

Journal #4972 from sdc 6.30.21

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"Reverse" solar still" keeps its cool to wring water from air
Space images show how terrible California drought is
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407 Native North American Indian - Old Photos

Christine Grace Davis Neusbaum, Northern Paiute, donation of bead work collection to Stewart.

Harry Williams

Marlin J Thompson



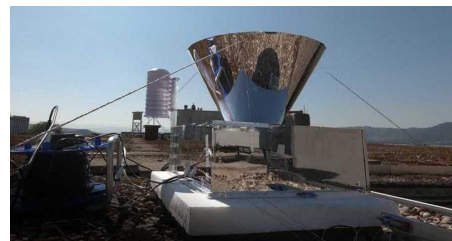


[bloomberg.com](https://www.bloomberg.com)

Building New Renewables Is Cheaper Than Burning Fossil Fuels

It's now cheaper to build and operate new large-scale wind or solar plants in nearly half the world than it would be to run an existing coal or gas-fired power plant.

Engineers have designed a new device that can wring drinking water out of the air, and it works day and night.



[newatlas.com](https://www.newatlas.com)

"Reverse solar still" keeps its cool to wring drinking water from air

Engineers at ETH Zurich have designed a new device that can wring drinking water out of the air. The system works day and night, and doesn't require any additional energy input, making it suited for use in remote or developing areas.

<https://www.youtube.com/watch?v=B6pLX446SCY>

Space images show how terrible California drought is

"Drought and heat are natural dance partners."

Read in Mashable: <https://apple.news/AJ3xtjKhfRS6PvmcXm0EDQ>

Why some biologists and ecologists think social media is a risk to humanity

One of the real challenges that we're facing is that we don't have a lot of information

Read in Vox: <https://apple.news/AswuTndx7Qlq-qbXKjkdMBw>

Cow masks? Cargill tries methane-absorbing wearable device

<http://strib.mn/3A1mKG8>



St. Paul's Cathedral here in Saskatoon.
Horrifically powerful message.





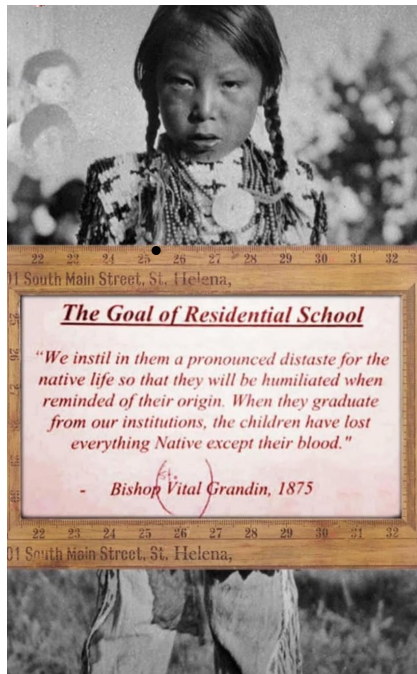
[Autumn Sun](#) is with [Fran Blaylock](#).

"In the darkness of a boarding school night, my mother said she could hear the other kids weeping for their parents. The children were forbidden to speak Lakota by the missionaries. So they spoke the language in their prayers. A thousand prayers from a thousand lonely hearts."

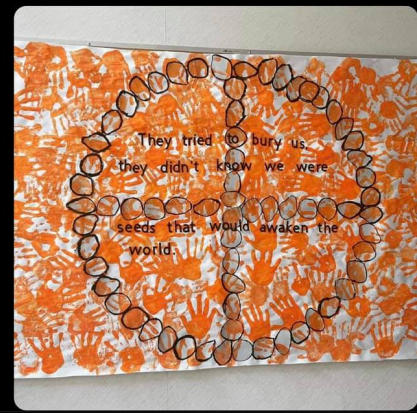


[Allison Joseph Bernard](#)

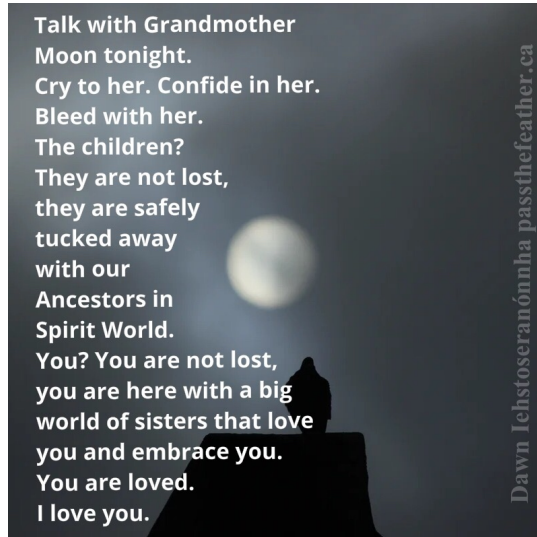
They found us. Baby's face in the clouds



This was created by the students at N'kwala School. ❤️ It reads, "They tried to bury us, they didn't know we were seeds that would awaken the world."



Billy Mills I have to tell you this story in light of the residential school scandals. I have a very dear friend whom I won't name (now deceased) who told Pat and me this: when he was 5 the government officials came to his home in Oklahoma and informed the family he would have to leave. Five years old, folks. Just look at your 5 year old grandson. Anyway, the officials told the family to take him out to the road (rural) and wait. The truck came by and picked him up and took him from his dear family to a residential school. The saddest part of this story is when he told us this story he was 75 years old and crying bitter tears as he talked. This man became an accomplished athlete and a man of God in later years. A forgiving man. A wonderful friend. This is just one child. Prayers for all.



nativenewsonline.net

[After Graves Were Discovered at Residential Schools in Canada, Catholic Churches are Burning Down](#)

At least 4 Catholic churches were destroyed on Indigenous land in a week

Canadian authorities are investigating multiple fires that destroyed four Catholic churches on Indigenous land in the past week.

Read in CNN: https://apple.news/ADhAAZyALQz2M_BfcK-9pCA

**GUESS WHAT?
THE USA HAS THE SAME
BLOOD ON THEIR HANDS
AS CANADA.**

**ONLY DIFFERENCE?
THEY HAVEN'T EVEN STARTED
TO DIG.**



@weshoyot

Same with “mental health” hospitals

With Discovery of Unmarked Graves, Canada's Indigenous Seek Reckoning

The discoveries of the remains of hundreds of First Nations children at the sites of boarding schools intended to separate them from indigenous language and culture are forcing Canadians to confront the brutality of the nation's history.

The Boston Massacre was 249 years ago today. The British gunned down five people. This is taught in every classroom

By comparison, American soldiers murdered over 400 Shoshone men, women, and children during the Civil War at the Bear River Massacre. This is not taught at all



To say nothing of the fact that the Treaty of Ruby Valley isn't even read in Nevada curriculum!

Explore Indian Country in Montana

<https://www.smithsonianmag.com/sponsored/montana-landscape-story-180974367/?no-cache>

Cente-quarium

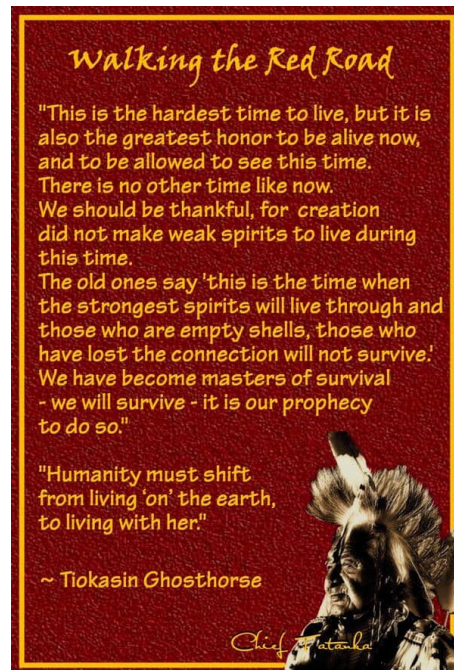
Paleontologists continue to amaze us with ancient oddities. Whether it's a teensy 100 million-year-old bird-like dinosaur/lizard entombed in amber, a 4 million-year-old woolly rhinoceros fossil buried in permafrost, or 30,000-year-old Rip Van Winkle viruses -- awakened and still infectious -- it's all pretty intriguing, if not a little terrifying.

A [study](#) just published in Current Biology uses "new scale analyses" to "reveal centenarian African coelacanths." In plain English, that means there's a giant weird nocturnal ocean-dwelling fish -- still in existence after 400 million years -- that scientists now know can individually live 100 years. These "living fossils" were thought to be extinct until some were found alive off the coast of Africa in 1938. Maybe Coelacanths live so long because they mature at such an achingly slow rate. Females don't hit sexual maturity until their late 50s, while males are sexually mature at 40 to 69 years. Pregnant females give birth to live offspring after a gestation period of (gasp) five years.

No surprise they're so critically endangered. It's thought that there are only about 500 coelacanths left on the planet, and scientists can only study specimens already caught and dead. Marine evolutionary ecologists at France's Marine Research Institute were the ones who figured out that using polarized light provided a far more [accurate process](#) by which to date these things, er, living fossils. (Current Biology, AP News)

Glaciers of Vancouver Island May Disappear

https://www.smithsonianmag.com/videos/category/science/the-glaciers-of-vancouver-island-may-disappear/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=20210628-daily-responsive&spMailingID=45219953&spUserID=OTc3OTM0MzQ3MzlwS0&spJobID=2027231541&spReportId=MjAyNzIzMTU0MQS2



U.S. Supreme Court sides with Alaska Natives in COVID-19 aid case

By JESSICA GRESKO | The Associated Press

WASHINGTON — The Supreme Court ruled Friday that hundreds of millions of dollars in coronavirus relief money tied up in court should benefit Alaska Natives rather than be spread more broadly among Native American tribes around the U.S.

The justices ruled 6-3 in the case, which involved the massive pandemic relief package passed last year and signed into law by then-President Donald Trump. The \$2.2 trillion legislation earmarked \$8 billion for “Tribal governments” to cover expenses related to the pandemic.

The question for the court was whether Alaska Native corporations, which are for-profit companies that provide benefits and social services to more than 100,000 Alaska Natives, count as “Indian tribes.” The high court answered yes.

“The Court today affirms what the Federal Government has maintained for almost half a century: ANCs are Indian tribes,” wrote Justice Sonia Sotomayor for a group of both liberal and conservative members of the court.

Sotomayor and Justice Neil Gorsuch, who dissented, duelled over language in the CARES Act, with Sotomayor at one point comparing it to a poorly constructed restaurant advertisement.

If the restaurant offers “50% off any meat, vegetable, or seafood dish, including ceviche, which is cooked,” the best reading of the advertisement, she said, is that “cooked” doesn’t apply to the ceviche, a raw fish dish, but that ceviche is still 50% off. A different reading would make the ceviche a “red herring,” she went on to say.

Gorsuch, who at an argument once revealed his preference for turmeric in his steak rub, called the example “a bit underdone.” He went on to cite two different newspaper stories about ceviche. He was joined in his dissent by justices Clarence Thomas and Elena Kagan.

The case is important not only because of the amount of money it involves but also because Native Americans and Alaska Natives have been disproportionately affected by the pandemic. Both the Trump and Biden administrations agreed that the corporations should be treated as Indian tribes and that doing differently would be a dramatic departure from the status quo.

The federal government had set aside approximately \$500 million for Alaska Native corporations under the Coronavirus Aid, Relief, and Economic Security Act.

But after the CARES Act was passed, three groups of Native American tribes sued to prevent payments to Alaska Native corporations. They argued that under the language of the law, only federally recognized tribes qualify for the aid and Alaska Native corporations do not because they are not sovereign governments, as tribes are.

In a statement after the ruling, Navajo Nation President Jonathan Nez said the coalition of tribes that brought the lawsuit was disappointed.

“This case was never about the funds. Instead, it was about upholding tribal sovereignty and the status of federally-recognized tribes,” he said, adding that the ruling “undermines federally-recognized tribes and will have consequences far beyond the allocation of CARES Act dollars.”

Part of the issue for the Supreme Court was that Alaska is unique. Unlike in the lower 48 states, Alaska Native tribes aren’t situated on reservations. Instead, Native land is owned by Alaska Native corporations created under a 1971 law. The for-profit corporations run oil, gas, mining and other enterprises. Alaska Natives own shares in the corporations, which provide a range of services from healthcare and elder care to educational support and housing assistance.

Associations representing Native corporations cheered the decision.

“We are pleased to see the Court affirm Alaska Native corporations’ eligibility for CARES Act funds to help our people and communities recover from the devastating effects of COVID-19. Alaska’s economy is only now starting to recover, and these funds are needed to help our communities get back on their feet,” the associations said.

Boom in Native American oil complicates Biden climate push

On oil well pads carved from the wheat fields around Lake Sakakawea, hundreds of pump jacks slowly bob to extract 100 million barrels of crude annually from a reservation shared by three Native American tribes.

<http://strib.mn/3daBvfS>



+407

[Native North American Indian - Old Photos](#) added 411 new photos to the album: **[Paiute](#)**

Also known as the Wada Tika, the Northern Paiute, the Moapa, the Numu, or the Southern Paiute, the Paiute homeland includes parts of California, Utah, Nevada and Arizona.

Stewart Indian School ·

We are excited to announce that **former Stewart student Christine Grace Davis Neusbaum, Northern Paiute, has donated her bead work collection to the Stewart Indian School Cultural Center & Museum.** Mrs. Neusbaum came to Stewart when she was 10 years old and stayed until 1939. Christine learned sewing and making dolls with the Wa-Pa-Shone sewing club at Pyramid Lake. Several of the beaded baskets and a cradle board from her collection are on beautiful work. display in the Storytelling Room. As soon as we reopen, please plan to come in and see this beautiful work.



**Harry Williams of Paya fame and from Bishop passed away yesterday (6.28).
(No further info)**

“You’ve got to have some true grit. Never take no for starters. If you have a goal, think positive and you’ll fulfill it.” John Ascuaga (RIP)

Marlin Thompson

January 4, 1955 – June 26, 2021



Memorial Services

YPT Gym

11AM

July 1, 2021

Traditional Cry Dance

Wednesday June 30, 2021

Sundown to Sunrise

YPT Commodity Food Building

