

## ***Journal #5152      from sdc      3.9.22***

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***How Sitting Bull's Fight for Indigenous Land Rights Shaped the Creation of Yellowstone***

***The Future of Recycling May Be in Microbes***

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***'They're finally listening': Indigenous peoples play major role in new climate report***

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### **[Bison Restoration On Tribal Lands Has Cultural, Ecological And Economic Benefits](#)**

Our national mammal, the bison, was nearly hunted to extinction in the early 1800s. As a keystone species, bison help create habitat on the Great Plains for many species, including

grassland birds. As they forage, they aerate the soil with their hooves, which aids in plant growth, and native seed dispersal. Bison restoration helps secure the food supply of Indigenous People of the plains. According to South Dakota State University, “In rural Native American communities, poverty is two to three times higher than in white rural communities, and, despite much of the grasslands being used for agriculture, Native Americans are twice as likely to be food insecure than white people and are 25% more likely to remain food insecure in the future.” Hungry for more positivity? We've got plenty [more good news](#) stories from the past year. And if you're feeling really inspired, consider [planting a tree today!](#)

NV Legislative hearings: <https://www.leg.state.nv.us/App/Calendar/A/>

<https://www.nevadawomen.org/ceroke-loretta-fajardo/>



Native American of the Cuiyui Ticutta band of the Northern Paiute Tribe, Loretta grew up on the Pyramid Lake reservation. As both her parents worked, she spent much of her early life living with her grandmother, where she learned the skill of ‘beading.’ Schooling was both at Nixon and Pyramid Lake, with high school in Fernley. Loretta was the first native Miss Nevada Day Princess during the 1952 Nevada Day activities in Carson City. It was then that she met actors Ronald Reagan [later U.S. President] and Montgomery Clift. Although she grew up with many native customs, she chose not to continue them with her own children while living in Carson City. She considers her children the greatest achievement in her life.

### The official quilt of South Dakota

Her name is Dignity. She stands watch over the Missouri River in Chamberlain holding a Star Quilt that shimmers with the breeze. Millions of people fall under her gaze every year. Traveling down I-90 you can see this cultural landmark. Flowing behind this scenic sculpture is one of the best examples of a Star Quilt in South Dakota, certainly the largest and one of the loveliest.

A decade ago, I decided to leave home to study. I didn't.

Connie Carmichael from New Underwood made this star quilt.

Star quilts are given to mark important life events, like graduation.

### The Star Quilt

**The Star Quilt:** For the Lakota (Sioux) people, the star quilt represents honor and generosity.

**Design:** The pattern is made of small diamonds pieced together in eight sections. These sections join together to create the eight-point star.

The pattern of the star quilt is inspired by the Morning Star. The Morning Star is the last and brightest star in the eastern horizon before dawn.

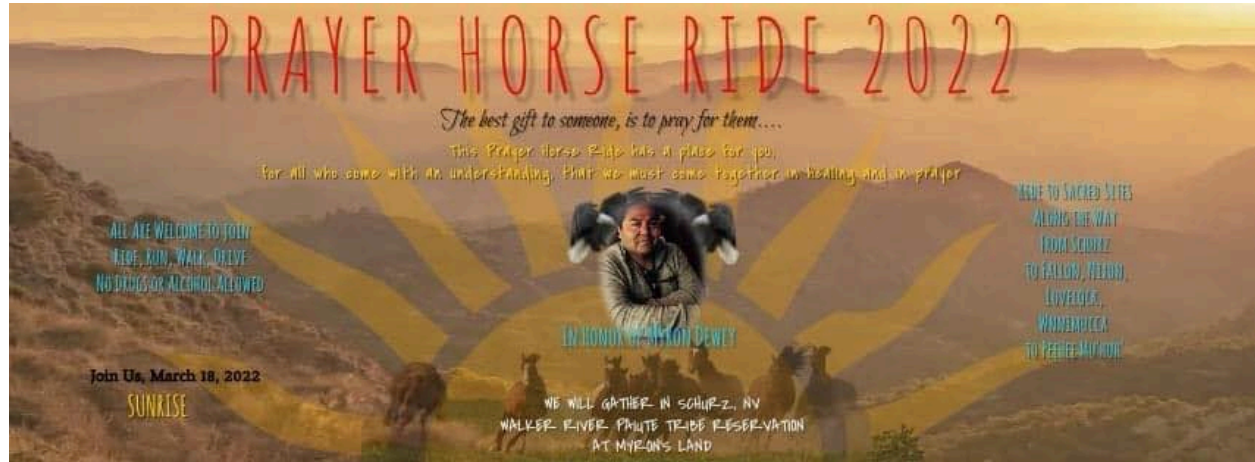






LeRoy Kropuenske

The state legislature has passed a bill that makes the star quilt the official quilt of South Dakota!



**Marla Painter** **Once again,**  
**there is NO coverage of the issue of transportation. It is as though the waste just magically**  
**appears at an interim storage site. The comment that the waste at San Onofre, for instance,**  
**needs to be gone from an area where 8 million people live is misleading. The waste would**  
**travel on the roads and railways through not only 8 million people but all those between**  
**San Onofre and an interim site daily, for years. And that is only ONE site. The**  
**infrastructure does...**

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

[California's nuclear waste issue faces new hurdles in Congress](#)

[The vexing problem of what to do with the 190 million pounds of highly radioactive waste piling up at commercial nuclear reactors all over the nation grows more acute each day. And it's expensive....](#)





### [Call to Change](#)

In a beautiful example of a closed but functional ecosystem, David Latimer has grown a garden sealed inside a giant glass bottle that he has only opened once since he started it almost 60 years ago.

In 1960, David Latimer planted a tiny garden inside of a large glass bottle and sealed it shut. He opened the bottle 12 years later in 1972 to add some water and then sealed it for good. The self-contained ecosystem has flourished for nearly 60 years.

For those who are wondering how this is even possible: the garden is a perfectly balanced and self-sufficient ecosystem. The bacteria in the compost eats the dead plants and breaks down the oxygen that is released by the plants, turning it into carbon dioxide, which is needed for photosynthesis. The bottle is essentially a microcosm of earth.



**This Tribe Has Fought for Years to Get Federal Recognition. It's About Their Identity**  
**Katia Riddle, NPR**

Riddle writes: "When Ken Workman looks at the skyline from across the bay in West Seattle, he sees something more than the space needle or the Mariner's ballpark."

**[READ MORE](#)**





Please join us as we celebrate the first 50 years  
of the Native American Rights Fund.

## **HONORING OUR PAST PROTECTING OUR FUTURE**

**SATURDAY, APRIL 16, 2022**

**On April 16th, NARF will commemorate its 50th anniversary, and we want to celebrate with you – join us!**

For more than 50 years, the Native American Rights Fund has provided high-impact legal assistance to Native American tribes, organizations, and individuals nationwide who might otherwise have gone without adequate representation. Let us gather together to honor that past and protect our future.

A special invitation from NARF Executive Director, John E. Echohawk:



Thank you for joining the fight for Native rights. We look forward to celebrating with you!

**ATTEND THE GALA**



## [How Sitting Bull's Fight for Indigenous Land Rights Shaped the Creation of Yellowstone National Park](#)

### **The Future of Recycling May Be in Microbes**

[https://www.smithsonianmag.com/innovation/future-recycling-may-be-microbes-180979645/?utm\\_source=smithsonianmag&utm\\_medium=email&utm\\_campaign=20220228-daily-responsive&spMailingID=46470006&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2200009908&spReportId=MjIwMDAwOTkwOAS2](https://www.smithsonianmag.com/innovation/future-recycling-may-be-microbes-180979645/?utm_source=smithsonianmag&utm_medium=email&utm_campaign=20220228-daily-responsive&spMailingID=46470006&spUserID=OTYyNTc5MzkyMTQyS0&spJobID=2200009908&spReportId=MjIwMDAwOTkwOAS2)

### **World Spends \$1.8 Trillion a Year on Subsidies That Harm Environment, Study Finds**

*Patrick Greenfield, Guardian UK*

Greenfield writes: "The world is spending at least \$1.8 trillion every year on subsidies driving the annihilation of wildlife and a rise in global heating, according to a new study, prompting warnings that humanity is financing its own extinction."

[READ MORE](#)

### **Motorola's new Cherokee support is about preserving a language—and a culture**

In the spring of 2021, Motorola added support for two Indigenous languages spoken in Latin America as part of a push to make its products more inclusive and accessible.

Now, any Motorola phone running Android 11 or up has access to Kaingang and Nheengatu. The United Nations Educational, Scientific, and Cultural Organization (UNESCO) has designated Kaingang as "definitely endangered." This means that children no longer learn it as their first language at home. And with only about 6,000 people in

Read in Fast Company: <https://apple.news/AHFIFzommRFGGeHmHYInox3w>.

### **'They're finally listening': Indigenous peoples play major role in new climate report**

The U.N. report said supporting Indigenous peoples and the knowledge they bring could help the world mitigate the climate change crisis. Read in USA TODAY:

### **Minnesota tribes signal support for sports betting push**

<https://www.startribune.com/minnesota-tribes-signal-support-for-sports-betting-push/600153833/>

## Scholarships (T) with April 1-15 Deadlines\

<a href="#">Teacher.org Inspire Our Future Scholarship</a>	\$500	04/01/2022
<a href="#">Telegraph Herald Scholastic Journalist Award</a>	\$1,000	04/01/2022
<a href="#">Tennessee Teaching Scholars Program</a>	Varies	04/15/2022
<a href="#">Texas Resident with Autism</a>	\$500	04/16/2022
<a href="#">Texas Women in Public Finance</a>	\$3,000	04/16/2022
<a href="#">The AIA Northeast Illinois Chapter Student Scholarship</a>	\$3,000	04/19/2022
<a href="#">The AIEF Graduate Scholarship Program</a>	\$2,000	04/04/2022
<a href="#">The AIEF Undergraduate Scholarship Program</a>	\$2,000	04/04/2022
<a href="#">The Anne Ford Scholarship</a>	\$10,000	04/05/2022
<a href="#">The Barbara J. Penny Community Service Scholarship</a>	\$1,500	04/01/2022
<a href="#">The Chief Petty Officer Scholarship Fund</a>	\$2,000	04/01/2022
<a href="#">The DeNise Scholarship Fund</a>	Varies	04/15/2022
<a href="#">The Desk and Derrick Educational Trust Scholarships</a>	Varies	04/01/2022
<a href="#">The Don &amp; Roy Splawn Charitable Foundation -West</a>	\$2,000	04/11/2022
<a href="#">The Dr. Roderick A. Scofield Scholarship in Meteorology</a>	\$1,000	04/05/2022
<a href="#">The Ebell/Flint Scholarship Program</a>	\$5,000	04/30/2022
<a href="#">The Ecolab Scholarship</a>	\$2,000	04/15/2022
<a href="#">The Edmund F. Maxwell Foundation</a>	\$20,000	04/30/2022
<a href="#">The Esperanza Education Fund Scholarship</a>	\$20,000	04/01/2022
<a href="#">The Esther Ngan-ling Chow and Mareyjoyce Green Scholarship</a>	\$18,000	04/01/2022
<a href="#">The Gloria Borges WunderGlo Foundation Scholarship in Memory of Jim Gainey</a>	Varies	04/15/2022
<a href="#">The Ike Foundation Scholarship</a>	\$3,000	04/01/2022
<a href="#">The Institute for Humane Studies Summer Fellow Program</a>	\$5,000	04/30/2022
<a href="#">The Jackie Spellman Scholarship</a>	\$10,000	04/15/2022
<a href="#">The Jewel Continuum Foundation</a>	\$500	04/25/2022
<a href="#">The Ken Reeves Memorial AccuWeather Undergraduate Scholarship in Meteorology</a>	\$1,000	04/05/2022
<a href="#">The Kress Foundation Interpretive Fellowships at Art Museums</a>	\$30,000	04/15/2022
<a href="#">The Kyle Robinson Memorial Scholarship</a>	\$5,000	04/15/2022
<a href="#">The Marie A. Calderilla Scholarship</a>	\$20,000	04/04/2022
<a href="#">The Maureen D. Keller Undergraduate Scholarship</a>	\$1,000	04/15/2022
<a href="#">The Melissa Stoneberger Foundation Scholarship</a>	\$5,000	04/10/2022



<a href="#">The Mitchell Scholarship</a>	\$10,000	04/01/2022
<a href="#">The New York State Grange Cornell Fund</a>	Varies	04/15/2022
<a href="#">The Next Swell Scholarship</a>	\$2,000	04/01/2022
<a href="#">The NWAf Broadcast Meteorology Scholarship</a>	\$1,000	04/05/2022
<a href="#">The Officer Collin Rose Memorial Foundation Scholarship</a>	\$1,000	04/01/2022
<a href="#">The Olivia Noel Rotondo Memorial Cheerleading Scholarship</a>	\$2,500	04/25/2022
<a href="#">The Olivia Noel Rotondo Memorial Dance Scholarship</a>	\$2,500	04/25/2022
<a href="#">The Robert and Joanne Koch Scholarship for Architecture</a>	\$1,000	04/30/2022
<a href="#">The Rose Bowl Game Keith Jackson Postgraduate Scholarship</a>	\$10,000	04/30/2022
<a href="#">The Salem Glen College Assistance Program</a>	\$2,500	04/30/2022
<a href="#">The Salvation Army Linden Scholarship</a>	Varies	04/16/2022
<a href="#">The Sara Scholarship</a>	\$8,000	04/30/2022
<a href="#">The Save Abandoned Babies Foundation Scholarship</a>	\$1,000	04/01/2022
<a href="#">The Scott and Kim Verplank Foundation Scholarships</a>	\$10,000	04/15/2022
<a href="#">The State Association of the Daughters of Pioneers of Washington Scholarship</a>	\$1,500	04/01/2022
<a href="#">The Tim DeWitt Harvest Education Foundation Scholarship</a>	\$1,250	04/08/2022
<a href="#">The Utility Arborist Nelsen Money Scholarship</a>	\$2,500	04/15/2022
<a href="#">The Vice Admiral Edwin B. Hooper Research Grants</a>	\$2,500	04/15/2022
<a href="#">The Virginia Budge Award for the Creative and Performing Arts</a>	\$500	04/16/2022
<a href="#">The Virginia W. Smith Scholarship</a>	\$2,500	04/30/2022
<a href="#">The Women's Empowerment Scholarship</a>	Varies	04/01/2022
<a href="#">Theodore Gordon Flyfishers, Inc. Founders Fund Scholarship</a>	Varies	04/05/2022
<a href="#">Timothy J. Penny State &amp; Federal Public Service Fellowship</a>	\$5,000	04/01/2022
<a href="#">TLMI Four-Year College Degree Scholarship Program</a>	\$5,000	04/10/2022
<a href="#">TLMI Two-Year Degree Scholarship Program</a>	\$1,000	04/01/2022
<a href="#">Toby Merrill Scholarship</a>	\$9,700	04/01/2022
<a href="#">TOCA Scholarship</a>	\$2,500	04/15/2022
<a href="#">Tom Coughlin Jay Fund Foundation Scholarship</a>	Varies	04/03/2022
<a href="#">Tom Tolen Educational Scholarship</a>	Varies	04/01/2022
<a href="#">Tom Tolen Educational Scholarships</a>	\$5,000	04/01/2022
<a href="#">Trampoline &amp; Tumbling Scholarship Program</a>	Varies	04/30/2022
<a href="#">Treasure Her Scholarships</a>	\$1,000	04/15/2022
<a href="#">Tryumph Foundation Scholarship</a>	Varies	04/30/2022
<a href="#">TSGC Columbia Crew Memorial Undergraduate Scholarships</a>	\$1,000	04/24/2022
<a href="#">Two Ten Higher Education Scholarship</a>	\$16,000	04/19/2022

## **American Climate Leadership Conference    March 28-31. Online**

The Infrastructure Bill, Build Back Better... where do we go from here? Get ready for four days of ground-breaking insights and opportunities for action with the brightest and most successful leaders working to mobilize a broader diversity of support for climate solutions locally, nationally and beyond.

**Engaging everyone, every day. Join us.**

As the latest [IPCC report](#) shows, we have precious little time to take action on climate. We all need to sprint as hard as we can on climate solutions now to minimize damage, restore nature and communities, and invest in ways that equitably bring health and prosperity to all Americans. America has the wherewithal to act, and ***your participation can help ensure it!***

The 11th annual **American Climate Leadership Summit 2022** (ACLS 2022) brings together world class speakers and diverse national and local leaders for four days of sharing and collaboration. It is the **only national convening exclusively dedicated to building broad public support and political resolve for climate action**. ACLS 2022 welcomes **climate leaders of all levels—particularly those who are new and active at the local level**. Join thousands of leaders like you who seek new connections and practical and immediately actionable guidance for engaging everyone, every day for just and equitable climate solutions.

<https://hopin.com/events/acls2022/registration>

*(Reasonably priced; interesting collection of speakers; NEEDS TRIBAL INPUT)*



### **Tanaka Fund - 2021 Year in Review and Going Forward**

Sometimes nature is cruel. Fortunately, we have not had a tough winter in South Dakota so far. However, the Buffalo Nation has been taking a hit, particularly in South Dakota this winter. A

very, very nasty virus called *Mycoplasma bovis* has been hitting some the buffalo herds rather hard. This virus is normally found in cattle, and in recent years has begun to show up in buffalo herds. Cattle have had centuries to build up an immunity to the disease, but buffalo have not. It looks much like pneumonia but can not be treated like pneumonia, and because buffalo do not appear to be sick until they are really sick, it is hard to tell when it hits a herd until the spread is quite wide. Buffalo become lethargic, thin and appear to look as if they can't breathe very well. It hits deep into the lung area where antibiotics can not seem to penetrate.

One elder said that it appears if the buffalo and Natives do have a similar fate, as the tribal nations still deal heavily with sickness and death from COVID; the buffalo are having issues the same with *Mycoplasma*. Some buffalo will recover, some will die, and some will have lasting effects from the disease.

Tanka Fund will collaborate with entities that are researching and educating about the disease. We are thankful for the National Bison Association, Center for Bison Excellence South Dakota State University, InterTribal Buffalo Council, and USDA for all the work that they are doing to find out more information and assist buffalo programs across the nation.

The Buffalo Nation has also taken a hit, as there was a great loss on the passing of a very fine young man from the Standing Rock Nation who has taken his journey. Will Cameron was the buffalo project manager of the Rock Creek District Buffalo Project. Tanka Fund was just beginning to work with Will on the project. We will dedicate in his memory, many things this year to keep his vision alive. Please consider in your prayers his family and friends. We will keep our donors, supporters and friends apprised of how we will remember him.

On a kinder and happier note, we are truly grateful for all the support and interest in Tanka Fund in 2021. We are in the mist of finalizing our "Support the Return" campaign report, but we are excited to say that we exceeded our goal of \$50,000 to almost \$85,000. We are so very thankful and happy. With generous donations from donors and foundations, we were able to support Native buffalo projects with over \$200,000 of funding in 2021. This was a split between 10 different projects, and we can say we have helped support approximately 100,000 acres and roughly 1500 head of buffalo so far.

We are finalizing a strategic plan that we help us get to our million-acre goal and 100,000+ head of buffalo within the next 10 years. This next year, we believe there will be at least three new buffalo projects that will be able to begin caretaking of buffalo. Many of the projects are in need of fencing, corral and water development and land acquisitions and leasing of lands. We have hired a director for Tanka Resilient Agriculture Company (TRAC) who will lead us in the working on financial and business planning, and we will soon be hiring a full-time technical assistance person. We are also going to hire a part-time GIS/GPS specialist that is working on conservation plans with the projects. This next year looks bright.

Tanka Fund and the Buffalo Nation are looking forward to spring in the Dakotas, and a great year of restoring buffalo to the land, lives and economy of Native people.



### 5 buffalo returned to Lipan Apache Lands

Five buffalo were returned to Lipan Apache lands in Texas through Tanka Fund's partnership with the Nature Conservancy, a program that has given 270 bison back to Indigenous nations throughout the country.

**From the article:**

“It feels like the prophecies of our ancestors are being fulfilled by the rematriation of our relatives and reconnecting with each other as Indigenous people here in Texas,” Contreras said. “It feels like answers to prayers.”

