

Weekly Science Report
March 3, 2017

"Every son of Adam makes mistakes, and the best of those who make mistakes are those who repent."

Prophet Muhammad

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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

The Secret of the Dinosaur Death Pose

<https://blogs.scientificamerican.com/laelaps/the-secret-of-the-dinosaur-death-pose/>

Newfound 3.77-billion-year-old fossils could be earliest evidence of life on Earth

https://www.washingtonpost.com/news/speaking-of-science/wp/2017/03/01/newfound-3-77-billion-year-old-fossils-could-be-earliest-evidence-of-life-on-earth/?tid=sm_fb&utm_term=.86be0b00ef8d

Will Mars Colonists Evolve Into This New Kind of Human?

http://www.nbcnews.com/mach/space/mars-colonists-might-evolve-entirely-new-type-human-n708636?cid=sm_npd_nn_fb_ma

Tribes return ancient Kennewick Man to the ground

<http://www.tri-cityherald.com/news/local/article133780309.html?platform=hootsuite>

History

John Muir: The Scot who fathered America's national parks

<http://www.scotsman.com/news/john-muir-the-scot-who-fathered-america-s-national-parks-1-4368693>

75 Years Later, Americans Still Bear Scars of Internment Order

http://www.npr.org/sections/thetwo-way/2017/02/19/516115506/75-years-later-americans-still-bear-scars-of-internment-order?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20170219

Lack of Education Leads to Lost Dreams and Low Income for Many Jehovah's Witnesses

http://www.npr.org/2017/02/19/510585965/poor-education-leads-to-lost-dreams-and-low-income-for-many-jehovahs-witnesses?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20170219

Cahokia, America's Great City

<https://indiancountrymedianetwork.com/history/traditional-societies/cahokia-americas-great-city/>

The Other WWII American-Internment Atrocity

http://www.npr.org/sections/codeswitch/2017/02/21/516277507/the-other-wwii-american-internment-atrocity?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20170221

Ethiopians call for state funeral as Richard Pankhurst, champion of Ethiopian culture, dies aged 89

<http://www.telegraph.co.uk/news/2017/02/17/ethiopians-call-state-funeral-richard-pankhurst-champion-ethiopian/>

Everyone was dead: When Europeans first came to B.C., they stepped into the aftermath of a holocaust

<http://www.vancouversun.com/News/12963486/story.html>

Grad Student Discovers A Lost Novel Written By Walt Whitman

<http://www.wbur.org/npr/516442353/grad-student-discovers-a-lost-novel-written-by-walt-whitman>

They Escaped The Holocaust As Children. Now They Have A Message For Trump.

http://www.huffingtonpost.com/entry/holocaust-kindertransport-refugees-trump_us_58a600d4e4b045cd34bfd43

DNA evidence proves a maternal dynasty existed in North America 1,200 years ago

<http://www.msn.com/en-us/news/world/dna-evidence-proves-a-maternal-dynasty-existed-in-north-america-1200-years-ago/ar-AAfnftY?li=BBnbfcl&ocid=SL5FDHP>

U.S. detains and nearly deports French Holocaust historian

https://www.washingtonpost.com/news/worldviews/wp/2017/02/26/u-s-detains-and-nearly-deports-french-jewish-historian/?tid=sm_fb&utm_term=.96905d19ab23

America has not always been as welcoming to refugees as we think

https://theconversation.com/america-has-not-always-been-as-welcoming-to-refugees-as-we-think-73630?utm_source=dv.it&utm_medium=twitter

Vatican library plans to digitise 82,000 of its most valuable manuscripts

<http://www.telegraph.co.uk/news/worldnews/europe/vaticancityandhollysee/10712906/Vatican-library-plans-to-digitise-82000-of-its-most-valuable-manuscripts.html>

Reza Aslan: Why I am a Muslim

<http://www.cnn.com/2017/02/26/opinions/believer-personal-faith-essay-reza-aslan/index.html?sr=fbcnni022617believer-personal-faith-essay-reza-aslan0527PMStoryLink&linkId=34903686>

JEWISH HISTORY IS UNDER SIEGE IN THE MIDDLE EAST AND THESE VOLUNTEERS ARE RISKING THEIR LIVES TO PROTECT IT

<http://www.newsweek.com/2017/03/03/isis-destroying-centuries-jewish-history-middle-east-volunteers-558799.html?rx=us>

The Monk Who Saves Manuscripts from ISIS

<https://www.theatlantic.com/international/archive/2017/02/the-monk-who-saves-manuscripts-from-isis/517611/>

The Unlikely Hero behind 'Hacksaw Ridge'

<http://www.dodlive.mil/index.php/2017/02/moh-monday-the-unlikely-hero-behind-hacksaw-ridge/>

Harvard Launches Free Online Class to Promote Religious Literacy

http://www.huffingtonpost.com/entry/harvard-world-religions-online-class_us_56c76b55e4b041136f16dd0a?

The Indian Ocean: A Maritime Trade Network History Nearly Forgotten

<http://discovermagazine.com/2016/nov/trading-places>

Son of Nazi governor returns art stolen from Poland during second world war

<https://www.theguardian.com/artanddesign/2017/feb/26/nazi-art-stolen-poland-returned-horst-waechter?platform=hootsuite>

This 95-year-old Holocaust survivor has a roommate — she's a 31-year-old granddaughter of Nazis

https://www.washingtonpost.com/news/inspired-life/wp/2017/03/02/this-95-year-old-holocaust-survivor-has-a-roommate-shes-a-31-year-old-granddaughter-of-nazis/?tid=sm_fb&utm_term=.ca13baf75b62

'Muslim in New York' Exhibit Shows how Muslims Have Contributed to New York Culture for Centuries

<http://www.newsweek.com/muslims-contributed-new-york-culture-centuries-new-exhibition-559380>

Did a historian from Ecuador find the lost 'treasure' of the Incas — in a book?

<http://www.miamiherald.com/news/nation-world/world/americas/article135826498.html>

Archaeology

Australian startup creates ancient archaeological sites in virtual reality

<http://ht.ly/4Mde3092UzL>

Tattooed owners of the world's oldest carpets get health check after 2,200 years

<http://siberiantimes.com/science/casestudy/news/n0861-tattooed-owners-of-the-worlds-oldest-carpets-get-health-check-after-2200-years/>

Missing part of national treasure found in museum storage

<http://english.donga.com/List/3/08/26/829970/1>

British Museum trains Iraqi archaeologists to rebuild post-Islamic State

<http://news.trust.org/item/20170220183405-3iz2b/>

Hurricane Matthew Damage Uproots Artifacts in Georgia

<http://www.archaeology.org/news/5242-170131-savannah-hurricane-matthew?platform=hootsuite>

Florida Archaeologists Condemn Proposed 'Citizen Archaeology' Permit

<http://www.forbes.com/sites/kristinakillgrove/2016/01/13/florida-archaeologists-condemn-proposed-citizen-archaeology-permit/#7ed24c4458fc>

Caucasus "land grab" feared in remote UNESCO heritage site

<http://news.trust.org/item/20170220140556-9p9ct/>

'Oldest' Iron Age gold work in Britain found in Staffordshire

<http://www.bbc.com/news/uk-england-stoke-staffordshire-39113201>

Become a citizen scientist, monitor historic sites

<http://www.news-press.com/story/life/outdoors/2017/02/25/citizen-scientist-fpan-florida-public-archaeology-network-chestnut/98052764/>

Second largest Maya jade found in Belize has unique historical inscription

<https://phys.org/news/2017-02-largest-maya-jade-belize-unique.html>

3 more ancient tombs discovered at olive grove thought to be necropolis in Turkey's Bursa

<https://www.dailysabah.com/history/2017/02/13/3-more-ancient-tombs-discovered-at-olive-grove-thought-to-be-necropolis-in-turkeys-bursa>

UO archaeology helps kick off National Geographic series

<http://around.uoregon.edu/content/uo-archaeology-helps-kick-national-geographic-series>

Previously untouched 600BC palace discovered under shrine demolished by Isis in Mosul

<http://www.telegraph.co.uk/news/2017/02/27/previously-untouched-600bc-palace-discovered-shrine-demolished/>

Satellite radar system used to help preserve Angkor Wat temple

<https://techxplore.com/news/2017-03-satellite-radar-angkor-wat-temple.html>

Palaces of Ancient Persia Were Built with 'Fire Temple' Wood

<http://www.livescience.com/58032-ancient-persia-palaces-fire-temple-wood.html#undefined.uxfs>

Egyptology

Hundreds of coffins to be restored in Egyptian conservation project

<https://www.theguardian.com/science/2017/jan/17/egyptian-museum-cairo-restoration-project-hundreds-wooden-coffins>

Ancient Egyptian Stories Will Be Published in English for the First Time

<http://www.smithsonianmag.com/smart-news/ancient-egyptian-stories-will-be-published-english-first-time-180960244/>

General Science

Trump administration re-evaluating self-driving car guidance

http://www.reuters.com/article/us-usa-trump-selfdriving-idUSKBN1650WA?utm_campaign=trueAnthem:+Trending+Content&utm_content=58b3510e04d3015c8f730352&utm_medium=trueAnthem&utm_source=facebook

Scientists reveal new super-fast form of computer that 'grows as it computes'

<https://phys.org/news/2017-03-scientists-reveal-super-fast.html>

Physics, Earth and Space Sciences

This Dwarf Planet Has Life's Building Blocks, NASA Probe Shows

http://www.nbcnews.com/mach/space/dwarf-planet-has-life-s-building-blocks-nasa-probe-shows-n722381?cid=sm_npd_nn_fb_nw

Mapping the family tree of stars

<https://phys.org/news/2017-02-family-tree-stars.html>

This solar system of seven Earth-sized planets may be the best place to look for alien life

<http://www.theverge.com/2017/2/22/14674088/7-planet-solar-system-discovered-conditions-for-life-water-nature-nasa>

Siberia's 'doorway to the Underworld' Is Getting So Big It's Uncovering Ancient Forests

<http://www.sciencealert.com/siberia-s-huge-doorway-to-the-underworld-is-getting-so-big-it-s-uncovering-millennia-old-forests-and-carcasses>

SPACEX TO SEND PRIVATELY CREWED DRAGON SPACECRAFT BEYOND THE MOON NEXT YEAR

<http://www.spacex.com/news/2017/02/27/spacex-send-privately-crewed-dragon-spacecraft-beyond-moon-next-year>

Team puts dark matter on the map

<https://phys.org/news/2017-03-team-dark.html>

NASA Considers Magnetic Shield to Help Mars Grow Its Atmosphere

<http://www.popularmechanics.com/space/moon-mars/a25493/magnetic-shield-mars-atmosphere/>

Environment, Climate Change and Alternative Energy Sources

European City Set to Transform Industrial Site Into Remarkable Vertical Forest

<https://futurism.com/european-city-set-to-transform-industrial-site-into-remarkable-vertical-forest/>

The West's largest coal-fired power plant is closing. Not even Trump can save it.

https://www.washingtonpost.com/news/energy-environment/wp/2017/02/14/the-wests-largest-coal-fired-power-plant-is-closing-not-even-trump-can-save-it/?tid=sm_fb&utm_term=.cc5eea8b7c0b

This 'bionic leaf' is turning sunlight into fuel

https://www.globalcitizen.org/en/content/bionic-leaf-turn-sunlight-into-fuel/?utm_source=facebook&utm_medium=social&utm_content=global&utm_campaign=general-content&linkId=34697867

This Room From Ikea Is Actually a Garden That Can Feed a Neighborhood

https://www.globalcitizen.org/en/content/ikea-growroom-community-garden/?utm_source=facebook&utm_medium=social&utm_content=global&utm_campaign=general-content&linkId=34692311

Unravelling B.C.'s carbon tax

<http://www.therecord.com/opinion-story/7155137-unravelling-b-c-s-carbon-tax/>

It's not in your head: The weather is weirder, and climate change is the reason why

<http://www.popsoci.com/more-extreme-weather-today-and-climate-change-is-reason-why?src=SOC&dom=fb>

Inside the race to build the battery of tomorrow

https://www.wired.com/2017/02/researchers-racing-build-battery-future/?mbid=nl_22217_p4&CNDID=41291302

How South Australia can function reliably while moving to 100% renewable power

<https://theconversation.com/how-south-australia-can-function-reliably-while-moving-to-100-renewable-power-73199>

How farmers in Africa are finding ways to sustainably use wetlands

<http://www.csmonitor.com/World/Making-a-difference/Change-Agent/2017/0213/How-farmers-in-Africa-are-finding-ways-to-sustainably-use-wetlands?cmpid=TW>

A huge Antarctic glacier just lost another chunk of ice — and we know because of NASA

https://www.washingtonpost.com/news/energy-environment/wp/2017/02/22/a-huge-antarctic-glacier-just-lost-another-chunk-of-ice-and-we-know-because-of-nasa/?tid=sm_tw&utm_term=.8d9f8732af32

Sinopec tapping China's vast geothermal reserves

<http://www.taipeitimes.com/News/biz/archives/2017/02/27/2003665766>

Bangladesh opens first solar-powered food warehouse

<http://news.trust.org/item/20170227090732-9nebh/>

Coming soon to China: A building that fights pollution

<http://www.cbsnews.com/news/pollution-fighting-vertical-forest-buildings-coming-to-china/>

Louisiana high school on a barge will tackle coastal erosion problem

<http://www.usatoday.com/story/sponsor-story/xq/2017/02/14/high-school-educate-students-most-unlikely-place/97703092/>

Sand mining: the global environmental crisis you've probably never heard of
https://www.theguardian.com/cities/2017/feb/27/sand-mining-global-environmental-crisis-never-heard?CMP=fb_gu

Bring on the sharks! 'Super reefs' could support more marine life with a little TLC
<http://www.miamiherald.com/news/local/environment/article135825953.html>

Biological, Genetics and Medical Sciences

This Robotic Tank Wants To Kill Mosquitoes With A Laser

http://www.popsoci.com/robotic-tank-laser-kill-mosquitoes?con=TrueAnthem&dom=fb&src=SOC&utm_campaign=&utm_content=58a93c97f6d7a100098bb86a&utm_medium=&utm_source=

To fill organ donation gap in China, doctors turn to surprising source

<http://www.cbsnews.com/news/to-fill-the-organ-donation-gap-in-china-doctors-turn-to-a-surprising-source/?tag=CNM-00-10aab6a&linkId=34665637>

Biologists propose to sequence the DNA of all life on Earth

<http://www.sciencemag.org/news/2017/02/biologists-propose-sequence-dna-all-life-earth>

El Salvador's much-loved hippo Gustavito killed at zoo

http://www.bbc.com/news/world-latin-america-39106482?ocid=socialflow_facebook&ns_mchannel=social&ns_campaign=bbcnews&ns_source=facebook

3D-printed prosthetic limbs: the next revolution in medicine

<https://www.theguardian.com/technology/2017/feb/19/3d-printed-prosthetic-limbs-revolution-in-medicine>

Why these 2 small towns in southern Alberta have vastly different vaccination rates

<http://www.cbc.ca/news/canada/calgary/pincher-creek-fort-macleod-vaccination-rates-1.3987887>

WHO Releases List of World's Most Dangerous Superbugs

https://www.scientificamerican.com/article/who-releases-list-of-worlds-most-dangerous-superbugs/?WT.mc_id=SA_TW_HLTH_NEWS

A new genetic tool maps how deadly viruses spread around the world in real time

<https://qz.com/920836/a-new-genetic-tool-maps-how-deadly-viruses-spread-around-the-world-in-real-time/>

Other

Do not buy the House Science Committee's claim that scientists faked data until you read this <http://www.popsoci.com/regardless-house-science-committee-claims-noaa-scientists-probably-didnt-manipulate-climate-records?src=SOC&dom=fb&con=FBPqPostAds>

Harvard scientist worries we're 'reverting to a pre-Enlightenment form of thinking'
https://www.washingtonpost.com/news/wonk/wp/2017/02/23/harvard-scientist-worries-were-reverting-to-a-pre-enlightenment-form-of-thinking/?tid=sm_fb&utm_term=.494cf777e7e5

Trump says he wants to fix our divisions. But he may gut an institution that does exactly that.
https://www.washingtonpost.com/opinions/trump-says-he-wants-to-fix-our-divisions-but-may-gut-an-institution-that-does-that-already/2017/02/22/b8b3e9c4-f92b-11e6-be05-1a3817ac21a5_story.html?platform=hootsuite&utm_term=.57f5beb0e6e8

How to Defeat Those Who are Waging War on Science
https://blogs.scientificamerican.com/guest-blog/how-to-defeat-those-who-are-waging-war-on-science/?WT.mc_id=SA_FB_POLE_BLOG

Pope Francis' Guide to Lent: What You Should Give Up This Year
<http://time.com/3714056/pope-francis-lent-2015-fasting/>

Additional Informational

National Park Astrophotography

<https://www.nationalparks.org/connect/blog/national-park-astrophotography>

These Are The World's Oldest Countries- Video

http://www.seeker.com/these-are-the-worlds-oldest-countries-2207069550.html?utm_campaign=socialflow&utm_source=facebook&utm_medium=dnewsocial

John Anthony West Fundraiser

<https://fundly.com/john-anthony-west-project>

C-SPAN Federal Funding of Arts Programs- Video

<https://www.c-span.org/video/?424454-3/washington-journal-robert-lynch-discusses-federal-arts-funding>

Writings from Ancient Egypt

https://www.amazon.com/Writings-Ancient-Egypt-Toby-Wilkinson/dp/0141395958/ref=sr_1_1?ie=UTF8&qid=1487962964&sr=8-1&keywords=Writings+from+Ancient+Egypt

Workshop Recording on Emergency Preparedness and Disaster Response for Iraqi Cultural Heritage Experts

<https://vimeo.com/204043848>

Origins: The Journey of Humankind

<http://channel.nationalgeographic.com/origins-the-journey-of-humankind/videos/origins-the-journey-of-humankind-trailer/>

Organizing a Remembrance Event

https://www.ushmm.org/remember/days-of-remembrance/organizing-a-remembrance-event?mkt_tok=eyJpIjoiTTJNeE5HVXdZVGhsTUdVeCIsInQiOiJGbG1lak12SjYzYmVnVFNDV0FJMXFqSVBDNnpmeUFSbVA1SERFa21rQ0wyQlITT1RwcURqdk5CUzJGKzY0bmJqUmlaWIIWOENyUzJvSXdzMFZWZk1aZDhRelVQY1FYZ1pJbjZ6MHI6OXptMjhzXC9vOHIBdkxQTis2dTJVV2pPUmdNTWRiT3ZRMWw5TGy2Skq1MHJGS1InPT0ifQ%3D%3D

PBS, Africa's Great Civilizations

http://www.pbs.org/weta/africas-great-civilizations/home/?utm_source=facebook&utm_medium=pbsofficial&utm_campaign=africascivilizations_2017

Behind the Backlash: Muslim Americans after 9/11

https://www.amazon.com/Behind-Backlash-Muslim-Americans-After/dp/1592139833/ref=sr_1_1?ie=UTF8&qid=1488427049&sr=8-1&keywords=behind+the+backlash

Alexander Hamilton Biography

https://www.amazon.com/Alexander-Hamilton-Ron-Chernow/dp/1594200092/ref=tmm_hrd_swatch_0?encoding=UTF8&qid=&sr=