

**Weekly Science Report
August 12, 2016**

“To the people of antiquity Egypt appeared as the very mother of magic”.
Lewis Spence

Table of Contents

| | |
|--|-----------|
| Introduction | 2 |
| News Articles | 3 |
| Paleontology, Evolution and Prehistoric Studies | 3 |
| History | 4 |
| Archaeology | 5 |
| Egyptology..... | 6 |
| General Science..... | 7 |
| Physics, Earth and Space Sciences..... | 8 |
| Environment, Climate Change and Alternative Energy Sources | 9 |
| Biological, Genetics and Medical Sciences | 10 |
| Other..... | 11 |
| Additional Informational | 12 |

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

Vero's very significant past, unearthed

<http://www.tcpalm.com/specialty-publications/vero-beach/veros-very-significant-past-unearthed-37721874-c56e-1582-e053-0100007f320c--389465371.html>

Reconstruction of 12,000 year old funeral feast brings ancient burial rituals to life

http://www.heritagedaily.com/2016/07/reconstruction-of-12000-year-old-funeral-feast-brings-ancient-burial-rituals-to-life/111923?utm_content=bufferce9ec&utm_medium=social&utm_source=linkedin.com&utm_campaign=buffer

First Humans Entered the Americas Along the Coast, Not Through the Ice

http://www.smithsonianmag.com/smart-news/humans-colonized-americas-along-coast-not-through-ice-180960103/?utm_source=facebook.com&no-ist

'Siberian Unicorn' Existed Much More Recently Than Thought

<http://www.seeker.com/siberian-unicorn-existed-much-more-recently-than-thought-1771116176.html>

'Mystery Monster' Found in Siberian Mine

<http://www.seeker.com/mystery-monster-found-in-siberian-diamond-mine-1966957258.html>

Twenty-five little bones tell a puzzling story about early primate evolution

http://www.eurekalert.org/pub_releases/2016-08/jhm-tlb081516.php

Britain's last hunter-gatherers discovered using breakthrough analysis of bone fragments

http://www.eurekalert.org/pub_releases/2016-08/uoy-blh081116.php

More gorilla than chimp

http://www.eurekalert.org/pub_releases/2016-08/uotw-mgt081116.php

Scientists take big step toward recreating primordial 'RNA world' of 4 billion years ago

<http://phys.org/news/2016-08-scientists-big-recreating-primordial-rna.html>

Humble moss helped create our oxygen-rich atmosphere

<http://phys.org/news/2016-08-humble-moss-oxygen-rich-atmosphere.html>

Residue on 250,000 year-old stone tools reveals wide range of prey

<http://www.pasthorizonspr.com/index.php/archives/08/2016/residue-on-250000-year-old-stone-tools-reveals-wide-range-of-prey>

History

Wounded Knee Descendent Remembers Family's Past

<http://indiancountrytodaymedianetwork.com/2013/12/29/native-history-wounded-knee-descendent-remembers-familys-past-152839>

'A small group of tribal artists set out to save their art form, and they did'

<http://www.pressherald.com/2016/08/07/989192/>

Yarrow Mamout, a freed Muslim slave, takes his place among presidents and generals at National Portrait Gallery

<https://www.washingtonpost.com/news/arts-and-entertainment/wp/2016/08/11/yarrow-mamout-a-freed-muslim-slave-takes-his-place-among-presidents-and-generals-at-national-portrait-gallery/>

Rewriting history: 3000-yr-old script uncovered in Georgia

<http://agenda.ge/news/62578/eng>

Mystery magic spells unearthed with ancient skeletons in Serbia

<http://uk.reuters.com/article/uk-serbia-archaeology-magic-idUKKCN10K13L>

See a Tropical Island Prison Older Than Alcatraz

<http://www.seeker.com/the-tropical-island-prison-older-than-alcatraz-1501525632.html>

The Solar Storm That Nearly Set the Cold War Ablaze

<http://www.smithsonianmag.com/science-nature/solar-storm-nearly-set-cold-war-ablaze-180960106/>

The Media Learned Nothing After Misreporting the Reagan Assassination Attempt

<http://www.smithsonianmag.com/history/media-learned-nothing-after-misreporting-reagan-assassination-attempt-180960091/>

Skeletal remains 'confirm ancient Greeks engaged in human sacrifice'

<https://www.theguardian.com/science/2016/aug/10/skeletal-remains-confirm-ancient-greeks-engaged-in-human-sacrifice>

The First US Olympian to Wear a Hijab Wins a Bronze

https://www.globalcitizen.org/en/content/ibtihaj-muhammad-rio-olympics-muslim-fencing/?utm_source=facebook&utm_medium=social&utm_content=global&utm_campaign=general-content&linkId=27691206

Archaeology

Researchers create new 3-D imagery and documentation of Native American artifacts

<http://phys.org/news/2016-07-d-imagery-documentation-native-american.html#iCp>

Ancient burial mound reveals role of women in "America's 1st city"

<http://www.cbsnews.com/news/women-held-important-role-in-americas-1st-city-burial-mound-reveals/>

A grimy, black biofilm is starting to cover the Jefferson Memorial, and it can't be killed

https://www.washingtonpost.com/local/the-grimy-black-biofilm-thats-creeping-over-the-jefferson-memorial/2016/08/09/33be9040-5d70-11e6-9d2f-b1a3564181a1_story.html?tid=sm_fb

Texan Couple on Vacation Accidentally Discovers Ancient Hawaiian Petroglyphs

<https://news.artnet.com/art-world/ancient-hawaiian-petroglyphs-discovered-600500>

Tiny bead from Bulgaria may be world's oldest gold artifact

<http://www.reuters.com/article/us-bulgaria-archaeology-gold-idUSKCN10L0YQ>

Bizarre, Long-Headed Woman from Ancient Kingdom Revealed

http://www.livescience.com/55137-ancient-woman-with-long-head-korea.html?utm_content=buffer74e3f&utm_medium=social&utm_source=linkedin.com&utm_campaign=buffer

'New Stonehenge' at Durrington Walls 'had no standing stones'

<http://www.bbc.com/news/uk-england-wiltshire-37047010>

Religious center of Hittites comes to light

<http://www.hurriyetdailynews.com/religious-center-of-hittites-comes-to-light-.aspx?pageID=238&nid=102780>

Ancient remains found in Los Olivos

<http://www.peruthisweek.com/news-ancient-remains-found-in-olivos-110146>

Polynesian sculpture admired by Picasso and Henry Moore far older than previously thought

<http://theartnewspaper.com/news/news/polynesian-sculpture-admired-by-picasso-and-henry-moore-far-older-than-previously-thought/>

Egyptology

Nothing to report

General Science

Researchers demonstrate acoustic levitation of a large sphere

<http://phys.org/news/2016-08-acoustic-levitation-large-sphere.html>

Physics, Earth and Space Sciences

NASA Unveils Partnerships And Concept Art For Deep Space Habitats

<http://www.popsci.com/nasa-unveils-partnerships-and-concept-art-for-deep-space-habitats?src=SOC&dom=fb>

Mystery object in weird orbit beyond Neptune cannot be explained

https://www.newscientist.com/article/2100700-mystery-object-in-weird-orbit-beyond-neptune-cannot-be-explained/?utm_medium=Social&utm_campaign=Echobox&utm_source=Facebook&utm_term=Autofeed&cmpid=SOC%7cNSNS%7c2016-Echobox

US Air Force wants to plasma bomb the sky using tiny satellites

https://www.newscientist.com/article/2100382-us-air-force-wants-to-plasma-bomb-the-sky-using-tiny-satellites/?utm_medium=Social&utm_campaign=Echobox&utm_source=Facebook&utm_term=Autofeed&cmpid=SOC%7cNSNS%7c2016-Echobox

Martians might be real. That makes Mars exploration way more complicated

http://www.wired.com/2016/08/shouldnt-go-mars-might-decimate-martians/?mbid=nl_8816_p3

Physicists confirm possible discovery of fifth force of nature

<http://phys.org/news/2016-08-physicists-discovery-nature.html>

Van Allen probes catch rare glimpse of supercharged radiation belt

<http://phys.org/news/2016-08-van-allen-probes-rare-glimpse.html>

World's oldest ocean crust dates back to ancient supercontinent

<https://www.newscientist.com/article/2100988-worlds-oldest-ocean-crust-dates-back-to-ancient-supercontinent/>

Morphing neutrinos provide clue to antimatter mystery

<http://www.scientificamerican.com/article/morphing-neutrinos-provide-clue-to-antimatter-mystery/>

Hellish Venus Might Have Been Habitable for Billions of Years

<http://www.scientificamerican.com/article/hellish-venus-might-have-been-habitable-for-billions-of-years/>

NASA Wants Help Capturing A Piece Of Asteroid

<http://www.popsci.com/nasas-wants-help-capturing-piece-asteroid>

Black hole made in the lab shows signs of quantum entanglement

https://www.newscientist.com/article/2100985-black-hole-made-in-the-lab-shows-signs-of-quantum-entanglement/?utm_medium=Social&utm_campaign=Echobox&utm_source=Facebook&utm_term=Autofeed&cmpid=SOC%7cNSNS%7c2016-Echobox#link_time=1471277663

Environment, Climate Change and Alternative Energy Sources

We're trashing the oceans — and they're returning the favor by making us sick

https://www.washingtonpost.com/news/energy-environment/wp/2016/08/08/were-trashing-the-oceans-and-making-ourselves-sick-in-the-process/?utm_term=.311b2b3b365a

A new leaf: Scientists turn carbon dioxide back into fuel

<http://www.anl.gov/articles/new-leaf-scientists-turn-carbon-dioxide-back-fuel>

Simulations suggest that magnetic fields can calm plasma instabilities

<http://phys.org/news/2016-08-simulations-magnetic-fields-calm-plasma.html>

Tiny device grabs more solar energy to disinfect water faster

<http://phys.org/news/2016-08-tiny-device-solar-energy-disinfect.html>

Warming climate likely to have 'minor' impact on power plant output

<http://phys.org/news/2016-08-climate-minor-impact-power-output.html>

Fishing And Foraging: How To Catch Your Seafood, Ethically

<http://www.npr.org/sections/thesalt/2016/08/15/489178305/fishing-and-foraging-how-to-catch-your-seafood-ethically>

Biological, Genetics and Medical Sciences

400-year-old Greenland shark 'longest-living vertebrate'

<http://www.bbc.com/news/science-environment-37047168>

"Vegetarian piranhas" with human-like teeth found in Michigan lakes

<http://www.cbsnews.com/news/vegetarian-piranhas-with-human-like-teeth-found-in-michigan-lakes/>

Brain-robot training triggers improvement in paralysis

<http://www.bbc.com/news/science-environment-37024197>

Researchers discover that DNA naturally fluoresces

<http://phys.org/news/2016-08-dna-naturally-fluoresces.html>

Other

Librarians Have an Olympics, Too

http://www.smithsonianmag.com/smart-news/librarians-have-olympics-too-180960085/?utm_source=facebook.com&no-ist

The 7 biggest problems facing science, according to 270 scientists

<http://www.vox.com/2016/7/14/12016710/science-challenges-research-funding-peer-review-process>

Additional Informational

Robert Schoch - the melted limestone at the Giza plateau- Video

<https://www.youtube.com/watch?v=fDh9mTrtbK4>

Fundamentals of Genocide and Mass Atrocity Prevention

<https://www.ushmm.org/confront-genocide/take-action-against-genocide/resources/fundamentals-of-genocide-and-mass-atrocity-prevention>

Read the encouraging letter the Pope sent Olympic Refugee Team

<http://ftw.usatoday.com/2016/08/pope-refugee-team>

Aurora Prize for Awakening Humanity

<https://auraprize.com/en/prize>