

**Weekly Science Report
August 26, 2016**

“We do not want riches, but we want to train our children right. Riches would do us no good. We could not take them with us to the other world. We do not want riches, we want peace and love.”

Red Cloud

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Introduction

Steve Detwiler created this publication with the support of Graham Hancock and John Anthony West to share news and information on various disciplines to include but not limited to paleontology, space sciences, genetics and archaeology. His goal behind sharing this publication has always been very simple, by sharing knowledge we can make our world a better place. This publication is Mr. Detwiler's contribution to bring people together and share ideas and discoveries with his fellow humans.

I hope you enjoy this publication and that the content challenges and inspires you!

Steve Detwiler

News Articles

Paleontology, Evolution and Prehistoric Studies

World's oldest needle found in Siberian cave that stitches together human history

<http://siberiantimes.com/science/casestudy/news/n0711-worlds-oldest-needle-found-in-siberian-cave-that-stitches-together-human-history/>

Ancient Australia: world's first nation of innovators

http://www.heritagedaily.com/2016/05/ancient-australia-worlds-first-nation-of-innovators/111213?utm_content=bufferaabc&utm_medium=social&utm_source=linkedin.com&utm_campaign=buffer

Tool or weapon? New research throws light on stone artifacts' use as ancient projectiles

http://www.eurekalert.org/pub_releases/2016-08/iu-tow081816.php

Why are we now? Researchers suggest life on Earth may be early in cosmic terms

<http://phys.org/news/2016-08-life-earth-early-cosmic-terms.html>

History

Meet the Geronimos: Descendants Talk About Living With the Legacy

<http://indiancountrytodaymedianetwork.com/2016/08/25/meet-geronimos-descendants-talk-about-living-legacy-165577>

Suppression of Mayan Astronomy

<http://indiancountrytodaymedianetwork.com/2016/08/24/suppression-mayan-astronomy-165527>

What controversies surround the Indus Valley Civilisation?

<http://herald.dawn.com/news/1153501/what-controversies-surround-the-indus-valley-civilisation>

Mysterious, Encrypted Medieval Manuscript Set To Be Published In Replica

http://www.npr.org/sections/thetwo-way/2016/08/23/491033798/mysterious-encrypted-medieval-manuscript-set-to-be-published-in-replica?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20160823

Ancient Maya Bloodletting Tools or Common Kitchen Knives? How Archaeologists Tell the Difference

<http://www.smithsonianmag.com/science-nature/ancient-maya-bloodletting-tools-or-kitchen-knives-how-archaeologists-tell-difference-1-180960232/>

How did the chicken, a shy, flight-impaired forest bird, migrate around the globe?

<https://www.theguardian.com/science/2016/aug/24/how-did-the-chicken-a-shy-forest-bird-migrate-around-the-globe-new-zealan>

New Thoughts on the Roman Invasion of Scotland

<http://www.archaeology.org/news/4793-160826-scotland-roman-invasion>

Archaeology

Digs uncover buildings in Cyprus' 11,000-year-old village

http://phys.org/news/2016-07-uncover-cyprus-year-old-village.html?utm_content=bufferb44e4&utm_medium=social&utm_source=linkedin.com&utm_campaign=buffer

Smithsonian, other agencies protect artifacts in Iraq, Syria

https://www.washingtonpost.com/news/powerpost/wp/2016/08/19/smithsonian-other-agencies-protect-artifacts-in-iraq-syria/?postshare=9361471620357834&tid=ss_tw

Myanmar earthquake: Images from Bagan historic sites

<http://www.bbc.com/news/world-asia-37183943>

Looted Art Helps Fund Jihadists in Europe

<http://www.wsj.com/articles/looted-art-helps-fund-jihadists-in-europe-1472164857>

Found: grave of Siberian noblewoman up to 4,500 years old - with links to native Americans

<http://siberiantimes.com/science/casestudy/features/f0252-found-grave-of-siberian-noblewoman-up-to-4500-years-old-with-links-to-native-americans/>

Relic Believed to Be Fragment of 'True Cross' Missing From Catholic Church

<https://www.yahoo.com/gma/relic-believed-fragment-true-cross-missing-catholic-church-105756874--abc-news-topstories.html#>

World's largest pyramid is hidden in a mountain in Mexico

<http://www.foxnews.com/science/2016/08/22/world-largest-pyramid-is-hidden-in-mountain-in-mexico.html>

Mystery stone structure under Neolithic dump on Orkney

<http://www.bbc.com/news/uk-scotland-north-east-orkney-shetland-37154410>

International Criminal Court brings a cultural vandal to justice

<http://www.pbs.org/newshour/bb/international-criminal-court-brings-cultural-vandal-justice/#.V7wUgwwKWm0.facebook>

Archaeologists have pieced together an ancient shaman's burial ritual

http://www.sciencealert.com/researchers-have-pieced-together-an-ancient-shaman-s-burial-ritual?utm_content=buffer49609&utm_medium=social&utm_source=linkedin.com&utm_campaign=buffer

One of the most significant Etruscan discoveries in decades names female goddess Uni

http://www.eurekalert.org/pub_releases/2016-08/smu-oot082416.php

Flooding Damages Rock Art in China

<http://www.archaeology.org/news/4795-160826-china-helan-mountain-floods>

Archeologists discover 4,200 yr-old rattle in central Turkey

<http://www.dailysabah.com/history/2016/08/26/archeologists-discover-4200-yr-old-rattle-in-central-turkey>

Monmouth excavation discovers 'New Stone Age logboat'

http://www.bbc.com/news/uk-wales-south-east-wales-37167370?intlink_from_url=http://www.bbc.com/news/topics/1b508152-6d1f-46d4-80b2-a2d670e5f660/archaeology&link_location=live-reporting-story

Humans Have Been Visiting Mount Rainier For More Than 9,000 Years. Why?

<http://www.seattleweekly.com/news/scientists-believe-humans-began-visiting-more-than-mount-rainier-9000-years-ago-what-were-they-doing-up-there/>

Egyptology

Ancient Egyptian tool found in Derbyshire wardrobe

<http://www.bbc.com/news/uk-england-derbyshire-37128788>

Burial chamber discovered in Asasif on Luxor's west bank

<http://english.ahram.org.eg/NewsContent/9/40/241662/Heritage/Ancient-Egypt/Burial-chamber-discovered-in-Asasif-on-Luxors-west.aspx>

General Science

Going beyond 3D printing to add a new dimension for additive manufacturing

<https://www.llnl.gov/news/going-beyond-3d-printing-add-new-dimension-additive-manufacturing>

Physics, Earth and Space Sciences

Scientists Built a 'Mini Black Hole' Out of Sound Waves

http://motherboard.vice.com/read/black-holes-hawking-radiation-discovery?utm_source=mbfb

Katherine Johnson, the NASA Mathematician Who Advanced Human Rights with a Slide Rule and Pencil

http://www.vanityfair.com/culture/2016/08/katherine-johnson-the-nasa-mathematician-who-advanced-human-rights?mbid=social_facebook

NASA just found a spacecraft that's been lost for two years

https://www.washingtonpost.com/news/speaking-of-science/wp/2016/08/23/nasa-just-found-a-spacecraft-thats-been-lost-for-two-years/?tid=sm_fb

China wants to build a manned radar station on the MOON: 'Lunatic' idea could improve our images of Earth

<http://www.dailymail.co.uk/sciencetech/article-3752944/China-wants-build-manned-radar-station-moon-Lunatic-idea-improve-monitoring-Earth-need-power-station.html>

Neighbouring star Proxima Centauri has Earth-sized planet

<http://www.bbc.com/news/science-environment-37167390>

Juno spacecraft completes close swing around Jupiter

<http://www.cbsnews.com/news/juno-spacecraft-completes-close-swing-around-jupiter/>

Nasa ends year-long Mars simulation on Hawaii

<http://www.bbc.com/news/world-us-canada-37211051>

Kepler's 'Alien Megastructure' Star Just Got Weirder

<http://www.seeker.com/alien-megastructure-star-just-got-even-weirder-1960906224.html>

Astronomers find a brown dwarf companion to a nearby debris disk host star

<http://phys.org/news/2016-08-astronomers-brown-dwarf-companion-nearby.html>

This Weird Galaxy Is 99.99 Percent Dark Matter

<http://www.scientificamerican.com/article/this-weird-galaxy-is-99-99-percent-dark-matter/>

China: the new space superpower

<https://www.theguardian.com/science/2016/aug/28/china-new-space-superpower-lunar-mars-missions>

Environment, Climate Change and Alternative Energy Sources

New Genetically Modified Rice Could Feed Billions

<http://futurism.com/new-genetically-modified-rice-could-feed-billions/>

Obama creates what could be the last large national park site on the East Coast, in Maine

https://www.washingtonpost.com/news/energy-environment/wp/2016/08/24/obama-creates-what-could-be-the-last-large-national-park-site-on-the-east-coast-in-maine/?tid=sm_fb&utm_term=.65d049c1532b

Arctic sea ice is vanishing far faster than anyone thought possible

http://finance.yahoo.com/news/arctic-sea-ice-vanishing-far-205717839.html?utm_content=buffer8f1bf&utm_medium=social&utm_source=facebook.com&utm_campaign=buffer

Here's How Sweden is Recycling 99% of its Waste

https://www.globalcitizen.org/en/content/sweden-garbage-waste-recycling-energy/?utm_source=facebook&utm_medium=social&utm_content=global&utm_campaign=action-journey-4&linkId=28043912

We must recommit to national parks, America's cathedrals

https://www.washingtonpost.com/opinions/we-must-recommit-to-national-parks-americas-cathedrals/2016/08/24/52e803ba-5b5a-11e6-831d-0324760ca856_story.html?utm_term=.fc9fa4f52686

This Tiny Device Could Provide Clean Water for 663 Million People

https://www.globalcitizen.org/en/content/tiny-water-purifier-clean-technology/?utm_source=twitter&utm_medium=social&utm_content=global&utm_campaign=general-content&linkId=27975518

Scientists solve puzzle of converting gaseous carbon dioxide to fuel

<http://phys.org/news/2016-08-scientists-puzzle-gaseous-carbon-dioxide.html>

Volcanic eruption masked acceleration in sea level rise

<http://phys.org/news/2016-08-volcanic-eruption-masked-sea.html>

Elon Musk's SolarCity to Build "Solar Shingles" For Your House

<http://www.popularmechanics.com/science/green-tech/a22482/solarcity-solar-shingles/>

Biological, Genetics and Medical Sciences

We are gods of the future – but what will we do?

<https://www.newscientist.com/article/mg23130880-500-we-are-gods-of-the-future-but-what-will-we-do/>

Lab-Grown Neurons Could Help Scientists Repair Damaged Brain Tissue

http://www.scientificamerican.com/products/axa-research-fund/lab-grown-neurons-could-help-scientists-repair-damaged-brain-tissue/?WT.mc_id=SA_Native_AXA_Vanderhaeghen_Web#!/

Other

Nothing to report

Additional Informational

Authorization for Monuments Men in Iraq and Syria

<http://chargedaffairs.org/authorization-for-monuments-men-in-iraq-and-syria/?platform=hootsuite>

Vote for your Heritage Hero

<https://social.shorthand.com/IUCN/uC9LJBceTe/vote-for-your-heritage-hero>

U.S. National Park Service: We're inviting you to our 100th birthday party!

<https://www.nps.gov/subjects/centennial/birthday-invitation.htm>

U.S. Committee of the Blue Shield President's Report

<http://us9.campaign-archive1.com/?u=8027be0562c645354975c1451&id=6274f6c8a5>

8 Things You Should Know About WWII's Eastern Front

http://www.history.com/news/history-lists/8-things-you-should-know-about-wwiis-eastern-front?cmpid=Social_FBPAGE_HISTORY_20160823_551769805&linkId=27960337

What Did Americans Know about the Holocaust?

<https://engage.ushmm.org/2016-history->

[unfolded.html?mkt_tok=eyJpIjoiTURNNFpHUTJPRFJsWIRkaCIsInQiOiJ5Q1lrQUxsR2haRTdBcjRCall5T2tHRFF6Y0FUd3ZldFwvSGJ4UFdxeTd0SVhYNUlzelFXK01jcTM3XC9QK0JhcTV6RFIwSUxmblwvXC90R2FWVENMVStCTVhvVnVqNVVxdnRVNVFnTERpSXE2RiQ9In0%3D](https://engage.ushmm.org/2016-history-unfolded.html?mkt_tok=eyJpIjoiTURNNFpHUTJPRFJsWIRkaCIsInQiOiJ5Q1lrQUxsR2haRTdBcjRCall5T2tHRFF6Y0FUd3ZldFwvSGJ4UFdxeTd0SVhYNUlzelFXK01jcTM3XC9QK0JhcTV6RFIwSUxmblwvXC90R2FWVENMVStCTVhvVnVqNVVxdnRVNVFnTERpSXE2RiQ9In0%3D)