizon. It passes the zenith next month and is in the west in November. The big dipper is swinging under the North Star and

taking bright Arcturus out of sight from the west-southwest, while Cassiopeia rises up to and over the North Star, Polaris. With her comes the Milky Way with Perseus (a large curved V-like shape pointed toward Cassiopeia), bright Capella in Auriga (the five-sided box), Taurus (that small V shape), and the familiar hunter Orion with his belt of three stars.

Other events of note

The Orionids meteor shower peaks on October 21, but is really around in a lighter form from October 2 through November 7. More than half of all meteors leave a train or trail behind, with

typically about 20 meteors occurring per hour at the peak on the 21st. The last quarter moon sets around midnight so morning viewing is still the best time.

Some planet and moon events: On September 3 and 4, a half hour after sunset, the crescent moon passes by Venus and Spica, respectively. Yes, Venus is back with us heading up into the sky at dusk. Jupiter is setting behind Venus and is soon gone. Mars and Saturn are in the southwest near the constellations Sagittarius and Scorpius. In October, Mars starts moving east, speeding up by late October along with Venus, who also leaps up from the horizon line and catches up with Saturn on the 29th. In November, Venus and Mars continue rising higher and higher in the southwest and then south. And Saturn goes behind the sun for a while.

Now here's a strange one for you: a full moon playing with Aldebaran—that bright star in that beautiful V of Taurus—twice in the same day! Yes, at dawn *and* dusk on November 15! The full moon moves into the tip of the V about an hour before sunrise; three hours after sunset it is just below it. Watch this travel on the days on either side of the 15th, too. It's a rare treat for star and moon lovers.

Here's to clear dark night skies and bright stars for you.

Greeley Wells
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Dogs and bunnies and cats, oh my!

BY KAT VON CUPCAKE

The dog days of summer are here at Sanctuary One, and we are happy to announce the bunny and cat days of summer, too. Hopefully, we all have a little more time to savor the long days and warm weather that summertime in southern Oregon offers. So why not grab your kids, grandkids, a neighbor, or your best friends and come out for a tour and meet the animals of Sanctuary One?

Our Cat Cottage is filled with friendly and curious felines who would love to become a part of your family. If you enjoy swimming, then you might fancy a dip with our most recent addition, Callie (see photo). Callie is a gorgeous and sweet 10-year-old Turkish Van. This breed is best known for its unusual fascination with water.

The Bunny Barn is bursting with personality these days. Garth and Brooks

are both adorable, fluffy black bunnies, one with ears that stand up and one with ears that flop. When these two aren't entertaining one another with playful bunny antics, they are napping together in a sweet bunny snuggle.

Meanwhile, over at the Dog Cottage, the dog days of summer are in full swing! Copper the coonhound and his new bunkmate, Crosby, a beautiful brindle-terrier mix, are busy soaking up the sun in between dips in the wading pool. There is never a dull moment with these two boys. They are both ready to join a human and become his or her new best friend.

Our pasture is replete with horses, pigs, goats, sheep, alpacas, geese, and a recently rescued one-year-old steer. Each of these critters has a story of a less-than-perfect living situation (some

are downright horrific) prior to being rescued and brought to the calm and safety of Sanctuary One. Our ambassador pigs, Lulu and Jigsaw, have been busy showing two newly rescued piglets, Gumball and Pickles, just how good life can be. Whether they are enjoying a nap under a shade tree or greeting visitors at the gate, their cheerful porcine antics are guaranteed to make the corners of your mouth curl upward. You can see photos and read more about these animals and many more at sanctuaryone.org.

There is no time like the present to invite love and companionship into your life. If your current situation



Callie, a ten-year-old Turkish Van, loves water.

does not allow for in-home companionship, Sanctuary One is always looking for new volunteers. You can spend time walking a dog or two, rubbing the bellies of various animals, or getting down in the dirt to help tend the gardens of Sanctuary One.

We offer guided group tours on Wednesdays and Saturdays through October, or you can schedule a private tour. To donate, book a tour, or learn about volunteer opportunities, please visit sanctuaryone.org or call 541-899-8627. See you at the farm!

Kat von Cupcake • 541-899-8627
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DIRTY FINGERNAILS AND ALL

Just look—don't touch!

BY SIOUX ROGERS

Watch out for beautiful flowers and plants! Did you know that there are many plants poisonous to either humans or animals, or both? The following is a skimpy list of plants whose toxicity can cause a mild skin rash or lead to death.

Hydrangea

What would San Francisco be without hydrangeas? Who would ever have thought that this fantastic flowering bush could actually harm my little bow-wow or mew-mew? If one of those sweet little pets had a nibble on a leaf, watch out for diarrhea and vomiting and even lethargy. The leaves and flowers of hydrangeas are especially toxic.

Clematis

I can't believe that my most revered vine could cause harm. Although it is mildly toxic, it is nonetheless considered a poison. If the beautiful clematis touches your skin, you may experience a mild to moderate rash with some burning. Hint: wear gloves when pruning.

Luckily, the plant tastes so yucky that most animals are not tempted to nibble on it. But if they are very naughty and curiously hungry, watch out for drooling, vomiting, and diarrhea.

Oleander

Have you heard the story of the two hobos who had a hot-dog roast? The dumb clucks used oleander branches for roasting skewers. That is why I am telling their story and not them.

Every tiny little part of the oleander is extremely poisonous, as well as the smoke from burning the plant. Symptoms of poisoning can include dehydration, fever, slow heartbeat, tremors, and death.

Oleanders contain naturally occurring poisons, specifically cardenolides or bufadienolides, that affect the heart. These poisons are called cardiac glycoside toxins, and they interfere directly with the electrolyte balance within the heart muscle.

Azalea and rhododendron

Both azalea and rhododendron are poisonous for pets. These colorful flowers

may add color to a garden, but they are still pet unfriendly. If eaten, flowers, leaves and stems can lead to nausea, abdominal pain, and difficulty breathing.

Both of these plants contain grayanotoxins, which disrupt sodium channels affecting the skeletal and cardiac muscle. All parts of the plant are considered poisonous, and ingesting as little as 0.2 percent of an animal's body weight can result in poisoning. Symptoms of poisoning in pets is drooling, vomiting, and diarrhea. Your pet may appear very uncomfortable and weak. Well, the poor darling has been poisoned. If that were not enough, your dear pet can go blind.

Rhubarb

When the first of the big juicy rhubarb stalks appear, I am searching for ripe strawberries. One of my favorite pies is strawberry-rhubarb, although I must admit that my rhubarb and strawberries are never ripe at the same time. Sadly, while rhubarb stalks are a delicacy, the leaves are rather poisonous.

One of the poisonous culprits in rhubarb is oxalic acid. During World War I, British soldiers were incorrectly advised that the *entire* rhubarb plant was nutritional. Sadly, the leaves are quite high in oxalic acid, which can cause kidney problems and stomach irritations. While rhubarb stalks are often used as a mild laxative and culinary confectionary, symptoms of toxicity set in within an hour of eating the leaves and can lead



Clockwise from top left: *Hydrangea* (community.saa.co.uk), *clematis* (pinterest.com), *Easter lily* (pinterest.com), and *rhubarb* (panteek.com).

to convulsions, internal bleeding, coma, and even death.

Dumb cane (dieffenbachia)

I wonder if the name "dumb cane"—also known as dieffenbachia, the common, easy-to-grow houseplant—came about because folks were too

ignorant to stop themselves from eating it. Dumb cane ranks as one of the most poisonous plants in the world.

If one of our four-legged friends (or a human) eats a leaf of a dumb cane, clinical signs of toxicity might be seen immediately. Your pet might painfully paw at its face and start drooling, foaming, and vomiting. And moderate to severe swelling of the lips, tongue, oral cavity, and upper airway would make breathing and swallowing difficult.

Easter lily

Cats are particularly sensitive to and easily poisoned by just a little nibble of the beautiful Easter lily. Death is usually caused by kidney failure. It is also poisonous to humans due to the alkaloid lycorine in the bulbs and stems.

Initial symptoms of poisoning are abdominal pain, diarrhea, vomiting, excessive salivation, and shivering, followed by kidney failure and death. Sadly, there is no known specific antidote.

If you're eager for more information, visit balconygardenweb.com for a longer list of poisonous flowers. More information about pets and poisons can be found at petpoisonhelpline.com.

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Celebrating the park

BY TOM CARSTENS

Anniversary party

Cantrall Buckley Park began the summer with a bang. On June 4, we celebrated the 20th anniversary of the community's rescue of the park from closure. One of the county commissioners from that era, Sue Kupillas, was in attendance. The Young Marines of Southern Oregon opened with a flag ceremony and the pledge of allegiance. Everyone enjoyed the delicious scones donated by **The Honeysuckle Cafe** and all the homemade cookies baked by members of the park committee.

Many of the community leaders who pitched in to save our park were recognized. A bench was dedicated to **Jack Shipley**, who organized the effort in 1996. Jack told the crowd that it was among his proudest achievements in his long service to the Applegate Community. Jack served on the Park

Committee for 18 years. Jack, who heads the Applegate Partnership and Watershed Council, told the crowd of that group's plans for blackberry removal in the park.

Another bench was dedicated to **David Laananen**, who served as Park Committee chairman and president of the Greater Applegate Community Development Corporation (GACDC), the nonprofit under which the park is managed. Dave volunteered from 2004 to 2014. Under his leadership, the park received three-quarters of a million dollars in grants and donations.

Also recognized was **Neil Ledward**, the first supervisor of Jackson County Parks. In the early 60s, Neil conceived, designed, and built the park, principally from land purchased by the county from Harlan Cantrall, a local rancher. Neil told the crowd how pleased he was to see the growth of the trees he had saved.

Finally, **Michelle LaFave**, who first dreamed up the idea for the new playground, officiated over the ribbon-cutting ceremony. Her children, Arianna and Brennan, assisted; they were among those who helped with the design of the park's newest facility. The beautiful playground was made possible by donations from throughout the Rogue Valley.

New barbecues

In other news, citizen donations enabled the purchase of 16 new barbecue grills. Hats off to **Matt and Donna Epstein, Ted and Mary Warrick, Judy Crowe, Greeley Wells, Karen Engelhardt, Carey Chaput, and our July Fourth picnickers** for their generous contributions to the park.



Benches were dedicated to Jack Shipley (top photo) and David Laananen (bottom photo) at the 20th anniversary celebration of Cantrall Buckley Park. Photos by Tom Carstens.



Neil Ledward, Jackson County's first parks director, passes on some Cantrall Buckley history at the anniversary celebration. Photo by Tom Carstens.

History: Cantrall ford becomes a bridge

Prior to the 1960s, a lot of old timber was growing in the hills west of Ruch. Trouble was, loggers had no way to get it to market, as there was only a small ford across big Applegate River just above the old swimming hole on the Cantrall Ranch. That is, there was no way until Rodney Keating, president of the Oregon and California Railroad Land Grant Committee, sold the idea of a bridge to the Bureau of Land Management (BLM) and Jackson County. He convinced Harlan and Margaret Cantrall to grant the easement for a bridge across their property.

The BLM began construction of the bridge in 1960. At a total cost of \$46,000, the single-lane bridge was dedicated on a sunny Sunday on June 3, 1962. A big crowd gathered on the new bridge that day for the opening ceremony, which was attended by many in the Applegate community and by the Jackson County Commissioners.

Joanne Cantrall, the eight-year-old daughter of Harlan and Margaret, formally cut the ribbon while Ross Youngblood, the BLM's district manager, officiated. Rodney Keating spoke and referred to the crossing as "my bridge." Frank Ross, president of the Southern Oregon Pioneer Society, paid tribute to all the early pioneers who had to ford rivers over tough boulders. He told the crowd, which included descendants



Built in 1960, the single-lane bridge over the Applegate River was dedicated in 1962. Photos by Tom Carstens.

of those pioneers, that "they had no snorting bulldozers nor concrete, but would be pleased if they could see the progress of today." Now all that timber could be brought to market.

A year later, Jackson County would see the wisdom in taking full advantage of that bridge and begin planning for a park just on the other side of the river. Cantrall Buckley Park was born. Luckily, Jackson County decided not to harvest the trees, which is why we have such a lush, shady park today.

Tom Carstens • 541-846-1025

Art mural

The new art mural is progressing on schedule. Upper Applegate artist **Jeremy Criswell** has been hosting numerous tile-making sessions with our residents and school kids. The mural mosaic is entering its final stages and will be installed in the fall following renovation of the day-use restrooms. Thanks go out to **Clint and Mary Driver** for a generous donation that enabled the addition of beautiful eye-catching glass. The \$20,000 mural mosaic project is now fully funded! Heartfelt thanks go out to the entire Applegate community. Our park could not exist without your support.

Free trip raffle

As a fundraiser for the park, we are repeating our free trip raffle this year. You could win a free round-trip air ticket for two anywhere in the continental United

States! This raffle raised almost \$3,000 last year. Winner Annette Parsons and her husband Jim Clover chose to go to the mountains of North Carolina, and they had a great time. If you feel lucky, you can participate in the raffle by going to the GACDC website at gacdc.org and hit the button to contribute to the raffle. The raffle drawing will be held at **Wooldridge Creek Winery** on Saturday, September 10. You can also contribute on that day. Good Luck!

More help needed

If you'd like to help out with the new campground RV upgrade, please feel free to send donations to GACDC, PO Box 335, Jacksonville, OR 97530.

And if you'd like to join our Park Committee, please give me a call.

Tom Carstens
541-846-1025

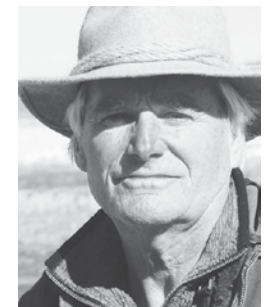


Tile makers for the soon-to-be-completed mosaic mural for Cantrall Buckley Park are hard at work. Photo by Jeremy Criswell.

BIRD EXPLORER

New bird identification book

BY PETER J. THIEMANN



Peter J. Thiemann

As I write this, it is a quiet time for birding, but the exciting autumn season is upon us when locally raised young birds show up and the first wave of migratory birds arrive on the coast. There is one exception: When looking for Western and Clark's Grebes on our freshwater lakes these days, you may

be lucky to see some young riding on their parents' backs. All that paddling makes the chicks tired, so they take a break—very cute as the photo shows.

There is good news for those of you who want to take birding to another level. A new bird identification book that covers our region—with

excellent photographs, I might add—has been published by the Seattle Audubon Society and the University of Washington Press in the US, under the title *Birds of the Pacific Northwest*, and simultaneously in Canada by Heritage House Publishing, titled *Birds of British Columbia and the Pacific Northwest*.

Not only are photographs of mine included, but also those of other top bird photographers in the Pacific Northwest.

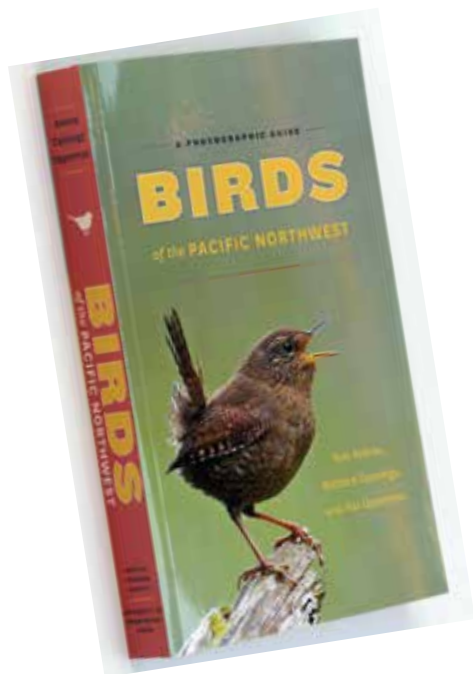
New information and research make it necessary to publish new bird books and update old ones. (Do not discard your old birding books, though—they may become valuable for their date of publication and artwork.) This new book is especially exciting because the range maps are very up-to-date and the descriptions are short and concise with abundant scientific information.

Since we all have a camera in our smartphones these days, it is becoming more fun to capture images of birds. So I want to encourage everyone to build a library of personal bird sightings through the use of the photographic guide book described here or other bird identification books available from bookstores and libraries. Good birding.

Peter J. Thiemann

peterjthiemann@yahoo.com

Photos courtesy of Peter J. Thiemann flickr photo stream.



New bird identification book published by the Seattle Audubon Society is available on its website at seattleaudubon.org.



This Clark's Grebe parent gives a ride to its young.

Ranger Rick's Wish List for Cantrall Buckley Park

- Power snake drain-clearing tool that Rick needs to clear water and sewage lines.
- Small bed pickup truck for general maintenance and cleanup.
- Small utility tractor for a wide variety of maintenance tasks.

If you would like to donate toward the purchase of any of these items, please send a check to GACDC, PO Box 335, Jacksonville, OR 97530. Indicate on the check what it is for. You will receive an IRS-proof letter receipt. You can donate used equipment as well.



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The licensing process for growing marijuana is extensive and expensive.

■ MARIJUANA

Continued from page 1

community of keeping marijuana money local instead of having it slip into the hands of illegal growers.

Although rumor has it that many of the owners behind the fences are not local, and although big companies like Futureland and Dicot Partners are buying land here, many marijuana growers are local farmers who joined the gold rush. Their farms have names like Loved Buds, Ankura, Moon Shine Gardens, Summit Cannabis.

Vincent and Kate Deschamps, of 54 Green Acres, didn't move to southern Oregon two and a half years ago to grow pot but to create an organic farm. They bought a "gorgeous property, with 1882 water rights," that had been an organic fruit and vegetable farm. "But," Vincent needlessly points out, "you don't make money with a small organic farm," so they turned to medical marijuana. Their twelve plants engendered 45 pounds of marijuana and \$50,000. Now licensed growers of recreational marijuana, they tend 150 plants. "Twelve is a hobby," Vincent says. "This is a business."

Other farmers, like Cedar Grey of Siskiyou Sungrown Farm, started years ago with medical marijuana before expanding into "adult use marijuana," a term he prefers to "recreational" because "recreational" excludes medicinal use—a disservice to the plant," he says. He describes his spread as "a beautiful field with 1,000 plants growing in rows, like a vineyard."

Cedar has modeled his agriculture on vineyards and makes many analogies

between the two crops. Like grapes, marijuana is susceptible to mold and mildew in the fall. The Applegate's long dry summers make it ideal for marijuana, as for grapes.

Like grapes, marijuana has a terroir. Cedar noted that wines from watersheds in Napa Valley with individual appellations didn't have the same cachet as those with an appellation from Napa, in spite of minor differences in terroir. Therefore, instead of developing marijuana appellations for each watershed—"from Humbug," "from the Applegate," "from Williams"—he prefers a "Rogue Valley" appellation.

Marijuana is like wine, too, in that there is a connoisseurship about its taste and hundreds of names for its varieties. Will Strawberry Cough, Big Buddha Cheese, Black Cherry Soda, Golden Goat, and Triple Diesel some day be as commonly known as gewürztraminer, zinfandel, merlot, and pinot noir?

"I love growing marijuana," Cedar says and talks with wide knowledge about the plant, infusing conversation with terms like "terpenes" (hydrocarbons found in the essential oils of plants) and the "entourage effect" (the effect of the combination of terpenes and cannabinoids in individual varieties), which, he says, "is the cutting edge of cannabis science." He makes distinctions between tetrahydrocannabinol (THC), which induces the high, and cannabidiol (CBD), the active (but not psychoactive) ingredient that gives the plant its medicinal value. Most of the plants that grow well in the Applegate, Cedar says, are CBD rich.



Siskiyou Sungrown Farm owned by Cedar Grey. Marijuana cultivation looks not so different from viticulture.

The licensing process for growing recreational marijuana is extensive and expensive. Vincent points out that having to build infrastructure, buy equipment, etc., means "you risk a lot of money before being approved." Mark Pettinger, marijuana spokesperson for the Oregon Liquor Control Commission (OLCC), explains that the process includes a criminal background check, a land-use compatibility statement signed by the county Planning Department, compliance with security requirements, and a training course in Cannabis Tracking System, a seed-to-product tracking to keep consumer products from falling into the illegal market. The crop must be obscured from public view or access, and other restrictions might be imposed by the county.

Despite this rigorous process, Vincent Deschamps says he "has great things to say about OLCC," calling



Vincent Deschamps, owner of 54 Green Acres, far from dwarfish himself, shows off one of the giants on his farm.

them "fair" and recognizing that they have a challenging job in making sure that nothing illegal is going on behind those fences.

Diana Coogle • dicoog@gmail.com

Butterfly project at Cantrall Buckley Park

BY JANIS MOHR-TIPTON

The proposal for grant funds for a monarch waystation and educational signage at Cantrall Buckley Park is in process. In the fall, a small area will be planted with native milkweed and flowering plants that provide nectar and pollen for a variety of pollinators.

Janis Mohr-Tipton is putting together a display of pollinators and

monarch butterflies to be shown through September at Ruch Library. Information will be available to the public on types of flowering native plants to use for pollinators and their flowering months. There will be some native milkweed specimens and other educational information. The library also has great resources for all ages on this subject.

create pollinator habitat. Linda Kappen, representing Southern Oregon Monarch Advocates, will talk about tagging and tracking the monarch's migratory routes.

Janis Mohr-Tipton
janismohrtipton48@frontier.com
Applegate Valley Garden Club
Friends of Ruch Library



Monarch butterfly photo by Linda Kappen

On Saturday, September 24, 2016, from 2 to 3:30 pm, the Friends of Ruch Library will hold a program featuring Tom Landis, a retired nursery specialist with the US Forest Service, who will speak about the extent and causes of the monarch butterfly's decline and give an overview of what folks can do to



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Silver-spotted Skippers

BY LINDA KAPPEN

The Silver-spotted Skipper (*Epargyreus clarus*) is North America's largest skipper. It belongs to the butterfly family HesperIIDae and a group of skippers called spread-winged skippers.

Skippers differ from other butterflies by having (1) a plump-looking thorax, (2) triangular-shaped wings, and (3) shorter, curved club-hooked antennae, while butterflies have straight, clubbed antennae. Most skippers are small and speed along, stopping and moving again quickly.

The Silver-spotted Skipper can be seen in flight from early April to late August with one brood in the Pacific Northwest and two broods in warmer parts of North America. It can have a wingspread of two inches or more. When its wings are open, golden-orange patches stand out against a soft darker-brown background. When it's in flight, a silver, irregular-shaped spot flashes by quickly, making it unmistakable from any other species. While perched on flowers or

the ground in its usual pose with wings folded (see photo), it allows the viewer a close-up look.

The male will perch on taller plants or trees to watch other insects near the host plants and to keep an eye out for females. The female will lay a ribbed green egg capped in red on the host plant. The larvae will grow and live in a leaf nest while feeding, then pupate or overwinter near the host plant. Host plants are wisteria, legumes, and particularly lotus. As adults, they nectar on lotus, dogbane, and other legumes.

The range of the Silver-spotted Skipper is throughout North America and southern portions of Canada. Locally, it can be common at times and is found in lower- to mid-range elevations in open clearings, riparian habitats, and roadside ditches where stands of lotus and dogbane grow.

This past winter brought much needed moisture. As a result, healthy patches of lotus are thriving as well as



Silver-spotted Skipper

dogbane, which is an important nectar plant to many butterflies. Often these are seen growing near the ditches on our county and mountain roads.

We have seen many Silver-spotted Skippers this past spring and summer. I haven't seen a population this large locally since 2012. I would like to encourage people to research the lotus species and spreading

dogbane to recognize them and keep them safe from spraying or removal. Hopefully, we will have an even better winter and see more Silver-spotted Skippers next spring.

Linda Kappen

humbugkapps@hotmail.com

Linda earned a naturalist certification from Siskiyou Field Institute and hosts butterfly courses there. Photo by Linda Kappen.

Bee on the lookout

BY SUZIE SAVOIE

The Klamath-Siskiyou ecoregion is home to many iconic species that grow or live nowhere else on earth: Siskiyou salamander, Port Orford cedar, Brewer's spruce, Gentner's fritillary, and the Kalmiopsis plant, to name a few. One species that should be included on this iconic list is Franklin's bumblebee (*Bombus franklinii*). Known only in a historic range from southern Oregon and northern California between the Coast and Sierra-Cascade ranges, Franklin's bumblebee had the most restricted range of any bumblebee in the world.

Once readily found throughout its range, the population of Franklin's bumblebee has dropped steadily since 1998 according to surveys conducted in the 1990s by preeminent bee researcher Dr. Robbin Thorp. It is now feared that this unique species has gone extinct! In the last sighting of Franklin's bumblebee, in August 2006 on Mount Ashland, only a single worker bee was found. Subsequent annual surveys have failed to locate the species, including large surveys conducted by Dr. Thorp on Mount Ashland this past July, where 30 people combed meadows looking for the bee.

Franklin's bumblebee used to be found at various elevations in moist meadow habitat containing an abundance of flowering plant species. The flight season of Franklin's bumblebee was from mid-May to the end of September. According to Dr. Thorp, Franklin's bumblebee was a generalist forager and had been observed collecting pollen



Franklin's bumblebee photo by James P. Strange, PhD, research entomologist, USDA Agricultural Research Service.

on lupines and California poppies and nectaring on horsemint (*Agastache urticifolia*) and coyote mint (*Monardella odoratissima*). As a social, ground-nesting species, Franklin's bumblebee would have used abandoned rodent burrows or clumps of bunchgrasses for nesting, making undisturbed grassland habitat important to its survival.

The "buzz pollination"—a technique used by some bees to release pollen—that bumblebees provide makes them excellent pollinators for crops such as tomatoes and peppers, which may have led to the extinction of Franklin's bumblebee. Dr. Thorp believes that commercially reared Franklin's bumblebees that were brought to the United States from Europe may have

introduced a virulent European disease that wiped out the species. Franklin's bumblebee would also have been sensitive to habitat alteration, pesticides, and competition from European honeybees for limited floral resources.

Although there are many historical records for this species from around the region—both published and in museums—two sightings in the Applegate stand out: Franklin's bumblebee was documented in the town of Copper (now covered by Applegate Lake) in 1968 and in Ruch in 1990. Those who have lived in the Applegate Valley for more than 20 years may have seen Franklin's bumblebee buzzing around without realizing it.

Many other native pollinators are also in decline, including the western bumblebee (*Bombus occidentalis*), which has seen similar declines as Franklin's in our area, but thankfully can still be found at very low numbers. There's still time to save the western bumblebee from the same fate as Franklin's bumblebee.

The decline and disappearance of Franklin's bumblebee is part of the drastic and widespread decline of native pollinators in North America. It is estimated that 15 percent of our annual food crops, valued at \$3 billion, rely on the pollination services of our native pollinators. Natural and intact ecosystems also rely on pollinators for the production of fruits, nuts, and berries that wildlife depend on for their survival. Continued pollinator declines are expected to contribute to a decrease in crop pollination and food production, as well as native plant reproduction.

"Bee" on the lookout for Franklin's bumblebee! If you see one, carefully net it and collect it into a viewing jar for positive identification. Take a photo, release it back to the spot you found it, and contact the Xerces Society for Invertebrate Conservation, the US Forest Service, or US Fish and Wildlife Service.

A lot of people in the Klamath-Siskiyou ecoregion are rooting for Franklin's bumblebee and hoping it will once again be found and put in its rightful place alongside the iconic and endemic species that make our region special and unique.

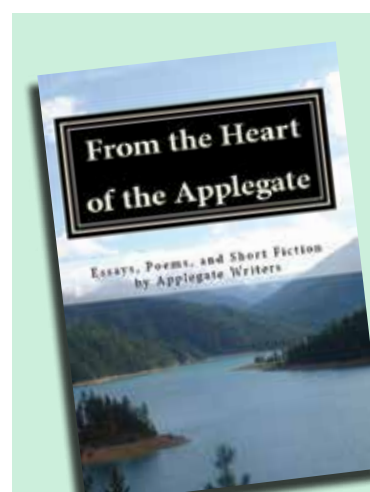
For more information about Franklin's bumblebee, visit the Xerces Society website at xerces.org/franklins-bumble-bee.

Suzie Savoie

klamathsiskiyou@gmail.com

Handcrafted 'Applecrates' for sale

Beautiful planters called "Applecrates," built with donated local wood and volunteer labor, are for sale. All proceeds help sustain the *Applegater*. See these useful and long-lasting Applecrates at Applegate Valley Realty, 935 N. Fifth Street, Jacksonville. The price of a stock planter box (see photo), 12" wide x 22" long x 14" deep, starts at \$40. For more information, call Chris Bratt at 541-846-6988.



From the Heart of the Applegate

Anthology of original essays, poems, and short stories contributed by Applegate Valley writers in support of the *Applegater*.

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Who's your farmer?

New creamery and charcuterie at Wooldridge Creek Winery

BY ELISE HIGLEY

If you haven't been to Wooldridge Creek Winery recently, you're in for a pleasant surprise. Many of us have come to know Wooldridge Creek for its great wines and hospitality. What you might not know is it has a creamery and charcuterie now open on-site!

In an effort to provide quality food for its customers, Kara Olmo, one of the owners of Wooldridge Creek, came up with the idea of opening a creamery. Her inspiration began at a cheese-making course led by Gianacis Caldwell of Pholia Farm Creamery and Dairy in Rogue River, Oregon. Crushpad Creamery was born!

Crushpad Creamery provides cheese from both cow milk and goat milk from local organic dairies. (You can even visit some of the retired milking goats now living at the winery.) Crushpad's cheeses range from soft and creamy to hard cheeses aged for over 12 months.

"All the cheeses created will aim at pairing well with wine. We've already started one cheese that is dunked in red wine and another washed with our dessert wine," Kara says. Because the creamery is working on an ultra-small production scale, cheeses are available only at the winery at this time.

In addition to the creamery, there is also a new charcuterie (a French word for a store selling cold, cooked meats). The winery is taking things to the next level by providing homemade sausages, salamis, and other cured meats on-site. Their "Chef's Board," with cured, local meats, fermented vegetables, fruits, and crackers, will not disappoint.

Come by and visit Wooldridge Creek Winery and its new creamery and charcuterie. Support its efforts in working together with other local farmers to offer a seasonal menu reflective of the offerings in the Applegate Valley.

Elise Higley
541-200-9972
Our Family Farms
elise@ourfamilyfarms.org



Wooldridge Creek Winery is located at 818 Slagle Creek Road, Grants Pass, Oregon. 541-846-6364; wwinery.com.

Maud is passionate about helping low-income people enjoy nutrient-rich foods.

■ **SISKIYOU**

Continued from page 1

that would help provide for the needs of the farmers, such as a credit union, a commercial kitchen, a seed-cleaning facility, and affordable health insurance. They initially developed three marketing venues: a CSA program, a farm stand on Highway 238 in Applegate, and a cooperatively run booth at the Rogue Valley Growers' Market. After a year, they found the CSA to be the most financially successful of their ventures, so it became the exclusive focus.

Since its inception fourteen years ago, Siskiyou Sustainable Cooperative has grown to include 10 farms and ranches and 275 consumer-shareholders. The cooperative's mission is to provide organically grown fruits, vegetables, and specialty items to folks all over the Rogue Valley, while elevating the

economic viability of their sustainable agricultural production.

Siskiyou Sustainable Co-op farms include Barking Moon Farm, Dancing Bear Farm, L and R Family Farm, Mama Terra Micro Creamery, Rise Up! Artisan Bread, Seven Seeds Farm, Sun Spirit Farm, Wandering Fields, White Oak Farm, and Wolf Gulch Farm.

Although Siskiyou Sustainable Cooperative started in a very grassroots manner, they are anything but low tech. Thanks to the imagination of CSA coordinator Maud Powell, the Siskiyou Sustainable Cooperative has a new app to keep farmers and consumers connected.

Through funds received from SARE (Sustainable Agriculture Research and Education), the CSA app was developed by a team of techies, who used feedback from CSA members to determine what features would be used in the app. The app puts members' information right at their fingertips, providing a more "customer centric" experience. Maud was inspired to keep CSAs relevant and accessible to younger generations with a more high-tech approach. The user-friendly app can be easily accessed through the website at siskiyoucoop.com.

And what an impressive app it is, with features that allow members to see what's currently being harvested and what's in their weekly box, as well as links to Farmigo (an online farmers' market) to place vacation holds



Siskiyou Sustainable Cooperative farmers include, from left to right (front row), Steve Florin, intern, Ryan Dolan, Taylor Starr, and Don Tipping; (back row) four interns, Tom Powell, Maud Powell, Tom Redding, Ben Yohai, and Josh Cohen. Photo by Gayle Murphy.

on their produce boxes. There are also recipes and cooking videos demonstrating how to prepare items in a box. Did you know you can make a healthy chocolate cake with beets? I do now, after visiting the Siskiyou Sustainable Cooperative app. Talk about getting kids to eat their veggies! For people on the go, it even shows you how to incorporate vegetables into a breakfast smoothie to ensure you are getting all the vegetables you need.

Maud is passionate about the importance of helping low-income people enjoy the bounty of the nutrient-rich foods that Siskiyou Sustainable Cooperative supplies. She feels that vulnerable populations—the elderly, young children, and pregnant or nursing mothers—are perhaps most in need of these nutritious foods.

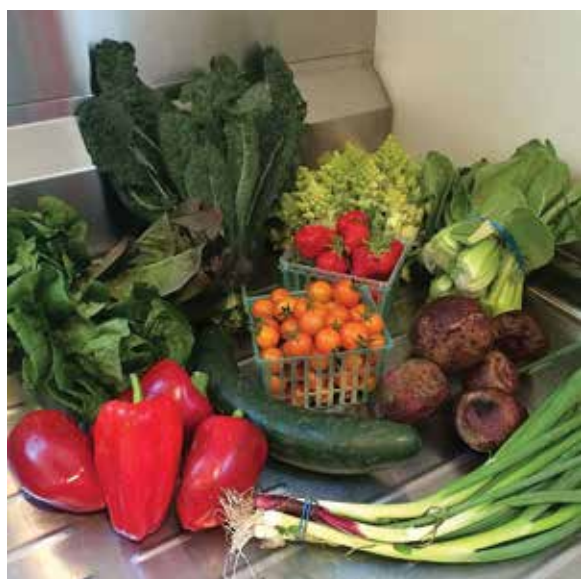
In 2009, Siskiyou Sustainable Cooperative was the first CSA to accept

food stamps (Oregon Trail Cards). The cooperative also has a program that includes 30 Medicaid patients as members. In partnership with Jackson Care Connect, these members are subsidized due to such health issues as diabetes, obesity, and high blood pressure. Members are also provided with cooking classes. What an inspiring opportunity for people to get healthier through education and nutrition!

From a mini share, meant especially for one person, to the large share for larger families, Siskiyou Sustainable Cooperative has something for everyone. The organization looks forward to growing its patronage right here in the Applegate. For more information, visit its website at siskiyoucoop.com.

Shelley Manning
manningshelley@icloud.com

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— Applegate Library —

Whew! It's hard to believe that summer has come and is on its way out! That means school will be starting soon, so be on the lookout for kiddos waiting along the road for the bus or carpool ride. Be patient when you get behind a school bus, and by all means *slow down* in the school zones.

Summer Reading was a great hit this year. Twenty-two children, six teens, and a handful of adults participated. Our "Red, White, Blue I Spy" display gathered the young and young-at-heart looking to find not-so-hidden treasures. Thanks to all who contributed, and congratulations to all the winners. Remember to stay active!

Come enjoy a movie at the library. Bring the children every Saturday at noon to watch a fun family film or Wednesdays at noon for a classic film. September films are all comedy, and in October...you guessed it: thriller chillers!

And, our *new* copier can do it all—color, black and white, is thumb-drive compatible, has a scanner—and we can even send faxes.

Upcoming events

- "Movie at Noon" every Wednesday (classics) and Saturday (kid-friendly).
- Storytime every Saturday at 10:30 am, followed by a fun craft.

- "Talk Story" with David Kennedy every second Saturday of the month at 7 pm. Join David as he continues a respected tradition in many cultures where the personal sharing of important stories preserves them for future generations. Sit with other members of your community and share stories from your life. You may come and listen or let your voice be heard. Bring the kids, the grandparents, and anyone in between.

- On Friday, September 30, at 5 pm, folk musician Tim Holt will be performing and discussing the songs of Tom Paxton, U. Utah Phillips, Woody Guthrie, and a number of other folk singers in a program that will include railroad songs, hobo songs, songs of the western migration, and Dust Bowl ballads.

Tim will encourage everyone to sing along to classics like "500 Miles," "The Wabash Cannonball," and Woody Guthrie's "So Long, It's Been Good To Know Yuh." Learn more about the history of this restless nation as expressed in its music and poetry.

All of these programs are sponsored by Friends of Applegate Library (FOAL) and are *free* to the public.

For more information, contact branch manager Lisa Martin at 541-846-7346 or lmartin@jcls.org.

— Williams Branch Library —

A fall full of fun!

Programs and events

- Storytime: Wednesdays at 3:30 pm followed by a craft project.
- Infant and Toddler Storytime. Beginning in September, the youngest library patrons and their caregivers are invited for this interactive playful introduction to books and other little ones in the community.
- Halloween Party: Saturday, October 29, 5 to 7 pm.

Eighth annual Readapalooza: Free bookish fun for everyone

Come celebrate reading, books, and community on October 22 and 23, during "Readapalooza," hosted by Josephine Community Libraries in Grants Pass. The weekend is filled with activities for all ages, including a Storytime Celebration and the Plot Planning Party for National Novel Writing Month (November) on Saturday, October 22, and the Community Read-Aloud for children, teens, and adults on Sunday, October 23. For more information, visit josephinelibrary.org.

Overdue fees? No problem!

Come back to the library and start the school year with a clean slate. Make a donation to a local nonprofit right here in Williams in lieu of cash for overdue

fees. Fees can accumulate quickly, especially with stacks of children's books. Stop in during Back to School Fine Amnesty from September 6 to 17. Each donated item forgives \$5 in fines. Josephine Community Libraries will credit accounts with previously incurred fines regardless of how long overdue the items are. Replacement costs for lost or damaged items or lost library cards will not be resolved by donations.

Volunteers always needed and appreciated

The Williams Branch Library is currently in need of volunteers to work the front desk, help with the children's Summer Reading Program, and support events with the Williams Friends of the Library. Everyone is welcome. Opportunities include helping with children's programs, special one-time events, and tasks to keep our branch vibrant and strong.

To join Williams Friends of the Library, volunteer, or share your skills with local children, please stop by the Williams branch. The Williams library is open on Tuesdays, Wednesdays, and Saturdays from 1 to 5 pm. For more information, contact Brandace Rojo, library assistant, Josephine Community Libraries, at 541-476-0571 ext.112.

— Ruch Library —

The Summer Reading Program at Ruch Library was a roaring success with over 100 children and a dozen adults taking part. Way to go, Ruch readers!!!

Ruch Country Store sells paperbacks and shares the profits with the Friends of Ruch Library (FORL). People who donate paperbacks to the store before September 15 will have their name entered into a drawing for a \$25 gift certificate to the Ruch Country Store.

FORL, in partnership with Ruch School, would like to establish "Little Libraries" in neighborhoods around Ruch. The Little Libraries are larger than mailboxes and hold a variety of donated books that can be borrowed on the honor

system. We need (1) a location that is visible and within reach for residents and (2) a local resident to be the steward of the Little Library, making sure it stays well stocked (FORL will supply the gently used books). If you are interested, please call Peggy at 541-899-1699 or come into the library.

Mark your calendars

Meetings, presentations, and two book sales are coming up.

- FORL's next meeting will be held on Thursday, September 8, at 6:30 pm in the library's Community Room. Community outreach and partnerships will be discussed, so be sure to attend and have your voice heard!

- Tom Landis will present "Monarchs and Milkweed," on Saturday, September 24, from 2 to 3:30 pm. Retired from the forest service after 30 years as a nursery specialist, Tom will tell us about creating pollinator habitat for monarchs and how to grow native milkweed species—something we can do to make a difference. You won't want to miss this!

- Two book sales are coming up! Our fall sale on Friday, September 30, and Saturday, October 1, will be held from 10 am to 5 pm in the library, A-frame Bookstore, and all points in between.

Our holiday sale will be held on Tuesday, December 6, Thursday, December 8, and Saturday, December 10, in the library's Community Room and A-frame Bookstore. Be sure to stop

by for some incredible bargains and holiday gifts!

- "Memory Difficulties: Should I Be Worried?" is the title of a presentation by Sharon Johnson, MS, CAPS, and associate professor emeritus at Oregon State University. The informative program will be held on Saturday, October 22, from 2 to 4 pm.

- Dave Baker will be back in early December for another look at the Arctic. Stay tuned!

- Join us Tuesday mornings for Babies and Wobbler's Storytime at 10:15 am and Preschool Storytime at 11:30 am. It's a great time for the little folks!

For more information, contact branch manager Thalia Truesdell at 541-899-7438 or ttruesdell@jcls.org.

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NONPROFIT NEWS AND UPDATES

— Applegate Food Pantry —

The Applegate Food Pantry will be closed for Labor Day on September 5. Otherwise, the pantry is open on Mondays from 9:30 am to 11 am.

The pantry is closed on the last Monday of every month and also on any Monday that Ruch Community School

is in session. There are no sign-ins after 11 am, with no exceptions.

The pantry is located behind the Ruch School cafeteria at 156 Upper Applegate Road in Ruch. For more information, contact manager Charlotte Knott at 541-899-8381.

— SMART —

Community volunteers are needed for SMART (Start Making A Reader Today), which envisions an Oregon where every child can read and is empowered to succeed.

Volunteers at Ruch School read one-on-one with different children from preschool to third grade for 25 minutes each (almost two hours total), one day each week during the school year.

SMART gives each child 14 new take-home books. That's two per month

during the course of the program. From volunteers, kids learn that reading is fun and school is an adventure.

Join SMART and help children become confident readers!

For more information about volunteering at Ruch School, contact the Ruch volunteer coordinators Pat Gehres at 541-846-6013 or Janis Mohr-Tipton at 541-846-7501. You can also contact the Rogue Valley SMART office at 541-734-5628.

— Pacifica —

This summer Pacifica offered eight different summer camps ranging from nature and art to yoga and sewing—all of them fun!

Pollinator teaching garden.

This 8,000-square-foot garden will include a circle of several hundred perennials surrounded by shrubs and trees, all of them either larval or nectar foods for a variety of our beleaguered pollinators. There will be informational signs along with activities. The garden is expected to be open by next spring, but knowing the ways of the world, we may need to add a year to that!

The Fourth Annual Sculpture Show and Contest

at the end of June was beautiful and a success. Congratulations to the winners! Ceramics: Jose Curtis, Roxanne Hunnicutt, and Jane Anderson. Mixed Media: Cindy Kahoun, Janet Higgins, and Andras Maras. Metal: Robert Rubio. People's Choice: Amanda Higgins, Jose Curtis, and Cris Usher.

The Children's Activity Garden

has begun and will eventually include around a dozen fun and educational hands-on activity stations, including a "music island" with large chimes, a xylophone, and a drum. We hope to have a mini-habitats play area, a Native American area, a nature-science station (currently with several activities about birds and tracking), and others ready by spring 2017.

Winter Fest (December 3, 10 am to 4 pm). Don't forget to sign up for the Winter Fest to showcase either art or music. It's always a special day.

Volunteers are needed to paint (picnic tables and a small barn), plant (fragrant garden and others), and work on the Children's Activity Garden. Call 541-660-4295 if you might have time. *We need you.*

If you need information about Pacifica events, please call 541-660-4295. And please remember that, when



Enjoying the fun at Pacifica's Fun Camp are (from left to right) Leah Markman (teacher), Kaya Breeze-Newman, Patty Goodin (teacher), Salila Oldham, Cooper Gagnon, Logan Glass, Dylan Gagnon, Addison Pearce, and Vanessa Martinez (teacher).



Photo, above: Sculpture by winning artist Jose Curtis.

Photo, right: Sculpture by People's Choice winner Amanda Higgins.

Photos by Hawk Starkey.



Fundraiser for Friends of Jacksonville's Historic Cemetery

The Madrone Theatre Company and the Friends of Jacksonville's Historic Cemetery will be presenting nine performances of a unique adaptation by Ron Danko of Edgar Lee Masters' cemetery-inspired *Spoon River Anthology*. Fifty selected monologues will be presented along with original music composed by David Gordon.

Performances will be held on Friday and Saturday evenings on October 7, 8, 14, 15, 21, and 22, at 7:30 pm, and Sunday afternoons on October 9, 16, and 23, at 2 pm at the Rogue Community College Performance Hall, 130 East 8th Street, Medford, Oregon. Ticket prices are \$20 for adults and \$12 for students. A group rate is also available. Additional information about the production and how to purchase tickets are available at friendsvillecemetery.org/spoon-river-anthology---fund-raiser.html. Photo by David Gibb Photography.




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FUEL FOR THE HUMAN RACE

GRAPE TALK

There is also a human element in the terroir

■ TERROIR

Continued from page 1

may taste some of the nearby crops as notes in the wine.

There is also a human element in the terroir. Decisions made by the grape grower and the wine maker—from pruning to selecting the time of harvest—play a part and create the unique aspects of a region’s or even a vineyard’s terroir.

One of the exciting new components of terroir comes from a study in Napa Valley in 2011. University of California-Davis researchers examined bacteria and fungi on samples of grapes from 40

different northern California vineyards, then analyzed the wine before and after fermentation. They found that microbes influence a wine’s terroir and thus “can help predict the flavor profile of a finished wine” (www.npr.org). This study has shown that the terroir of certain vineyards has a biogeographic fingerprint component unique to where it is from and even what year the wine was made.

To find out more about the terroir of the Applegate Valley, I contacted grape growers in the Kubli Bench and Little Applegate Valley.

Kubli Bench

Greg and Debbie Schultz own Schultz Wines and Glory Oaks Vineyard and Farm midway up the Slagle Creek watershed on Slagle Creek Road. At an elevation of 1,515 feet, the creek-side vineyard grows tempranillo and malbec with more varietals to come. The

vineyard has a north-northeast to south-southwest orientation and captures both the early morning sun as it rises over Old Blue Mountain to the immediate east and the late afternoon sun before it sets behind Roundtop Mountain in the west. The soil in the vineyard is gravelly silt loam, slightly acidic, deep, well drained, and mixed with a granite and alluvial fan debris. The mountains surrounding the property on three sides act as a wind tunnel, helping the hot dry air blowing west to east keep the vines dry and minimize mold and mildew. At night the wind direction reverses, which helps cool the vineyard. Typical temperatures during growing season are morning lows of 50 to 55 degrees and afternoon highs of 90 to 95 degrees.

Little Applegate Valley

Cricket Hill Winery owners Duane and Kathy Bowman said that their vineyard, at 1,630 feet elevation, runs north-south with a two to seven percent south-southwest slope. The soil is well drained, gravelly silt loam with about 20 percent clay and quite a bit of weathered gravel and cobbles. It contains some iron and is moderately fertile.

The Bowmans chose their vineyard site because it is uniquely similar to the finest soils of the Pomerol appellation in the Bordeaux region of France. The varieties planted are merlot and cabernet franc, which are used to make Cricket Hill’s classic Right Bank Bordeaux. The

Bowmans have been making wine at Cricket Hill since 1991—they are one of the pioneers of the Applegate Valley AVA.



Debbie Tollefson

After examining some of the factors of terroir in our valley and looking at a world map, I can see why everyone is flocking our way to grow grapes. The terroir in the Applegate Valley, very similar to that in southern France, can produce a large number of grape varieties that help wine makers create many outstanding varietals of wine.

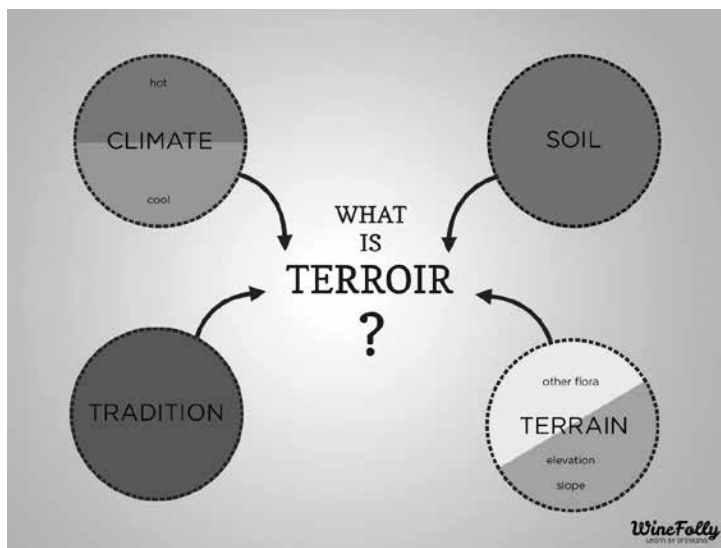
Debbie Tollefson

debbie.avrealty@gmail.com

Wine Enthusiast nod

Applegate Valley’s outstanding wine makers include Bill Steele of Cowhorn Vineyard and Winery, who received recognition in the August 2016 issue of *Wine Enthusiast* for his 2013 21 Grenache and 2014 Reserve Estate Grown Viognier.

Congratulations to Bill and Barbara Steele and all our Applegate Valley wine makers who do such an amazing job.



Enchanted Forest Wine Run to support Applegate School music program

Fairies, elves, and pixies will be pleased to learn that the Enchanted Forest Wine Run will be held on Saturday, September 24, at Wooldridge Creek Winery, 818 Slagle Creek Road (outside Grants Pass). Proceeds will support the Applegate School Strings Music Program.

The event features runs of 24K, 12K, and 5K, as well as a Kids’ Run. Start time is 10 am for the 24K and 12K runs, 10:30 am for the 5K, and 12:30 pm for the Kids’ Run. Courses will guide participants in and around the scenic Wooldridge Creek vineyards and through surrounding forestlands.

The top three female and male finishers of each race will receive awards. Each finisher will get a wine glass and a coupon to fill their glass with wine or beer.

Food, beverages, and live music will be featured, and, with luck, those present might glimpse an enchanted forest creature.

Sponsors are Wooldridge Creek Winery, Friends of Applegate School, Applegate Valley Artisan Bread, and Dutch Bros. For more information: thewinerun.com, race organizer Joseph Chick at josephchick@gmail.com, or call Wooldridge at 541-846-6364.



Tips from the Well Pump & Water Filtration Guru!

with Tami Quinn Hollenbeck

Trying to get the best “Bang for your Buck”? Keep in mind when getting an estimate for work to be done on your property that money should not be the only factor to consider.

Make sure you can trust the company you are working with. How long have they been in business? Protect your property by ask for references, check their licensing, bonding, and insurance.

Before looking for water filtration equipment, have your water tested. Make sure the person giving you the estimate has been out to physically look at your system before giving you a price. Has the company representative taken the time to thoroughly explain the work to be completed or are they just trying to sell you something? What brand/quality of equipment is being recommended? Does the contractor warranty any of their workmanship?

Paying a little bit more money is worth the peace of mind to know you are working with a trustworthy company.

Water is a geological cocktail, so DRINK MORE WATER!



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Applegate Partnership and Watershed Council needs you!

BY BARBARA SUMMERHAWK

As many Applegaters know, the Applegate Partnership and Watershed Council (APWC) has been striving to maintain healthy and diverse ecosystems in the Applegate Valley for over a quarter of a century. Through collaboration with land management agencies, the timber industry, conservation groups, and local stakeholders, the organization carries out riparian restoration, fuels reduction, and educational lectures. With funding from the Oregon Water Enhancement Board (OWEB), Title II grants (for work that benefits private and federal lands), private foundations, and private donations, recent projects have included riparian restoration along Thompson Creek, blackberry removal along the Applegate River at the Provolt Seed Orchard, in-stream habitat restoration using large wood on Powell Creek, development of four fish passage barrier projects, a lecture series, and an annual film festival at Red Lily Vineyards.

Current staff and members of the Board of Directors are people with diverse backgrounds and experience, including Don Bellville and Mel Wann, retired US Forest Service fire experts; Alan Journet, a specialist in climate change as it affects our communities; field biologists Jakob Shockey and Janelle Dunlevy; and organic farmer and author Kirsten Shockey. Once again, however, the APWC is trolling for new talent

for its board, specifically for interested community folks who have a business and/or educational background to help guide the organization as it heads down new paths.

Like many other nonprofits, APWC realizes the need to diversify its funding sources and is beginning to offer services to the community and other organizations such as biological assessments for individual landowners, contracted blackberry removal with APWC's excavator, and management of riparian restoration crews. APWC needs help to manage these services and link with potential local business sponsors.

APWC would also like to expand and continue the original Cultivating Healthy Watersheds Education Program that once targeted K-12 students in the Applegate River Watershed. Students would learn about watershed-friendly farms, farming practices, and forest management and would participate in restoration projects, monitoring results instream and in riparian and woodland areas. The project manager would work with local schools and coordinate with interested teachers.

Another APWC project on the radar is cosponsoring a “See Our Salmon” event in the Applegate to celebrate the life cycle of salmon as they return to spawning gravels on the Rogue River. The free event would



be family-oriented, balancing fun and educational activities for both children and adults. Still another planned project is to reach out to the new farmers in the valley, including organic farmers, marijuana growers, livestock owners, and vintners, with information and advice on sustainable land-management practices.

All of these programs could benefit from efforts by interested volunteers who would work on activities in their realm of interest and ability. If you would like to support and join in the APWC's mission “to promote ecosystem health across the Applegate watershed through stewardship, education, and restoration carried out in partnership with landowners, agencies, and other interested parties while contributing to local economic and community well-being,” check out our website at applegatepartnership.org, and contact coordinator, Janelle Dunlevy, at 541-899-9982 or coordinator@apwc.info. The watershed needs you!

Barbara Summerhawk
APWC Board Member
barbara@apwc.info

Voices of the Applegate: A new beginning

Blake Weller, director of Voices of the Applegate for the past five years, has moved to Massachusetts with his family. But all is not lost! We have found a new director, Harmony Sue Haynie, who is also the director of the Williams World Music Choir. She has an impressive background in music, both in directing and performing. She has recently been part of the Rogue World Ensemble and has directed many different choirs in Taos, New Mexico; Rogue River Middle School; and in Williams since 1996.

Harmony admits that she is not a conventional choir director. She prefers teaching many songs by rote,

especially songs in African and Eastern European languages. She also loves the folk process that is represented in gospel and Appalachian music.

The choir's first rehearsal will be held on Wednesday, September 7, in the meeting room at Ruch Library, 7919 Highway 238. Rehearsals will continue every Wednesday at 7 pm until November 16. Concerts will be held on Friday, November 18, at 7 pm at the Old Presbyterian Church, 405 California Street, Jacksonville, and Sunday, November 20, at 3 pm at Applegate River Lodge, 15100 Highway 238.

Members of Voices of the Applegate are looking forward to a new beginning



Harmony Sue Haynie is the new director of Voices of the Applegate.

with our new director. We're hoping that more people from our community of great singers—in Applegate and Williams—will join the choir for the joy of singing. For more information, call Joan Peterson at 541-846-6988.



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OPINIONS

The season for directives?

BY SANDY SHAFFER

It seems like every week some piece of mail arrives stating that it's time for one of us to do something: conference registration, dental appointments, or a license renewal. Emails announcing a class that we shouldn't miss, or "no mowing after 10 am!" Even our dog, Maggie, got postcards and an email reminding her she's due for a physical and vaccinations. Good thing she can't read!

And recently our Applegate Fire District staff was directed to begin addressing "the big one"—a massive earthquake in our area. How bad would

it hit us? Would the Applegate dam fail? How far would the flooding extend? Could we travel local roads; would our fire stations be functional?

On another note: I just finished reading a Letter of Intent written April 5, 2016, by Thomas L. Tidwell, chief of the US Forest Service (USFS), which outlined a different way of assessing where, when, and how they will respond to wildfires this year. The "Life First" initiative's goal is that "everyone goes home safely every day." Can't argue with that!

Maggie, the author's Akita, is good at taking directives, even when she's due for a checkup at the vet's office.



With climate change and more people living in forested areas, fire seasons are growing longer, hotter, and drier. The chief noted that the USFS will continue to increase hazardous fuels and forest restoration work in order "to reduce the wildland fire threat to communities and to our fire responders."

However, Chief Tidwell wrote that "intense fire behavior may mean we can't protect values at risk under all circumstances." His direction to his people: "Implement strategies and tactics that commit responders only to operations where and when they can be successful, and under conditions where important values actually at risk are protected with the least exposure necessary while maintaining relationships with the people we serve."

While this letter was addressed to all USFS personnel, I think it also takes aim at all wildland fire partners, rural communities, and residents—especially those with homes (values at risk) abutting USFS lands. Talk about a directive!

Even though local fire districts are usually the first on the scene

of a wildfire, the Oregon Department of Forestry (ODF) is actually responsible for wildfire protection on both private and Bureau of Land Management lands out here. I asked Dave Larson, ODF's southwest Oregon district forester, whether they follow the USFS views on the "Life First" directive. He told me that the ODF agrees completely with everyone going home safely, and so they strive to "achieve 'Safe and Aggressive' firefighting operations and minimal acres burned." They do this by coordinating with agency partners and private landowners. Makes sense.

So, my "on-the-ground" interpretation of these "chief" messages is that if a community or neighborhood *hasn't* been working together to reduce hazardous fuels, then during a wildfire firefighters might go to

an area that *has* been making efforts to help protect their homes.

Given this assumption, where do we in the Applegate stand? Where does *your* neighborhood, *your* home stand? Will responders come and help you out? Depends...

Top priority should be access: how does your driveway appear to approaching fire vehicles? Is it wide, vegetation cleared back, with a good surface (and bridge)? If it doesn't look safe for fire crews to travel your driveway, they'll go to the next one! *Yes, really!*

Second top priority is to work to have a defensible space around your home. Yes, that's where the term comes from: will crews be safe defending your house from a wildfire? Fire-resistant building materials, fuel breaks, thinned vegetation, water resources, fine fuels removed from around the structure, safe egress and access? *All of this* helps make a huge difference in whether your home is defensible, whether someone drives up to your house to help, and whether it can survive a wildfire.

And don't forget: over 90 percent of homes that burn do so because of flying embers landing on dry fuels on or near the house. So, keep vigilant with those dead pine needles and madrone leaves that drop during our summer months! *Please*, don't end up helping to increase this statistic.

As for Maggie's directives, I'm glad to say that she was very well-behaved when we took her to get weighed and vaccinated at the vet's office. Whew!

Sandy Shaffer • sassyoneor@gmail.com

Science and truth—Part Two: Tools for a skeptic

BY TOM ATZET, PHD

In the last issue, I identified a few widely recognized requisites of science. I also emphasized how even poorly done peer-reviewed science can end up in reputable journals. So, to establish the validity of what you read, it would help to use the following tools to help guide your skepticism.

1. Definition

How do you define hot? There are established measures. Relevant questions can normally be answered without much controversy—regardless of your personal comfort zone—since the question of ambient temperature does not depend on personal bias. Objective, nonjudgmental scales are widely accepted.

Defining beauty, however, is often problematic. Criteria are justifiably judgmental. Disagreements are common and difficult to resolve. Science fundamentally avoids judgment and opinion, focusing on reproducible results, based on precisely defined and measurable objectives.

2. Measurement

Lord Kelvin, the eminent 19th-century Scottish mathematical physicist and engineer, wrote, "When you can measure what you are speaking about and express it in numbers, you know something about it; but when you cannot measure it, when you cannot express it in

numbers, your knowledge is of a meager and unsatisfactory kind." Numbers are very important!

Various body parts were originally used to measure length, but consistency and precision suffered. Thus the forearm, hand and finger, among others, were replaced by rulers and metal tapes, particularly when commerce and taxation required reliability.

In forestry, trees are often described by diameter and height. Their measurement is typically a comparative process using a tool or standard protocol. A diameter tape is potentially more accurate than an Applegate hug even when using calibrated arms. Both measurement error and inappropriate protocol can potentially invalidate results and ensuing conclusions.

3. Population

The term population brings to mind the sum total of all individuals. But science is more often interested in examining a subgroup with more specificity, like a particular species of redwood or a neighborhood in Ruch. Knowing what group was sampled helps the reader assess the validity of inferences and conclusions. For example, sampling a pro basketball team does not necessarily represent the average height of most other humans.

And consider the number of samples. Confidence in conclusions increases as the number of samples increases, to a point. Statistically *one* observation of an event or condition is technically called a case study and carries little weight. But *repeated* samples or observations that deliver consistent results may signal a strong relationship that can be used to predict conditions or behavior. After all, analysis is used to support valid inferences about well-defined populations.

4. Dispersion

Uniformity of body types of Radio City Rockettes is greater than that found in Williams School fifth graders. The difference illustrates dispersion. The Rockettes exhibit consistency in pattern and characteristics; fifth graders illustrate a more dispersed population. Similarly, a mechanically planted cornfield in Provolt is more uniform (requiring fewer samples) than a weed patch in Murphy.

Understanding dispersion of any study, usually expressed in standard deviations, is important. The reader needs to be given full disclosure to appreciate the strength and utility of inferences or conclusions.

5. Disclosure

Purveying science is like selling a home—full disclosure is ethically essential. With science, the reader must fully understand the flaws and merits of the investigation to appropriately apply inferences and avoid misapplication. It's the responsibility of the scientist to fully disclose every step and potential error.

Typically, results are conveyed in the popular media by secondary authors who have less understanding than the original investigators. Additionally, they may lack the qualifications or background needed to fully relate key information. Often only the abstract, summary, or conclusions are published. Disclosure of methodology and analytical protocols may be omitted. Thus, validity of conclusions may not be assessable.

About a quarter of scientific research is deliberately *biased* or slanted to support a position—or just poorly executed.

Once you have found a consistently reliable organization or researcher, it is a good idea to refer to their work or consult them if you have doubts or questions. Many of us use this strategy when dealing with auto repair. Once you find an honest, competent mechanic, you stick with him or her. This strategy works both ways. The research community will drop groups that have agendas to serve or lack the competence or background to deliver valid products.

These five tools can help support your search for the truth—"it is out there." And remember, "Nothing is totally useless. It can always be used as a bad example" (source unknown).

Tom Atzet, PhD

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Dr. Atzet spent 30 years with the US Forest Service as an area ecologist in southern Oregon. He has authored and reviewed numerous articles for peer-reviewed publications and currently serves on the board of the Siskiyou Field Institute.

OPINIONS

River Right: Getting through the froth

BY TOM CARSTENS

Several years ago, after receiving a degree in environmental studies from Southern Oregon University (SOU), I was asked to be a math tutor. Since my math exam strategy was always “Check answer ‘C,’” I told SOU it probably wouldn’t be a good fit. I did, however, offer to help students with their writing. At the appointed time, I showed up to “interview” with a professor in the English department. Here’s how that chat went:

SOU professor: “Do you believe in global warming?”

Me: “I didn’t know there was a religious test.”

And that was pretty much it.

I didn’t stick around to find out what climatology had to do with composition, but I do know that the science is pretty complex. I gained an appreciation for this when I took a climatology course from Dr. Greg Jones, well-known to our Applegate vintners. He’s a great teacher who encourages his students to explore on their own.

For one of my projects, I decided to look into local climate history. As it happens, Grants Pass has a meteorological station that has been compiling data since 1888. Using some high-powered software, I was able to ascertain that there had hardly been any change in our temperature

patterns in the past century or so. As you can see in figure 1, the average monthly minimums rose a statistically minuscule amount over the period, but the average monthly mean and maximum temperatures remained constant. Figure 2 shows the year-round pattern. (Feel free to give me a call if you’d like to see the full report.)

Now, admittedly, this is a pretty short period when considering the life of our four and a half billion-year-old planet, but it’s all I had to work with. To help fill in *that* picture, I would have had to do some serious geological stratification analysis—and I don’t even know what that is.

Also at SOU, I was fortunate to have been able to take an ecology course from Dr. Tom Atzet (whose opinion piece appears on page 19). From him I learned how important skepticism is to the advance of science. Forgive me if I’m just a bit skeptical of those who cherry-pick morsels from the Internet that tend

to support political agendas. I admit that it’s a tough job for us laymen to sort out.

When I’m reading about science, I prefer to stick with scientists who are trained in the subject matter and who actually do field research and with reputable journalists who actually look into the research behind the claims. At a minimum, (1) they’ll discuss the population studied and the methods used, (2) they won’t confuse correlation with causation, and (3) they won’t draw sweeping conclusions that outstrip the focus of the research. Even then, there are no guarantees. Check out this July 14, 2016, vox.com article, “The 7 biggest problems facing science, according to 270 scientists.”

Trying to decipher all the claims about climate change is a lot like kayakers studying a Class IV rapid before charging through it. Most of us are skeptical about what the “old hand” has to say—we want to see the rapids for ourselves. He might not have run



Tom Carstens

the rapids recently—water levels and flows vary—and his skill level must be considered. Usually there’s a path through the mayhem of boulders and turbulence. We look for “the green”—that’s where the water flow is most defined. The white frothy stuff doesn’t give much purchase for paddling and, really, who knows what’s going on under there? It reminds me of “science” from someone who is really spouting politics. It can get pretty frothy.

It appears that global temperatures may be rising for a whole host of reasons, many of which scientists understand and some they don’t. The last time the earth experienced a comparable rise in temperatures was around 56 million years ago. A geological study by Richard Zeebe et al., published in the March 2016 issue of *Nature Geoscience*, calculates that carbon release into the atmosphere was

about 10 times *slower* than today, but temperatures still rose around nine degrees Fahrenheit, and the extra heat lasted more than 200,000 years.

I’m pretty sure that before we’re able to wrap up our quixotic quest to conquer perennial climate change, our planet will adapt, as it always does. And so will we.

See you on the river. Hold the froth.

Tom Carstens
541-846-1025

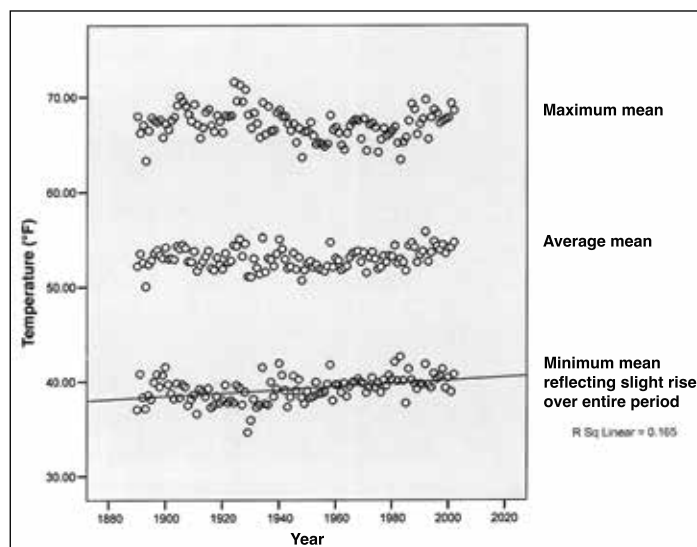


Figure 1. Scatter plots of monthly maximum, average, and minimum mean temperatures for Grants Pass, Oregon 1889 - 2002.

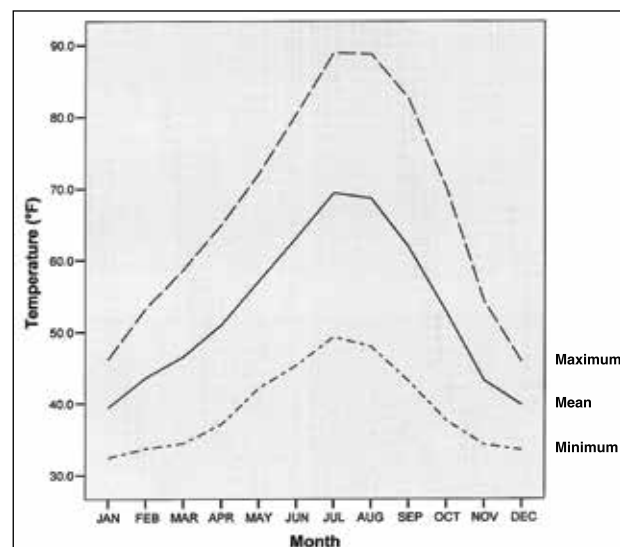


Figure 2. Monthly maximum, mean, and minimum temperatures for Grants Pass, Oregon 1889 - 2002.

New BLM RMP’s impact on the Applegate Valley

BY LUKE RUEDIGER

The Bureau of Land Management (BLM) released a new Resource Management Plan (RMP) intended to direct management activities throughout western Oregon, including the Applegate Valley. The implications of this new plan for our forests, rivers, wildlife, wildlands, and communities are concerning. The plan will turn back many important environmental protections and eliminate land management designations that promote community-based collaboration.

The new RMP would eliminate or reduce many of the environmental protections of the Northwest Forest Plan. It would reduce streamside logging buffers by half, impacting 300,000 acres currently protected as Riparian Reserves. Commercial logging in these Riparian Reserves will harm many rare or endangered species such as the Pacific fisher and northern spotted owl as well as our endangered anadromous fisheries. The new RMP would also allow logging of 278 million board feet of timber annually, an increase of 37 percent since the last plan was approved in 1995. The new RMP emphasizes clear-cut logging techniques on nearly 500,000 acres

of land in Oregon’s moist forests and proposes a large increase in logging in the dry forests of southwestern Oregon. The increased logging will increase fuel and fire hazards adjacent to our communities and in important forest habitats. It will also degrade important wildlife habitats, impact water quality, and log off some of our last intact forests.

For instance, the new RMP will eliminate the proposed designation and protection of two Lands with Wilderness Characteristics (LWCs) in the Applegate Valley and open the Dakubetede and Wellington Butte LWCs to logging, road-building, and motorized recreation. The Dakubetede LWC is traversed by the Sterling Mine Ditch Trail and portions of the proposed Jack-Ash Trail. The Wellington Butte LWC is the wild core of the proposed Applegate Ridge Trail (ART). Having become hotspots for nonmotorized recreation, both LWCs are well loved by residents of the Applegate Valley and southwestern Oregon. Together, the land management practices proposed in the RMP will forever degrade these wildlands and the pristine nature of the proposed ART and

Jack-Ash Trails, impacting the quality of life, habitat, and the recreation-based economy of the Applegate Valley.

Perhaps most important to local residents is the elimination of the Applegate Adaptive Management Area (AMA). The AMA was designated in 1994 to encourage innovative, ecologically responsible and collaborative land-management planning in the Applegate Watershed. It was designed to provide the community with opportunities to collaborate and develop “idiosyncratic” methods of land management based on community values and ecological needs.

The Applegate Valley has been a model of community engagement with local land managers to create collaborative and socially acceptable land-management projects in the AMA. Our community has worked for 22 years towards consensus, building collaborative capacity and supporting the AMA. Many in the Applegate Valley have invested heavily in the AMA process, working to create a voice for our community and build trust between the BLM and local residents. Removing the AMA designation betrays that trust and will eliminate the BLM’s mandate to work collaboratively with our community and practice innovative forestry.

The majority of BLM land in the Applegate Valley would be located within

the Harvest Land Base, meaning that logging would be the primary form of land management. Timber production would be prioritized over ecological, social, or community values within the Harvest Land Base. This includes the Dakubetede and Wellington LWCs, numerous Recreational Management Areas, and the corridors proposed for the Jack-Ash and Applegate Ridge Trails.

Some BLM lands in the Applegate watershed will be managed as Late Successional Reserves (LSR), and, despite the stated goal of providing large blocks of late successional habitat for the recovery of the northern spotted owl, the BLM would mandate the logging of 17,000 acres per decade on the Medford District within these important LSRs.

Although the BLM claims to be emphasizing recreation and conservation in the RMP, nearly all designated conservation and recreation areas would prioritize timber production and motorized recreation. Likewise, our beloved AMA has been axed, along with more than two decades of effort from our community. The new RMP represents old, outdated thinking and a bias towards industrial land management. The public is looking forward to a more sustainable future. Will the BLM join us?

Luke Ruediger
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OPINIONS

Behind the Green Door: Mixed messages from BLM

BY CHRIS BRATT

Twenty-two years ago, in what started as a community opportunity, federal land-management agencies invited rural local people to take a more active role in public forestland management decisions here in the Applegate. Through the new science and thinking developed in the Northwest Forest Plan (NFP), our community had the chance for more flexible and innovative approaches to public forest management and “extensive public participation.”

Many of us, having accepted the invitation, began participating with the Bureau of Land Management (BLM) and the US Forest Service in their planned actions that affected our local environment. We informed ourselves about all our native plants and animals. Our local community became recognized nationally for our volunteer involvement and dedication to helping these agencies make improved analyses and decisions.

From my perspective as a participant, this proactive public participation greatly improved the management of public forests by emphasizing a more ecological and restorative approach to managing public forests in our area. It has altered previous agency behaviors, increased cooperation among participants, brought forward new information, helped design experimental projects, and identified desired future conditions that encourage making future forest management projects even better. And perhaps most importantly, this collaboration had a working document, the Applegate Adaptive Management Area (AMA) Guide, which outlines how the federal agencies expect to do business with groups and individuals

in our 500,000-acre Applegate River Watershed.

But as I reported in the summer issue of the *Applegater*, all of the above successes and collaboration with the BLM are in jeopardy. Without a firm commitment from the Medford District of BLM to continue with the Applegate AMA process, its statements about continuing collaboration with the public sound hollow and insincere. Unless the BLM receives some different Department of Interior or congressional direction, it is hell-bent on going it alone and managing our forests strictly for “increased resource production” (cutting more trees at the expense of other resources and the environment).

As if to show us it is serious about making community collaboration more difficult and to keep the public more confused, the BLM has now released the Nedsbar timber sale Environmental Assessment (EA) for the Little and Upper Applegate drainages. This proposed timber sale is an example of BLM’s mixed messages to our community. The Nedsbar timber sale EA presently shows an existing Designated Wilderness Study Area (WSA) that contains slightly more than the required 5,000 acres to be considered for a possible future wilderness area. Although this WSA has the approval of the BLM under the management guidelines of the NFP and its present RMP, it is invalidating that contract with our community.

The BLM is now claiming that its newly proposed (2016) management direction *won’t allow it to consider multiple uses like Wilderness Study Areas because it has to cut timber in those areas.* It is planning to nullify the

present designations many community members have worked so hard to secure over the past decades. The BLM’s departure from its present direction on this and other multiple-use issues is a mockery of our community. It is also a deliberate act of *misleading* the public into believing that the BLM does *not* have the flexibility to truly collaborate with us on significant actions and projects. The truth is, however, that both the NFP and BLM’s own RMP allow for the kind of adaptability that for the past 20 years has enabled the BLM to do things like test new forest management approaches and designate wilderness study areas.

At this point, if the local BLM (Medford District) had any gumption, it would adopt our Community Alternative in its entirety for the Nedsbar Timber Sale. This excellent Community Alternative

(which received high praise from the BLM),

if adopted, would insure that real collaboration had taken place in one of the most biologically diverse areas in the United States. Let the BLM show that it is accessible and responsive to all its partners by applying ecological principles and creating a climate of trust and cooperation.

My message to the BLM is not a mixed one. If the BLM expects to continue the positive interactions and goodwill that our community can deliver, it must continue to support the shared set of goals already developed collaboratively in the Applegate Adaptive Management Area.

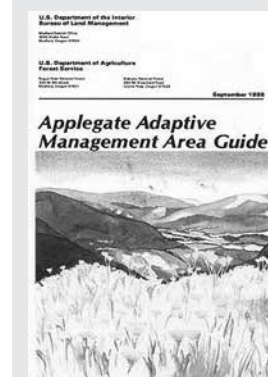
What’s your message to the BLM? Let it know.

Chris Bratt • 541-846-6988



Chris Bratt

More mixed messages from BLM



As the *Applegater* goes to press, the BLM has signed Records of Decision to implement its new management plans for western Oregon forests (including those in the Applegate). Sadly, its new plan is discarding our unique public land allocation called the Applegate Adaptive Management Area (AMA). This specially designated model of collaboration between citizens, scientists, and managers was “established to allow innovative and creative resource management approaches.” All participants “were expected to act in ways that further the technical and social objectives” mutually decided upon

by the partners. Success was dependent “on the cooperation of all participants, federal and private.” Trust was a requirement. Now the BLM has given a curt dismissal to over 20 years of mutual cooperation and building trust. The long-term vision and goals outlined in the Applegate AMA Guide will likely be dropped with BLM out of the picture. BLM’s disappointing action is not a good omen, nor is it a way to build trust with our community. —Chris Bratt

Fenced in

BY TRESSI ALBEE

According to the Oregon state regulations surrounding the cultivation of cannabis, the growing of medical and recreational marijuana must be obscured from public view. Infraction results in a minor fine, as for a traffic violation. When questioned, neither legislators nor employees of the Oregon Medical Marijuana Program (OMMP) knew the reasoning behind this law. For those of us living in Josephine and Jackson counties, the impact of this regulation is significant. Fences, or what may pass for a visual barrier, range from the well-built, usually wooden, and eight-foot-high ones, like something you would find in middle-class suburbia, to those made of all manner of tarps, plastic, or even, like one I saw, bent-up corrugated metal.

In rural Josephine and Jackson counties, we are in no way uncertain about what is growing behind these fences. The odor that starts in August and lingers into November is the tell-all. Notably, there are no such regulations surrounding the cultivation of wine grapes. Imagine the uproar if all vineyards were required to obscure the wine grape cultivation from public view. Quite the opposite,

there is a quiet, but healthy competition among the vineyard owners to have their vines pruned, tied, and tucked. Though alcohol is a far more dangerous and deadly substance than marijuana, the public may view the cultivation of wine grapes, but not cannabis.

The regulation that requires a barrier to “shield” the plant, or perhaps the public, appears to be some sort of hangover from the prohibition of marijuana. Being fenced in causes significant impact, not only on the landscape, but also on the psyche, which experiences this disruption to the organic flow of the landscape of meadows and farmland like a modern monolith to southern Oregon’s real cash crop. Additionally, these fences interrupt the natural migration patterns of wildlife. More often than not, by the end of the growing season the tops of the cannabis plants are peeking above these fences while the odor of the plant permeates about a square acre. So what or who is being protected by these fences?

Certainly any agricultural project in southern Oregon must consider protection against deer and other foraging animals, but, unless the farmer is growing cannabis, the fence does not have to be opaque. Our sprawling rural vistas are etched with fencing for animals

and farmland. But most wire fencing, which allows a visual vista and animal migration to remain little changed, does not create the same sense of being fenced in. Certainly fencing is expensive, but the kind of fence a cannabis grower chooses to build could be seen as a measure of respect for his or her neighbors.

Fencing in Oregon is not a new topic—the existing laws about fencing for ranches and livestock amount to a 21-page document. Yet there is no mention of obscuring from public view the happenings of a cattle ranch or other livestock operation. It is hard not to evoke a sense of shame in these requirements to shield the cultivation of cannabis from the public. Yet cannabis is the one plant that will allow humans to create a protein for food consumption,

make fiber for fabric, replace the wood industry (thereby protecting our forests) with hemp paper products as well as hemp building materials, operate a motor with hemp oil, create medicine for those with pain and anxiety, and support treatment for cancer and many other serious ailments, while being grown sustainably nearly all over the world.

Though Oregon has lifted the prohibition on cannabis, it appears that the collective psyche remains entangled in the hiding and obscuring associated with the prohibition era of cannabis. It appears to be time to fine-tune the nuances of the liberation of cannabis by freeing her from her fenced-in status in the new post-prohibition era.

Tressi Albee
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OPINION PIECES AND LETTERS TO THE EDITOR

Opinion pieces and letters to the editor represent the opinion of the author, not that of the *Applegater* or the Applegate Valley Community Newspaper, Inc. As a community-based newsmagazine, we receive diverse opinions on different topics. We honor these opinions, but object to personal attacks and reserve the right to edit accordingly. Letters are limited 450 words. Opinion pieces **must be relevant to the Applegate Valley** and are limited to 700 words. Both may be edited for grammar and length. All letters **must** be signed, with a full street address or P.O. Box and phone number. Opinion pieces **must** include publishable contact information (phone number and/or email address). **Anonymous letters and opinion pieces will not be published.** Individual letters and opinion pieces may or may not be published in consecutive issues. Email opinion pieces and letters to the editor to gater@applegater.org or mail to *Applegater* c/o Applegate Valley Community Newspaper, Inc., PO Box 14, Jacksonville, OR 97530.

NEXT GENERATION

"Next Generation" features the talents of our local students and school news and updates. All schools in the Applegate Valley are encouraged to submit news, art, writing, photography and any other creative pieces to gater@applegater.org.

RUCH SCHOOL

Ruch Community School Annual Auction a success!

"What an amazing backdrop for such a worthwhile event."

This was the overwhelming sentiment from attendees at Ruch Community School's Annual Auction held at Red Lily Vineyards on June 24, 2016. Approximately 200 community members reacquainted themselves, shared stories, caught up on happenings with family and friends, enjoyed a great meal with wine, and took opportunities to bid on items that would support the academic and enrichment programs offered at Ruch Community School—all the while nestled in the beautiful backdrop of Red Lily Vineyards.

Once again Rachael and Les Martin offered their incredible vineyard to host what would result in a very successful fundraising event. Student art, paragliding, beer walks, spa experiences, a student-created garden arbor, theme baskets, and much, much more were up for bid—including decadent desserts! It was evident that Applegate Valley residents still believe in their small, rural school. Auction paddles were being raised over and over again!

What a humbling experience it is when you can experience support of this magnitude for the children and for the individuals who desire to administer the very best education. Staff members of Ruch School would like to express their gratitude to all the generous donors who made this event possible, to the participants who raised their paddles and/or wrote checks to show their support, to Rachael and Les Martin and their staff at Red Lily, to Bella Union Restaurant for a delicious dinner menu, and to the members of the Auction Committee for their energy and effort in planning and orchestrating a wonderful event.

To the students, their families, and volunteers of Ruch School, we want to thank you for the beautiful art, the hard work put in, the volunteer hours, and the opportunity to teach, learn, and share together. 2016-17 is going to be an epic year for students at Ruch Community School, and it is because of *you!*

Julie Barry
Principal

Ruch Community School
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First-grade authors at Ruch Community School

"I didn't really want to be an author," explains first grader Zelda Collins, "but both me and my brother Joey wanted to make more of the *Crazy Land* books." Zelda's brother Joey wrote and published *Crazy Land* last year in Kim Neiswanger's first-grade class. This year Zelda, in first grade herself, wrote the sequel *Crazier Land*. "Now," the once-reluctant author explains enthusiastically, "we want to write *Craziest Land*."

For the past five years, writing, illustrating, and publishing a book has been part of the first-grade curriculum at Ruch Community K-8 School. Leading the young authors through the process of brainstorming, drafting, revising, and editing their stories is not for the faint of heart, but teacher Kim Neiswanger is always up for the challenge. A teacher-consultant for the Oregon Writing Project at Southern Oregon University, Kim launches a book-publishing unit each spring, helping her students meet the Common Core language arts standards in a meaningful way.

When her students complain about doing yet another round of revisions, Kim simply reminds them that writing is hard work and encourages them to keep going. It all pays off in shrieks of excitement and big grins when the students finally see their books arrive from the publisher. Each student receives a free copy of his or her book, thanks to generous support from the Ruch Community School PTO.

During the last week of school, the first graders read their professionally published books at an authors' reception at the Ruch Branch Library. (This year, the reading marked the opening of the library's Summer Reading Program on June 9.) A boat made of Oreos, a character who's a mere shadow, and a pet fox seemed to jump off the page as students read to an attentive audience.

"At first I was nervous, but then when I got up there I just started laughing because my story was so funny!" says Georgia Hickey, author of *Adventures in Candy Land*. "A lot of people laughed, so that made me feel better," adds Georgia. Fabian Salas was "kind of nervous" to read his book, *Shadoe's Fight*. But after he read, he "felt good!" Andrew Grier loved his moment in the author's chair. He says, "When everybody was looking at me, it meant a lot, because this is the first book I ever published."

After the reception, the young writers offered advice to aspiring authors. Acknowledging that writing can be hard, Fabian reminded authors to be patient with themselves. "You have to think in your mind for a long time," he explained. "Making my rough draft was really hard. It took me a long time to figure out what I was going to write. I was stuck in the middle of my story, but I found a way. It just took a couple of days."

Georgia pointed out that sometimes authors are "inspired by someone, like a

See **FIRST-GRADE AUTHORS**, page 23

APPLEGATE SCHOOL

Applegate School student wins statewide art contest

Carlen Nielsen was among over 50 students from local middle schools who submitted art last spring to the Oregon Problem Gambling Awareness Art Search, a contest sponsored by the Oregon Health Authority-Health Systems Division (OHA).

Carlen's art won the top prize by being selected for publication in the OHA's calendar, which is published statewide.

"I was very glad to be recognized for doing what I love to do," Carlen said. "And it's for a great cause!"

Carlen's piece was the only one from Three Rivers School District chosen for the calendar. Out of 50 pieces submitted by Three Rivers students, five were selected for state-level consideration.

Middle school students from across the state participated in the contest, which was sponsored locally by Josephine County Prevention and Treatment. Thirteen pieces of art from students statewide were chosen for publication in the 2017 calendar.

Carlen, who starts seventh grade in September, is the daughter of Nate and Mikell Nielsen of Williams.



Applegate School student Carlen Nielsen (left) with art instructor Linda Kappen.



Carlen Nielsen's winning entry will appear in a calendar published by the Oregon Health Authority.

Applegate School welcomes two new teachers

Two proven educators are joining the Applegate School staff this year.

Kellie Halstead will teach a second- and third-grade blended classroom. She replaces Debra Yerby, who retired after a long tenure at the school. Kellie, who attended Applegate School, said, "To be teaching here is my dream job."

"Kellie is a fine educator. I know her colleagues at Madrona Elementary will miss her, and we're fortunate to have her," said Darrell Erb, principal. "She'll be a great fit for this community."

Kellie lives in the Applegate area and is the daughter of Judy Crowe, a former Applegate teacher and valued volunteer.

Applegate staff members also welcome Star McAdam, who will teach middle school math and science.

Star has four years of successful teaching experience at middle school and high school levels. She enters the teaching profession after a highly successful career in private industry as a district sales and business development manager of a corporation with over 500 employees.

"Star brings a different perspective, having private sector experience at that level," said Darrell. "Our students will benefit from her experience and expertise in many ways."

New teachers at Applegate School are Kellie Halstead (left) and Star McAdam (right).



School information provided by Darrell Erb Jr., Principal
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darrell.erb@threerivers.k12.or.us

ATA to premiere video of Ashland-Grants Pass thru-hike

BY DIANA COOGLE

ATA is excited to announce that its annual Call of the Wild fundraising event will feature the first showing of *Walking the Wild Applegate*, a video that documents the first-ever thru-hike from Ashland to Grants Pass that ATA board members Josh Weber and Luke Ruediger took last May. Josh and Luke hiked mostly cross-county on the future Jack-Ash Trail, proposed by the Siskiyou Uplands Trails Association, from Ashland to Jacksonville, and on ATA's proposed Applegate Ridge Trail, from Jacksonville to Grants Pass. It was an 80-mile expedition of exciting discovery.

The showing and celebration will be on Sunday, October 9, at Pacifica Gardens, 15615 Water Gap Road, Williams. Tickets are \$10 each and will be available at the Ruch Country Store, online at applegatetrails.org (with an additional \$2 fee), from board members, and at the door. We'll be selling great local beer and great food, starting at 6 pm. Then the movie!

Afterward, there'll be a chance

for more beer, more food, and lots of questions for and conversation with the intrepid hikers.

Josh and Luke were following roughly the routes of the two trails, exploring the country to see what there is to see from the trail, how difficult the trail-building will be, where, approximately, the routes should go, and, mostly, what it'll be like to hike from Ashland to Grants Pass. As wearied as they were after six days of trail-finding and rugged climbs, they walked off the trail buoyed by enthusiasm.

From time to time other ATA board members and, most importantly, videographer Tim Lewis met them on the trail. Tim took miles of footage—oak savannahs, camping places, deep forests, open meadows, incredible views—which he worked into an edited version that depicts well what the rugged hike was like, from snow on the hikers to fairy-tale walks through galaxies of wildflowers.

Don't miss this exciting event. We're especially looking forward



Prior to the thru-hike, Luke Ruediger appraised the countryside for a route on the Applegate Ridge Trail that ATA is proposing. Here he is standing at an overlook on the East ART.

to seeing those of you who so generously contributed to the Kickstarter campaign that made this video possible. ATA will put the money raised that evening toward the first trail-building for the Applegate Ridge Trail, on the East ART, which is planned to start in October. This trail has been years in the planning. ATA is over-

the-top excited about putting picks and shovels to the ground for this beautiful section of trail, which we predict will be a popular one for hikers, horseback riders, and families.

Come to the showing of the video and take a look. You'll be excited, too.

Diana Coogle • dicoog@gmail.com

Clearly, these authors have learned what it takes to write well.

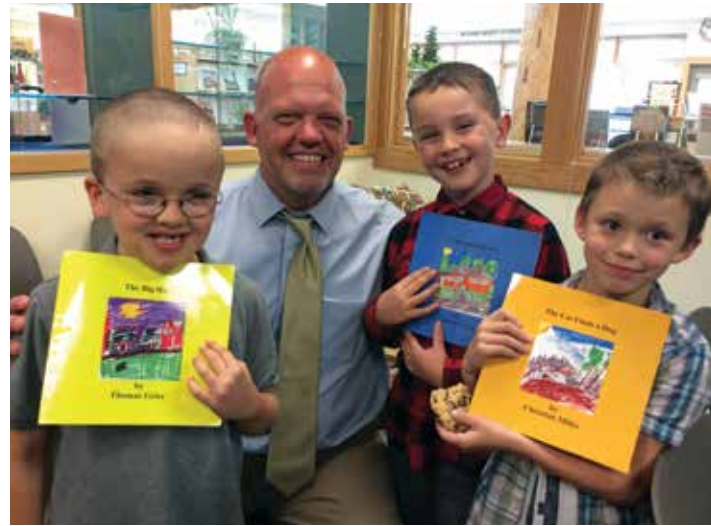
■ FIRST-GRADE AUTHORS

Continued from page 22

spy movie or something, and then smush it all together and make it *your* story." In her case, she "wanted to write about the children's game Candy Land, but thought about *Alice in Wonderland*. I put them together." This is good advice: read widely and make creative connections.

Jayden Newkirk, author of *A Walk in the Woods*, explained the importance of being able to start over. "I learned that when we get stuff mixed up, we can crumple it up and start all over with a new piece of paper." Another important writing—and life—lesson!

Zelda is not the only student thinking about writing a sequel. Andrew



Ruch School first-grade authors, from left to right: Thomas Grier, Andrew Grier, and Christian Miller, with Medford School District Superintendent Dr. Brian Shumate.

says his next book "is going to be about a cat that comes into technology and goes into this machine that turns him into a fox. Then he keeps turning into other animals until he's stuck being human and has to find another way out of the technology to make him back into a cat."

Clearly, these young authors have learned what it takes to write well: patience, persistence, openness to new ideas, and a willingness to revise. Oh, and one

more thing, says Jayden: "Get enough paper. If you don't have enough paper for your illustrations, go to the store and get more!"

Margaret Perrow della Santina
541-899-9950

KNOW AN AUTHOR?

If you know an author who has written a book in Kim Neiswanger's class in the past few years, you can view and purchase a copy of his or her book at thebookpatch.com. Search by the author's name.



"Pamercize" for everyone!

Dance fitness instructor Pam Walters (top row on right) leads exercise classes on Mondays, Wednesdays, and Fridays from 9 to 10 am at Applegate Community Church, 18960 North Applegate Road, Applegate. Pam also holds a class in the park next to the Applegate Store and Cafe on Saturdays at 9 am. Classes are free and all ages are welcome. Photo by Shelley Manning.

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Look who's reading the Gater!

Take us with you on your next trip. Then send your favorite "Reading the Gater" photo to gater@applegater.org or mail to *Applegater*, PO Box 14, Jacksonville, OR 97530. Photos will appear as space allows.



Photos, clockwise from top left:

- **Dave Weber** almost made it to the top of Mont Blanc, one of the world's deadliest mountains, but when he checked the weather forecast in the Applegater, he wisely turned back.
- An eerie wind was blowing hard when **Kathy Kliewer and Mikell Nielsen** visited Stonehenge. Luckily, they could use the Applegater as a shield.
- At Park Güell in Barcelona, Spain, **Gabriella Sarrouh** checks the Spanish version of the Applegater for more tourist attractions.
- **Don Sayer**, while in the Sea of Cortez, studies paddle-boarding techniques in the Gater.
- **Ed** from Ashland and **Dick and Sandy** from Santa Cruz socialize with the Applegater while visiting the della Santinas in the Applegate.



Keep those articles, letters, opinions and "Reading the Gater" photos coming in. You are the Gater!

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