

Journal #3864 from sdc 3.31.17

Why water is so sacred to Native Americans

NRDC and partners sue administration for illegal approval/permit for Keystone XL tar sands pipeline

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Photography from The Red Road Project Featured on CNN

Humans Produce So Much Junk, We Are Creating a New Geological Layer

Scholarships

SHOSHONE COMMUNITY LANGUAGE INITIATIVE

If you want to catch a glimpse of/understand where Nevada is going, peruse some of these



Why water is so sacred to Native Americans

ROSALYN R. LAPIER

Keystone XL is approved. Apply now for 35 permanent pipeline jobs.

KATE YODER

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**Big news: NRDC and our partners sued the Trump administration today for illegally approving a permit to build the climate-wrecking Keystone XL tar sands pipeline.**

**Simply put: We're asking the court to put an end to the Keystone XL, once and for all.**

Today's lawsuit is the critical next step in our fight to block this disastrous pipeline, which would pipe some of the world's dirtiest oil through America's heartland, threatening our land, water, climate and communities, from Montana through Nebraska and to the Gulf coast.

**NRDC is prepared to battle the Trump administration in court for as long as it takes to kill the Keystone XL for good.** But to do that, we need your strong support.

**Our lawsuit contends that the Trump administration broke the law by approving the permit based on a woefully outdated environmental review** — a years-old assessment that severely underestimated the environmental and climate impacts of the pipeline — and by refusing to prepare a new analysis based on updated information.

**The Trump administration knows that a new, proper and truthful review will make it even clearer that the Keystone XL is bad for our air and water, bad for our climate and bad for the American people — and should never be built.**

Stopping the pipeline is a tall order — but no one is better suited to taking it on than NRDC's legal team. And we simply can't fight for as long as we need to without the support of NRDC members and activists like you.

**NRDC is fighting the Keystone XL on multiple fronts by:**

- Whipping up a groundswell of international opposition to this climate-busting pipeline
- Helping local community groups in Nebraska to compel the Nebraska Public Service Commission to reject permits for the pipeline to cross that state
- Making the case to investors and potential financiers that Keystone XL is a bad bet for our environment and our economy, and they should pull out of the project

**But for now, our courtroom fight is the flashpoint, and we need you to stand with us.** We killed this pipeline before, and together, we can do it again.

Thank you for your support. Sincerely, Rhea Suh, President, NRDC

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***This tar sands pipeline poses a direct threat to our climate, our clean water, wildlife, and thousands of landowners and communities along the route of this dirty and dangerous project, and it must and will be stopped.*** —Michael Brune, executive director of the Sierra Club, referring to the Keystone XL oil pipeline. The Sierra Club is one of several environmental groups that [filed lawsuits this week that aim to stop the pipeline](#). Denied a permit by the Obama administration, Keystone XL was given approval by the administration of U.S. President Donald Trump last week. It has long been a source of contention due to concerns about climate change and water resources.

(Reuters)\*\*\*\*\*

**As the Southwest dries up, scientists collaborate on alternative ...**

**Salt Lake Tribune** As drought dries large bodies of water throughout the Southwest, such as Lake ... by the Colorado River Basin: Utah, California, Arizona, Nevada

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**Wastewater recycling technology: the answer to water scarcity** Energy Digital

US (especially California) generate significant amounts of portable water though wastewater ...

## Heritage Sonoran Wheat - History, Growing, Harvesting

Article by Melissa Kruse-Peebles, NS/S Education Coordinator, published November 14, 2015.

In the lyrics of *America the Beautiful*, the line “amber waves of grain” does not necessarily conjure up the image of farmland in the desert Southwest. However, if you were looking out onto the farming landscapes of our region 100 years ago that is exactly what you would have seen. Arizona, southern California, and the Mexican state of Sonora were one of the breadbaskets of America. Not only did wheat contribute to quintessential Sonoran cuisine – such as the large, oversized flour tortilla – wheat was a major cash crop and Southwestern grown wheat was exported throughout much of the country, particularly during the Civil War.



Wheat was first introduced to our region via early Spanish expeditions in the 16th century. Historical documents indicate Captain Fernando Alarcón distributed seeds, including wheat, to Yuman-speaking groups along the Colorado and Gila Rivers as he explored water routes for Coronado's expeditions in the 1540s. Wheat's large-scale introduction into the Southwest is attributed to Father Eusebio Francisco Kino as he established Catholic missions throughout

the Pimera Alta—what is now Sonora and southern Arizona—in the late 1600s. Padre Kino likely introduced wheat to make communion wafers but wheat became so much more in the region.

Wheat was a perfect complement to traditional summer monsoon Tohono O'odham and Pima crops of corn, beans, and squash. In the Sonoran Desert, wheat is grown in the winter and spring when many fields are empty. The introduction of wheat allowed indigenous farmers to produce two crops per year. The wheat was also pre-adapted to Southwestern growing conditions and able to withstand alkaline soils and the alluvial contexts along the Santa Cruz and Gila Rivers where it was grown. Wheat matures and is harvested when many cultivated and wild food resources are in short supply, the late spring and early summer. Therefore, wheat quickly became part of O'odham cuisine. Cooks incorporated wheat berries into traditional *poshol*, a stew with tepary beans, as well as *pinole*, a parched and ground preparation usually of corn; and wheat was easily rolled into well-established agricultural traditions, especially for the Pima. Traditional baskets made of yucca and bear grass began to incorporate dried wheat straw, particularly for the manufacture of large storage baskets.

The introduction of wheat was not without consequences. The ability to produce more food and pressures from European missionaries, military, and settlers pushed traditional subsistence-based farmers into cash crop farmers. By the 1800's much of the wheat produced by the O'odham and Pima was being sold at market.

Heritage wheat, such as the White Sonoran variety, is experiencing a resurgence in popularity. This is in part due to its exquisite flavor and delicate texture as well as the rise in local food movements. Additionally, varieties of heritage wheats are being looked at once again for their ability to thrive in low-input organic systems as they can produce without the expensive and environmentally damaging inputs of irrigation water, herbicides, and fertilizers. These varieties are often taller than modern, conventional varieties and can naturally shade out weeds, can produce in dryland fields where irrigation water is not used, and are better adapted to the growing climate of the Southwest. While the overall productivity per acre is less than conventional varieties, the benefits are there to make growing heritage grain a viable commercial enterprise.

Native Seeds/SEARCH is proud to provide foundational seed to local growers such as BKW Farms in Marana, San Xavier Food Coop in Tucson, and Avalon Gardens in Tubac. We also support these enterprises by providing a market for their [food products](#). For example, we offer several heritage wheat products from Ramona Farms in Sacaton, Ariz., on the Gila River Indian Community reservation. Ramona and her family are growing wheat, along with Pima varieties of tepary beans and corn, in the same soils where her community has for hundreds of years.

### **Heritage Southwestern Wheat Varieties**

Seeds for [White Sonora](#) and [Pima Club](#) wheat varieties are available in bulk quantities for farmers and in regular packets for those interested in growing smaller plots. Differences between varieties are largely related to geographic origin (White Sonora is from Magdalena, Sonora, and Pima Club is from the Gila River Indian Community in Central Arizona) as well as the seed head characteristics. Both are beardless (lacking a long hair or awn) soft white wheats. Pima Club is so-called because of its flattened club-shape seed head. Compared to hard red winter wheats, these have lower protein content and a soft starch structure that makes them easier to grind. It is because of these traits that they are well-suited to "short" baked goods such as pie crusts, cakes, crackers, and cakes, while they don't work as well for bread-making unless mixed with a higher protein flour.

Native Seeds/SEARCH also conserves a variety of wheat known as Early Baart. Early Baart, a drought-tolerant wheat variety from Australia, was introduced in Arizona by the USDA by way of California in the early 1900's. The warm, dry climate in our region is better suited to soft wheats, and the introduction of Baart came at a time when many mills in Arizona were unable to compete with the hard wheats grown



in the Midwest which were superior for bread flour. Baart was popular as a superior variety for milling and bread baking. Unfortunately, seed for this variety is limited at this time but securely conserved within our Seed Bank.

### **Growing and Harvesting Wheat in the Southwest**

White Sonora and Pima Club are considered "spring" wheats, but due to our mild winters they can be planted between November and December in the low desert regions of Tucson and Phoenix. Higher elevations and cooler regions should plant in the month of February. The plants are certainly frost tolerant so do not worry about light frosts and even light snow accumulation. Prolonged cold will slow down maturity but if planting during this window seed heads will not yet have developed and no damage or productivity reductions will occur. Depending upon the weather, White Sonora, for example, can mature in 90 days with additional dry time in the field for harvestable grain. The key is to have mature grain harvested in May and early June before the onset of the summer rains. Grain that has been partially dried and then moistened is difficult to harvest, by hand or mechanically, and prone to mold.

A single packet of wheat seeds (28 g) will be plenty of seed to plant a 3 ft x 3 ft with a dense stand of wheat. An 8 oz packet of seed will be enough to cover a 35 ft x 35 ft (1225 sq ft) plot. Broadcast the seeds and cover with compost of a few handfuls of soil or gently rake into the soil. If birds eating the seed may be a problem, cover with a thin layer of straw. Wheat seeds can also be planted in rows, ca. ½ inch apart. Allow the cool season rains to water your plot to get it established and keep the soil moist until sprouted.

Large plots can be planted with a seeding rate of 70 to 100 pounds per acre depending upon soil conditions and seeding method. Compared to more modern varieties, many heritage wheats are taller, tend to tiller more (grow lateral shoots from the base of the stem), have more seeds per pound, and are more competitive and therefore more effective in covering the ground, so less seed is required. If irrigating, use 50-75% less water, otherwise lodging can occur. More details about planting Sonoran varieties can be found at the [University of Arizona Cooperative Extension](http://nativeseeds.org/learn/nss-blog/387-heritage-sonoran-wheat?mc_cid=81f5d3172a&mc_eid=1e8de76023).

One additional appeal of growing Sonoran heritage wheat is the ease of processing the mature grain, particularly for the home gardener. The hull or husk is very easily removed. Cut the mature seed heads and dry on a tarp or place seed heads in a large plastic bin that is large enough for you to step inside. Thresh the seed heads by stomping and dragging your feet to release the hulls. Small batches can also be done by rubbing seed heads between your hands. Winnow away the chaff to clean the seeds from the papery debris. Larger-scale operations should harvest and clean seeds using combines and mechanical action.

[http://nativeseeds.org/learn/nss-blog/387-heritage-sonoran-wheat?mc\\_cid=81f5d3172a&mc\\_eid=1e8de76023](http://nativeseeds.org/learn/nss-blog/387-heritage-sonoran-wheat?mc_cid=81f5d3172a&mc_eid=1e8de76023)

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**The nine NV Senators that voted FOR guns IN libraries:** Heidi Gansert, Pete Goicoechea, Donald Gustavson, Scott Hammond, Joseph Hardy, Becky Harris, Ben Kieckhefer, Michael Roberson, and James Settlemeyer.



## Nevada Greenfest Awards

### Nominations - Deadline Extended!!

Project teams, buildings, companies, organizations and individuals who have demonstrated leadership between September 1, 2015 and December 31, 2016 may apply for consideration in the following categories:

**GREENFest's Rob Dorinson Environmental Hero Award**

**Avant-Guard Award**

**Community Green Building Legacy Award**

**Community Leader in Green Schools**

**Community Volunteer Leadership**

**Transformers Award**

**Triple Bottom Line Award**

Nominations are due by 6:00pm PT on NEXT Friday, April 7, 2017. [Submit Here](#)

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at the Schomberg Center (NYC)

**Lapidus Talks @ Noon: Atlantic Slaveries: Native American and African Slavery in New England and the Caribbean**

Thursday, April 6 at 12:00 PM

*Speaker: Linford Fisher, Assistant Professor of History at Brown University*

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**Westinghouse Files for Bankruptcy, in Blow to Nuclear Power**

By DIANE CARDWELL and JONATHAN SOBLE

The company, whose corporate parent is Toshiba of Japan, led projects once seen as heralding a nuclear renaissance, but its filing casts a pall over the troubled industry.

Although African slavery has received the majority of scholarly attention in the early modern Atlantic, recently scholars have begun recovering the history of the enslavement of Native Americans. All across the Americas, in every colonial context, Natives were captured, enslaved, and sent to other regions to work in houses, on farms, and on plantations. But the histories of Native and African slaveries were not separate. In fact, they were intertwined and intermingled. This presentation considers how Native American and African slaveries intersected in the English Atlantic world in the seventeenth and eighteenth centuries, using New England, Barbados, Jamaica, and Bermuda as the primary comparative lens of analysis.

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**Photography from The Red Road Project Featured on CNN**

It's always refreshing to see our Native people displayed in a positive light; no poverty porn needed here! This week, CNN featured photographs from The Red Road Project. This ongoing series is the brainchild of Italian photographer Carlotta Cardana and writer Danielle SeeWalker (Standing Rock Sioux). These two became lifelong friends in high school in an unlikely place: small town Nebraska. Danielle had just moved from her reservation in North Dakota and Carlotta was a foreign

exchange student from Italy. The two bonded over being the new kid in town and not quite fitting in with everyone else. They kept in touch over the years and had just recently met up in person again

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## **Humans Produce So Much Junk, We Are Creating a New Geological Layer**

[www.slate.com](http://www.slate.com)

[Read the full story](#)

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## **Scholarships**

### **The David Eaton Scholarship**

**Application Deadline: 4/15/2017**

Maurine Mulliner, a long-time member of All Soul's Church in Washington, DC, made an estate gift to establish this award in order to affirm Rev. David Hilliard Eaton's vision of a community dedicated to strengthening hope, justice and balance, and creating an anti-racist, multi-cultural religious organization and country. This scholarship is awarded to women from a historically marginalized group [...] More

### **Red Thread Foundation Scholarship** **Application Deadline: 4/15/2017** **Amount: \$1,000**

Women of an international background, including foreign students, immigrants, or first-generation Americans, who are first year entrants to a U.S. college or university program in the upcoming fall are eligible to apply for the Red Thread Fellowship Program. There are no GPA or U.S. residency requirements.

We will select a short list of candidates to interview by phone. Interviews will be [...] More

### **BHW Scholarship** **Application Deadline: 4/15/2017** **Amount: \$3,000**

The BWH Group offers a scholarship for women who are pursuing an undergraduate or master's degree and are majoring in science, technology, engineering, or mathematics (STEM fields) during the current school year.

Applicants must write an essay between 500-800 words on either of the following topics:

1. Tell us about your favorite app and what you like about it.
2. Tell us about a time an [...] More

### **Buildium's Women in Technology Scholarship** **Deadline: 4/15/2017** **Amount: \$2,500**

Encouraging the pursuit of education in science, technology, engineering, and mathematics (STEM) is one way to help more women achieve their dream of careers in design and development. The Women In Technology Scholarship is awarded each semester to a Product Design, Interaction Design, UX Design, or Computer Science student who writes the most compelling essay about a topic related to women in [...] More

### **NeW's Young Women's Leadership Retreat** **Deadline: 4/16/2017** **Amount: \$1,000**

To apply for the Young Women's Leadership Retreat (the "retreat"), you must submit an essay describing why you want to attend the retreat, including why you are uniquely qualified to attend and how attending will benefit you. By applying and submitting an essay, you will automatically be considered for a scholarship to attend the retreat for free. This application-only leadership program will [...] More

**[The Phyllis G. Meekins Scholarship](#)** **[Deadline: 4/30/2017](#)** **[Amount: \\$1,250](#)**

The Phyllis G. Meekins Scholarship is granted annually through The LPGA Foundation and the Phyllis G. Meekins Scholarship Fund. Established in 2006, the objective of the Phyllis G. Meekins Scholarship is to provide a need-based scholarship to a female high school senior from a recognized minority background who will be pursuing a full-time course of study and playing collegiate golf at an [...] [More](#)

**[The Sara Scholarship](#)** **[Application Deadline: 5/1/2017](#)** **[Amount: \\$8,000](#)****[The Sara](#)**

Scholarship was established as part of the final will of Sara Sheehan, who passed away in 2011. The award is granted annually to female high school seniors who plan to pursue a college degree and who demonstrate academic achievement, excellence of character, financial need and active engagement with the sport of golf. Skill in playing golf is not a criterion. For more information or [...] [More](#)

**[AFWM Ford Empowering America Scholarship](#)** **[Deadline: 5/1/2017](#)** **[Amount: \\$3,000](#)**

The Alliance for Women in Media Foundation (AWMF) and Ford Motor Company Fund are looking for female undergraduate or graduate students to make a short video profiling an influential and/or inspirational woman in their community or from the Ford Empowering America booklet.

The winning applicant will receive a \$3,000 and will also have the opportunity to create a video honoring one of the [...] [More](#)

**[OutputLinks Communications Group Woman of Distinction](#)** **[Deadline: 5/1/2017](#)**  
**[Amt: \\$5,000](#)**

EDSF scholarships are awarded to full-time students who are committed to pursuing a career in the document management and graphic communications marketplace. Applicants for the OutputLinks Communications Group Woman of Distinction Scholarship must be full-time, female students attending an accredited college or university as of the upcoming fall semester and have a minimum 3.0 GPA.

For more [...] [More](#)

**[Santa Rosa Ninety-Nines Aviation Scholarship](#)** **[Deadline: 5/1/2017](#)** **[Amount: \\$3,000](#)**

Each year the Santa Rosa chapter of the Ninety-Nines, International Organization of Women Pilots, awards a scholarship to a local woman pilot. The purpose of this scholarship is to provide funds to be used for a specific rating or certificate in flight training and/or continuing education to further the recipient's pursuit of a career in aviation.

Eligibility

- Any woman pilot holding at [...] [More](#)

**[AWMF & Ford Emerging Voices Scholarship](#)** **[Deadline: 5/1/2017](#)** **[Amount: \\$2,000](#)**

The AWM Foundation's partnership with the Ford Motor Company Fund supports two female students based on an essay written on a suggested topic. Winning applicants will receive a scholarship of \$2,000 each and get the opportunity to write four blog posts for AWM. Winners



are invited to accept their scholarships live at the Gracies Luncheon in New York City. Winning applicants receive [...] [More](#)

**AWMF & Loreen Arbus Foundation Focus on Disability Scholarship**

**Application Deadline: 5/1/2017**      **Amount: \$2,500**

The AWMF Foundation's partnership with the Loreen Arbus Foundation focuses on the achievements and contributions of citizens with disabilities. This journalist scholarship program consists of one \$2,500 scholarship, made payable directly to the winning student's educational institute. The winning applicant must also be able to attend AWMF's Gracies Awards Luncheon in June in New York City to [...] [More](#)

**Judy Wendland-Young College Scholarship**

**Deadline: 5/4/2017**      **Amount: \$20,000**

The Judy Wendland-Young Scholarship Fund offers scholarships to women who meet the following criteria:

- Must be 35 years old or older
- Admitted to an accredited university offering bachelor's degrees located in the United States. Awards may only be granted towards the first year at the currently admitted university
- Have not previously attended college at an accredited university offering [...] [More](#)

**The Anne Trabue Scholarship Fund**

**Application Deadline: 5/15/2017**

The first scholarship established by the WSCGA Foundation Board was the Anne Trabue Scholarship in honor of WSCGA's 'founding mother' and first President. In 1954, WSCGA honored Anne Trabue by creating a trophy in her name. The Anne Trabue Trophy is presented annually at the Southern Championship.

Eligibility:

- Applicant must complete high school by September 1st of the current [...] [More](#)

**Ruth Thurmond Scholarship**

**Application Deadline: 5/16/2017**      **Amount: \$2,000**

The Thurmond Family, community philanthropists, established a College Scholarship Fund for reentry women 24 years or older to attend Fullerton College, (FC), or California State University, Fullerton, (CSUF). Today, the Thurmond Scholarship Fund provides a constant investment in the lives of women and the opportunity for advancing women in today's highly competitive society. [...] [More](#)

**Traub-Dicker Rainbow Scholarship**      **Deadline: 5/18/2017**      **Amount: \$3,000**

Established by Peggy Traub and Phyllis Dicker, this fund encourages and supports LGBTQ women in their quest for higher education. The TDRS awards scholarships to students in two categories: 1) graduating high school seniors who plan on attending an accredited college or university; and, 2) already matriculated students in any year of study, including graduate school. Multiple scholarships between [...] [More](#)

**Caitlin Brondolo Golf Scholarship      Deadline: 5/31/2017 Amount: \$2,500**

The objective of the Caitlin Brondolo Scholarship is to award a scholarship to a female high school senior who has played golf during high school and is pursuing a college education in the United States and who will be playing competitive collegiate golf.

Eligibility:

- Applicant must be female
  - Applicant must be a high school senior accepted into an accredited college/university in the [...]
- More

**Antoinette Cavanaugh with Phaline Thacker Conklin and 39 others.**

Presenting the **SHOSHONE COMMUNITY LANGUAGE INITIATIVE** hosted by Great Basin College's Great Basin Indian Archives from July 5-August 4, 2017. Earn college credit for World Languages and High School Credit for Foreign Language! Visit Shoshone cultural & historical sites! If you know of any high school students (10-12th grade during the 2017-2018

school year) who may be

interested, let me know!

Application period ends  
APRIL 28, 2017. SHARE,  
SHARE, SHARE.

*If you want to catch a  
glimpse of where Nevada  
is going, peruse some of  
these sites:*

**Blaze.com**  
**Customer Service /**  
**Sales/Science/**  
**Broadcast -**  
**Journalism/**  
**Accounting/General**  
**Labor/Installation -**  
**Maint - Repair/**  
**Research/ Entry Level -**  
**New Grad/Inventory**  
**Jobs in Reno, NV**

**SCLI**  
Dammen Newe  
Daigwan Suande

July 5-  
August 4, 2017  
Great Basin College  
Campus

Deadline to register:  
**April 28, 2017**

SCLI application is open to students who will be in 10th-12th grades for the 2017-2018 school year.

- Experience college.
- Reside on campus.
- Earn college credit.
- Meet new friends.
- Have fun learning!
- Applicants may be eligible for a stipend.
- Former language participants are encouraged to apply.

Questions?  
775.397.4764  
SCLI@gbcnv.edu

Introducing  
**The Shoshone Community Language Initiative (SCLI)**  
Hosted by the  
GBC Great Basin Indian Archives

The Great Basin Indian Archives  
History is the future  
www.gbcnv.edu/gbia

Dammen Newe Daigwan Suande  
Our people wanting to speak Shoshone

In partnership with  
**BARRICK**

**recommendedjobs.com**

### **I-11 Corridor**

[onlinepubs.trb.org/onlinepubs/futureinterstate/KiesMichael.pdf](http://onlinepubs.trb.org/onlinepubs/futureinterstate/KiesMichael.pdf)

Feb 1, 2017 - History of *I-11 Corridor*. ▫ Study Process & ... *I-11* & Intermountain West Corridor. Study (2014) ... Follow On *Studies*. – NDOT Corridor Analysis.

### **I-11 & Intermountain West Corridor Study**

[i11study.com/](http://i11study.com/)

With the *I-11* & Intermountain West Corridor Study complete, the *I-11* efforts now move to the next phase, with projects and *studies* continuing in both Arizona ...

*(Nevada Corridor link not currently operable)*

### **Frontline: Tahoe-Reno Industrial Center: Oasis in the Desert | Tahoe ...**

[www.areadevelopment.com/.../nevada/tahoe-reno-industrial-center3002.shtml](http://www.areadevelopment.com/.../nevada/tahoe-reno-industrial-center3002.shtml)

Storey County, Nevada's *Tahoe-Reno* Industrial Center occupies more than half ... told for 15 years that his plans for a massive *industrial park* there were crazy.

### **Tahoe-Reno Industrial Center | The Largest Industrial Center in the ... [tahoereno.com/](http://tahoereno.com/)**

