

**Weekly Science Report
August 4, 2017**

“The world is a book, and those who do not travel read only a page.”
Saint Augustine

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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

Controversial New Theory Suggests Life Wasn't a Fluke of Biology—It Was Physics

https://www.wired.com/story/controversial-new-theory-suggests-life-wasnt-a-fluke-of-biologyit-was-physics/?mbid=nl_73117_p2&CNDID=41291302

How to slam dunk creationists when it comes to the theory of evolution

https://theconversation.com/how-to-slam-dunk-creationists-when-it-comes-to-the-theory-of-evolution-81581?utm_source=facebook&utm_medium=facebookbutton

What Did the Ancestor of All Flowers Look Like?

<http://www.smithsonianmag.com/smart-news/ancestor-all-flowers-looks-remarkably-familiar-180964295/#P72W9x6k6IRmff02.01>

How One Brave Spider Floated Thousands of Miles to Colonize a New Continent

<http://www.smithsonianmag.com/science-nature/how-one-spider-floated-thousands-miles-colonize-new-continent-180964299/#z2v6fWYcqLc1K0FD.01>

Is this stunning bracelet made by Paleolithic man for his favorite woman really 70,000 years old?

<http://siberiantimes.com/science/casestudy/features/could-this-stunning-bracelet-be-65000-to-70000-years-old/>

Evidence that ancient farms had very different origins than previously thought

<https://arstechnica.com/science/2017/08/evidence-that-humans-had-farms-30000-years-earlier-than-previously-thought/>

History

Remembering the Roma victims of the Holocaust

<http://www.aljazeera.com/indepth/opinion/2017/07/remembering-roma-victims-holocaust-170728114822470.html>

A Newly Discovered Diary Tells the Harrowing Story of the Deadly Halifax Explosion

<http://www.smithsonianmag.com/history/newly-discovered-diary-tells-harrowing-story-deadly-halifax-explosion-180964066/>

SULTANS OF SPRING

<http://worldif.economist.com/article/13528/sultans-spring>

Japan marks 72 years since Hiroshima atomic bomb

<https://www.yahoo.com/news/japan-marks-72-years-since-hiroshima-atomic-bomb-044335715.html>

The Truth About the Wounded Knee Massacre

https://indiancountrymedianetwork.com/history/events/the-truth-about-the-wounded-knee-massacre/?utm_content=buffer5eb37&utm_medium=social&utm_source=facebook.com&utm_campaign=buffer

BEHIND THE PAGES OF THE WORLD'S MOST FAMOUS DIARY

<http://www.jpost.com/Metro/Behind-the-pages-498958>

Medieval Manuscripts Are a DNA Smorgasbord

<http://www.smithsonianmag.com/smart-news/medieval-manuscripts-are-dna-smorgasbord-180964252/#pHLspWuJ2uBS2tDZ.01>

In the Marshlands, 'Another Face of Iraq'

<https://mobile.nytimes.com/blogs/lens/2017/06/29/in-the-marshlands-another-face-of-iraq/?referer=http%3A%2F%2Fm.facebook.com>

Attention Art Historians and Dealers: 100 years worth of Impressionist Archives Will Soon Be Available Online

<https://news.artnet.com/art-world/wildenstein-institute-archives-online-1033514>

Why the lack of Indian and African faces in Dunkirk matters

https://www.theguardian.com/commentisfree/2017/aug/01/indian-african-dunkirk-history-whitewash-attitudes?CMP=fb_qu

WORLD WAR II DOCUMENTS FROM ARGENTINA COULD SHED NEW LIGHT ON NAZI GERMANY AND HOLOCAUST

<HTTP://WWW.NEWSWEEK.COM/WORLD-WAR-II-DOCUMENTS-ARGENTINA-COULD-SHED-NEW-LIGHT-NAZI-GERMANY-AND-644378?SF102761575=1>

A 40-Year Mystery Ends: Teenager Was Killer's 24th Victim

<http://www.msn.com/en-us/news/crime/a-40-year-mystery-ends-teenager-was-killer%E2%80%99s-24th-victim/ar-AApg8w0?li=BBnb7Kz&ocid=SL5FDHP>

It turns out 'Raiders of the Lost Ark' wasn't so far off about the Nazis

https://www.washingtonpost.com/entertainment/books/it-turns-out-raiders-of-the-lost-ark-wasnt-so-far-off-about-the-nazis/2017/08/01/d22f640e-75f5-11e7-8f39-eeb7d3a2d304_story.html?utm_term=.d48ac0403b67

Gender, Race, and Rape during the Civil War

<https://www.theatlantic.com/health/archive/2014/02/gender-race-and-rape-during-the-civil-war/283754/>

White House Distances Itself From The Poem On The Statue Of Liberty

http://www.huffingtonpost.com/entry/stephen-miller-statue-of-liberty_us_5982281fe4b00f0084adcd0e?utm_campaign=hp_fb_pages&utm_source=main_fb&utm_medium=facebook&ncid=fbklnkushpmg00000063

Annapolis Looks to Keep Its History Above Water

<http://www.routefifty.com/smart-cities/2017/07/annapolis-maryland-rising-sea-levels/139835/>

In Devastated Areas, Modern Technology Helps Track Ancient Treasures

https://www.usnews.com/news/national-news/articles/2017-07-31/in-devastated-areas-modern-technology-helps-track-ancient-treasures?src=usn_tw

On the Trail of Books Stolen by the Nazis

<https://www.wsj.com/articles/on-the-trail-of-books-stolen-by-the-nazis-1501687602>

The Greeks really do have near-mythical origins, ancient DNA reveals

<http://www.sciencemag.org/news/2017/08/greeks-really-do-have-near-mythical-origins-ancient-dna-reveals>

I Am Taíno: Exploring the Indigenous Roots Throughout the Caribbean

https://indiancountrymedianetwork.com/news/indigenous-peoples/i-am-tano-exploring-the-indigenous-roots-throughout-the-caribbean/?utm_content=bufferdd6c9&utm_medium=social&utm_source=facebook.com&utm_campaign=buffer

Archaeology

Author Makes the Case for Florida's Springs as Archaeological Anchor

<http://news.wgcu.org/post/author-makes-case-floridas-springs-archaeological-anchor>

Archaeological find in Jerusalem 'proves Bible passage is historically true'

<https://au.news.yahoo.com/a/36618776/archaeological-find-in-jerusalem-proves-bible-passage-true/#page1>

The Great Pyramid of Giza is hiding mysterious chambers that could be about to reveal their secrets

<https://www.thesun.co.uk/tech/4169404/the-great-pyramid-of-giza-is-hiding-mysterious-chambers-which-could-be-about-to-reveal-their-secrets/>

Nepal woodcarvers inspired to restore quake-toppled temples

<http://abcnews.go.com/International/wireStory/quake-destruction-nepal-temples-boon-woodcarvers-48902357>

Secrets of ancient Irish funeral practices revealed

<https://phys.org/news/2017-08-secrets-ancient-irish-funeral-revealed.html>

At Bears Ears in Utah, Heated Politics and Precious Ruins

<https://www.nytimes.com/2017/07/25/travel/bears-ears-utah-politics-trump-national-monument.html>

Ancient statue unearthed at Cambodia's Angkor complex

<http://www.msn.com/en-us/news/world/ancient-statue-unearthed-at-cambodias-angkor-complex/ar-AApebb5?li=BBnbfcL&ocid=SL5FDHP>

Body Found in River Could Be Missing Treasure Hunter

<http://www.msn.com/en-us/news/us/body-found-in-river-could-be-missing-treasure-hunter/ar-AApboHL?li=BBnb7Kz&ocid=SL5FDHP>

Israeli Authorities Arrest Antiquities Dealers In Connection With Hobby Lobby Scandal

http://www.npr.org/sections/parallels/2017/07/31/540579261/israeli-authorities-arrest-antiquities-dealers-in-connection-with-hobby-lobby-sc?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20170731

The story of St. Louis' beginnings becomes more complicated with new archaeological findings

<http://news.stlpublicradio.org/post/story-st-louis-beginnings-becomes-more-complicated-new-archaeological-findings#stream/0>

Ancient Vase Seized From Met Museum on Suspicion It Was Looted

<https://mobile.nytimes.com/2017/07/31/arts/design/ancient-vase-seized-from-met-museum-on-suspicion-it-was-looted.html?action=click&module=Latest&pgtype=Homepage>

The Fight To Save Ancient Hawaiian Archeological Sites

<http://www.civilbeat.org/2017/07/the-fight-to-save-ancient-hawaiian-archeological-sites/>

Zinke dog and pony show went as expected

<http://www.lcsun-news.com/story/opinion/columnists/2017/07/30/zinke-dog-and-pony-show-went-expected/523570001/>

Dig Uncovers Artifacts From One of "Europe's Lost People"

<http://www.smithsonianmag.com/smart-news/dig-finds-new-artifacts-europes-lost-people-180964289/#wuZhTlq2Lqw5UkyW.01>

Human Artifacts Found at 46 Ancient Lakes in the Arabian Desert

<http://www.smithsonianmag.com/smart-news/human-artifacts-found-46-ancient-lakes-arabian-desert-180964303/#13S7b33viXUsXtRf.01>

Iraq eager to get back antiquities smuggled to US

<http://www.al-monitor.com/pulse/originals/2017/08/hobby-lobby-iraq-artifacts-us-smugglers.html#ixzz4olSTssuf>

Egyptology

Are Children Being Exploited to Loot Millions of Dollars Worth of Egyptian Artifacts?

<http://m.cairoscene.com/BusinessAndPolitics/Are-Children-Being-Exploited-to-Loot-Millions-of-Dollars-Worth-Egyptian-Artifact>

General Science

New camera designed by Stanford researchers could improve robot vision and virtual reality
<http://news.stanford.edu/2017/07/21/new-camera-improve-robot-vision-virtual-reality/#>

A Pod Races Through the Hyperloop for the First Time Ever
https://www.wired.com/story/hyperloop-one-test-pod-video/?mbid=nl_8217_p3&CNDID=41291302

Facebook shuts down robots after they invent their own language
<http://www.msn.com/en-us/money/technology/facebook-shuts-down-robots-after-they-invent-their-own-language/ar-AApeJzt?i=BBnbfcl&ocid=SL5FDHP>

Physics, Earth and Space Sciences

Why looking for aliens is good for society (even if there aren't any)

https://theconversation.com/why-looking-for-aliens-is-good-for-society-even-if-there-arent-any-80700?utm_source=facebook&utm_medium=facebookbutton

You Could Be NASA's New Planetary Protection Officer

<http://www.abcactionnews.com/newsy/you-could-be-nasas-new-planetary-protection-officer>

The Space Junk Problem Is About to Get a Whole Lot Gnarlier

https://www.wired.com/story/the-space-junk-problem-is-about-to-get-a-whole-lot-gnarlier/?mbid=nl_8117_p7&CNDID=41291302

Authorities are Treating August's Solar Eclipse, a First in 99 Years, Like it's the End of the World

<http://www.newsweek.com/solar-eclipse-space-national-disaster-solar-eclipse-prep-643766>

Meet the Woman Trying to Prepare Your Town for the Total Eclipse

https://www.wired.com/story/meet-the-woman-trying-to-prepare-your-town-for-the-total-eclipse/?mbid=nl_8417_p1&CNDID=41291302

NASA Unleashes Two Vintage Warplanes to Chase the Eclipse

https://www.wired.com/story/nasa-unleashes-two-vintage-warplanes-to-chase-the-eclipse?mbid=nl_8217_p2&CNDID=41291302

ALMA Confirms Complex Chemistry in Titan's Atmosphere

<https://public.nrao.edu/news/2017-alma-chemistry-titan/>

SPIRITUAL SPACE: John Herrington took his Native American roots to infinity and beyond

<https://www.inlander.com/spokane/spiritual-space/Content?oid=4929677>

Rare artifact stolen from Neil Armstrong Air and Space Museum

<http://nbc24.com/news/local/rare-artifact-stolen-from-neil-armstrong-air-and-space-museum>

Voyager spacecraft still reaching for the stars and setting records after 40 years

<https://phys.org/news/2017-08-voyager-spacecraft-stars-years.html>

Hubble Detects Exoplanet with Glowing Water Atmosphere

<https://www.jpl.nasa.gov/news/news.php?feature=6909#.WYMPnGcj8DI.facebook>

From Family Snapshots To NASA Photos, Archivists Aim To Solve Preservation Puzzles

http://www.npr.org/sections/alltechconsidered/2017/08/02/540914751/from-family-snapshots-to-nasa-photos-archivists-aim-to-solve-preservation-puzzle?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20170802

The Loyal Engineers Steering NASA's Voyager Probes Across the Universe

<https://www.nytimes.com/2017/08/03/magazine/the-loyal-engineers-steering-nasas-voyager-probes-across-the-universe.html>

This Pilot Is Headed To Space With Or Without NASA

http://www.npr.org/2017/08/04/541415269/this-pilot-is-headed-to-space-with-or-without-nasa?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20170804

Environment, Climate Change and Alternative Energy Sources

Icebreaker sets record for earliest transit of the Northwest Passage

<http://www.cbsnews.com/news/icebreaker-sets-record-for-earliest-transit-of-the-northwest-passage/?ftag=CNM-00-10aab6a&linkId=40353933>

Australia's shortage of climate scientists puts country at serious risk, report find

<https://www.theguardian.com/environment/2017/aug/03/australias-shortage-of-climate-scientists-puts-country-at-serious-risk-report-find>

How The Dream Of America's 'Nuclear Renaissance' Fizzled

http://www.npr.org/2017/08/06/541582729/how-the-dream-of-americas-nuclear-renaissance-failed-to-materialize?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=npr-news&utm_content=20170806

EPA ordered to enforce Obama-era methane pollution rule

<http://www.cnn.com/2017/07/31/politics/dc-circuit-epa-methane-rule/>

How to Plant a Tree in the Desert

http://www.newyorker.com/business/currency/how-to-plant-a-tree-in-the-desert?mbid=social_facebook_aud_dev_kw_paid-how-to-plant-a-tree-in-the-desert&kwp_0=472099&kwp_4=1738030&kwp_1=743485

Navajo Tribal Utility Authority opens first large-scale solar farm

<http://www.daily-times.com/story/news/local/four-corners/2017/07/30/navajo-tribal-utility-authority-opens-first-large-scale-solar-farm/493090001/>

Biological, Genetics and Medical Sciences

Gene editing fixes harmful mutation in human embryos

http://www.cbsnews.com/news/gene-editing-crispr-fixes-dangerous-mutation-in-human-embryos/?ftag=COS-05-10aaa0h&utm_campaign=trueAnthem%3A+Trending+Content&utm_content=5982f94919694a000720bcbd&utm_medium=trueAnthem&utm_source=facebook

Other

US Scientists, *Please* Run for Office. The Planet Needs You

https://www.wired.com/story/us-scientists-please-run-for-office-the-planet-needs-you/?mbid=nl_8117_p10&CNDID=41291302

Rhode Island just made community college free

<http://money.cnn.com/2017/08/03/pf/college/rhode-island-tuition-free-college/index.html?sr=twCNN080317college0617PMStory>

The Art of Mending Ceramics

https://creators.vice.com/en_us/article/8qv3jz/mending-ceramics-conservation-lab

Allegheny County leads the state in reports of UFOs and Bigfoots

http://www.post-gazette.com/local/region/2017/07/31/bigfoot-ufo-paranormal-sightings-kecksburg-allegheny-county-cryptids-thunderbirds-pittsburgh/stories/201707310058?utm_campaign=Echobox&utm_medium=Social&utm_source=Facebook#link_time=1501479012

Meet The CW's New Muslim-American Superhero

https://www.buzzfeed.com/jarettwiesel/man/meet-the-cws-new-muslim-american-superhero?utm_term=.wgoqJdybm#.ttvR9V0oO

Meet the youngest female commander of a Boeing 777

<http://www.cnn.com/travel/article/boeing-777-youngest-female-commander/index.html?sr=fbCNNi080217undefined0744PMStoryLink>

Additional Informational

John Anthony West Crowdfund Campaign
<https://fundly.com/john-anthony-west-project>

TED Talks, Regrowing the human body Playlist
https://www.ted.com/playlists/517/regrowing_the_human_body

UNESCO Courier
<http://en.unesco.org/courier>

TED Talk, How Women wage Conflict without Violence
https://www.ted.com/talks/julia_bacha_how_women_wage_conflict_without_violence?utm_campaign=social&utm_medium=referral&utm_source=t.co&utm_content=talk&utm_term=global-social%20issues

Hitler's Monsters: A Supernatural History of the Third Reich
https://www.amazon.com/dp/B071PBGSS5?ref=cm_sw_r_kb_dp_JVpGzbKT3528H&tag=thewaspos09-20&linkCode=kpe

Send a #MessageToVoyager!
<https://www.jpl.nasa.gov/voyager/message/?linkId=40511444>

New Frontiers and Extreme Environments: BARDA and NASA Join Forces to Better Protect Astronauts from Solar Particle Events and Cosmic Radiation
<https://www.phe.gov/ASPRBlog/pages/BlogArticlePage.aspx?PostID=273>