

**Weekly Science Report
November 24, 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!

The Weekly Science Report is also on social media at:

- Facebook: <https://www.facebook.com/weeklysciencertpt/>
- Twitter: <https://twitter.com/wklysciencertpt>

News Articles

Paleontology, Evolution and Prehistoric Studies

Antarctica was once covered in Forests. We just found one of that fossilized

https://news.nationalgeographic.com/2017/11/ancient-fossil-forest-found-antarctica-gondwana-spd/?utm_source=fb&utm_medium=social&utm_term=content&utm_content=link_ngcfb20171119antarctica&sf173564283=1

Skeleton of a Massive Extinct Sea Cow Found on Siberian Island

<https://www.smithsonianmag.com/smart-news/massive-extinct-sea-cow-skeleton-found-siberian-island-180967291/#kryci2BWvXQFCg8O.01>

6,000-year-old monument offers a tantalising glimpse of Britain's neolithic civilisation

<https://theconversation.com/6-000-year-old-monument-offers-a-tantalising-glimpse-of-britains-neolithic-civilisation-87730>

Exceptionally Well-Preserved Dinosaur Had Hefty Armor and Elaborate Camouflage

<https://www.seeker.com/earth/animals/exceptionally-well-preserved-dinosaur-had-hefty-armor-and-elaborate-camouflage>

Archaeologists say human evolution study used stolen bone

<http://www.nature.com/news/archaeologists-say-human-evolution-study-used-stolen-bone-1.22984>

The Oldest Life on Earth Has Been Discovered in Canada's Arctic

https://motherboard.vice.com/en_us/article/mg4j88/oldest-life-quebec-canada-arctic?utm_campaign=global&utm_source=vicefbanz

Finding their inner bird: Using modern genomics to turn alligator scales into birdlike feathers

https://www.eurekalert.org/pub_releases/2017-11/mbae-fti111617.php

Ancient barley took high road to China

https://www.eurekalert.org/pub_releases/2017-11/wuis-abt112017.php

History

The Museum of the Bible reflects the discouraging state of Christianity

https://www.washingtonpost.com/opinions/the-museum-of-the-bible-reflects-the-discouraging-state-of-christianity/2017/11/17/0d8d419a-cbd4-11e7-aa96-54417592cf72_story.html?tid=ss_fb&utm_term=.ac0d082e80d9

The Army Veteran Who Became the First to Hike the Entire Appalachian Trail

<https://www.smithsonianmag.com/smithsonian-institution/army-veteran-became-first-hike-entire-appalachian-trail-180963678/>

Wende Museum of Cold War artefacts spills its secrets in California

<http://theartnewspaper.com/news/wende-museum-of-cold-war-archives-opens-new-space>

Let New York's new spy museum bring out the James Bond in you

<http://theartnewspaper.com/blog/let-new-yorks-new-spy-museum-bring-out-the-james-bond-in-you>

Five myths about American Indians

https://www.washingtonpost.com/outlook/five-myths/five-myths-about-american-indians/2017/11/21/41081cb6-ce4f-11e7-a1a3-0d1e45a6de3d_story.html?utm_term=.f670259bbeab

Investigators: D.B. Cooper letter confirms suspect, FBI cover-up

http://m.seattlepi.com/local/article/D-B-Cooper-Seattle-FBI-cover-up-evidence-12357487.php?utm_campaign=twitter-mobile&utm_source=CMS%20Sharing%20Button&utm_medium=social

'We're searching to reclaim what was lost': In museum archives, a tribe urgently seeks proof of its past

https://www.washingtonpost.com/news/speaking-of-science/wp/2017/11/11/were-searching-to-reclaim-what-was-lost-in-museum-archives-a-tribe-urgently-seeks-proof-of-its-past/?utm_term=.f06739cc99b8

Native Americans marking Thanksgiving with day of mourning

https://www.boston.com/news/local-news/2017/11/23/native-americans-marking-thanksgiving-with-day-of-mourning?s_campaign=bcom%3Asocialflow%3Afacebook

102-year-old survivor reunites with newly discovered nephew

<https://apnews.com/1883d7e2d9474026acde33c1e3b6ce57>

Painting looted from Hitler withdrawn from auction in Cologne

<http://theartnewspaper.com/news/painting-looted-from-hitler-withdrawn-from-auction-in-cologne>

Helping the poor is a 'Passport to Paradise,' Pope says

https://www.yahoo.com/news/helping-poor-passport-paradise-pope-says-110139329.html?utm_content=buffer127f2&utm_medium=social&utm_source=facebook.com&utm_campaign=buffer

How Scientists Identified the Oldest Known Solar Eclipse ... Using the Bible

https://www.smithsonianmag.com/science-nature/how-scientists-identified-oldest-known-solar-eclipse-bible-180967135/?utm_source=facebook.com&utm_medium=socialmedia

Rare Magical Manuscripts Go on Display at the British Library

https://www.smithsonianmag.com/travel/rare-magical-manuscripts-exhibit-180967185/?utm_source=facebook.com&utm_medium=socialmedia

JFK's assassination aided by his bad back, records show

<http://www.msn.com/en-us/news/us/jfks-assassination-aided-by-his-bad-back-records-show/ar-BBFtwpE?li=BBnbfcL&ocid=SL5FDHP>

Review: Oldman's a rousing Churchill in 'Darkest Hour'

<https://www.msn.com/en-us/movies/reviews/review-oldmans-a-rousing-churchill-in-darkest-hour/ar-BBF6jO6?li=BBnb7Kz&ocid=SL5FDHP>

So You Just Bought a \$450 Million Leonardo da Vinci Painting. Now What?

<https://news.artnet.com/market/so-you-just-bought-a-450-million-da-vinci-now-what-1156268>

ISRAEL: DAUGHTER OF HOLOCAUST SURVIVOR FACES DEPORTATION OVER FATHER'S ALLEGED CHRISTIAN CONVERSION

<http://www.newsweek.com/israel-daughter-holocaust-survivor-faces-deportation-over-fathers-christian-717874>

A Struggling Historic Library Says It Needs to Sell Its Art

<https://www.nytimes.com/2017/11/17/arts/design/sothebys-james-prendergast-library-jamestown-art-sale.html?ribbon-ad-idx=2&rref=arts%2Fdesign&module=Ribbon&version=origin®ion=Header&action=click&contentCollection=Art+%26+Design&pgtype=article>

The Thibodaux Massacre Left 60 African-Americans Dead and Spelled the End of Unionized Farm Labor in the South for Decades

https://www.smithsonianmag.com/history/thibodaux-massacre-left-60-african-americans-dead-and-spelled-end-unionized-farm-labor-south-decades-180967289/?utm_source=facebook.com&utm_medium=socialmedia

Native American Students Fight Discrimination By Celebrating Their Heritage

https://www.npr.org/2017/11/16/563311015/native-american-students-fight-discrimination-by-celebrating-their-heritage?utm_campaign=storyshare&utm_source=twitter.com&utm_medium=social

In poet John Keats' letters, a man full of life just before he died

https://www.pbs.org/newshour/arts/in-poet-john-keats-letters-a-man-full-of-life-just-before-he-died?utm_source=facebook&utm_medium=pbsofficial&utm_campaign=newshour&linkId=10000001509020

The True Story Behind Plymouth Rock

https://www.smithsonianmag.com/smithsonian-institution/the-true-story-behind-plymouth-rock-639690/?utm_source=facebook.com&utm_medium=socialmedia

What Pilgrims Heard When They Arrived in America

https://www.smithsonianmag.com/smart-news/documentary-theater-program-brings-back-sacred-sounds-pilgrims-and-native-americans-180961164/?utm_source=facebook.com&utm_medium=socialmedia

Review: 'Bombshell' Tells the Amazing Story of Hedy Lamarr, the Star and Inventor

<https://www.nytimes.com/2017/11/23/movies/bombshell-the-hedy-lamarr-story-review-.html>

You must remember this: Casablanca turns 75 and remains a classic of wartime propaganda

https://theconversation.com/you-must-remember-this-casablanca-turns-75-and-remains-a-classic-of-wartime-propaganda-87113?utm_campaign=Echobox&utm_medium=Social&utm_source=Twitter#link_time=1511525139

They Comfort Strangers, So No One Dies Alone

https://www.npr.org/2017/11/24/565948727/they-comfort-strangers-so-no-one-dies-alone?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=2052

Archaeology

Still standing: how an ancient clock tower survived Italy's deadly earthquake

<https://theconversation.com/amp/still-standing-how-an-ancient-clock-tower-survived-italys-deadly-earthquake-64548>

Skeletons could provide clues to who wrote or protected the Dead Sea Scrolls

<https://www.sciencenews.org/article/skeletons-could-provide-clues-who-wrote-or-protected-dead-sea-scrolls?tgt=nr>

48 feet long 'Sleeping Buddha' statue unearthed in Haripur district

<https://archaeologynewsnetwork.blogspot.fr/2017/11/48-feet-long-sleeping-buddha-statue.html#Q2FkZ2aos1wSkZp5.97>

2,400-year-old horse and chariot pit unearthed in China

http://news.xinhuanet.com/english/2017-11/14/c_136749918_2.htm

THE THEFT OF THE GODS

<https://psmag.com/magazine/the-theft-of-the-gods-stealing-sacred-hopi-ceremonial-objects>

On the Iraq border archaeological digs are a minefield – in every sense

<https://www.theguardian.com/science/2017/nov/22/is-conflict-damage-really-damage-archaeology-iran-iraq-war?CMP=tw a-science b-gdnscience>

The Lion City's Glorious Past

<https://www.archaeology.org/issues/278-1711/letter-from/5998-letter-from-singapore>

Reading the White Shaman Mural

<https://www.archaeology.org/issues/274-1711/features/5996-reading-the-white-shaman-mural>

Male Skeletons Unearthed at Qumran

<https://www.archaeology.org/news/6109-171120-israel-qumran-skeletons>

'Indiana Joan': 95-year-old accused of looting Middle East tombs

<http://www.bbc.com/news/world-australia-42109046>

Nazca Lines: New Giant Geoglyph of Orca Discovered in Peru Desert Sheds Light on Enigmatic Monuments

<http://www.newsweek.com/nazca-lines-peru-orca-geoglyph-desert-monuments-712544>

2,000-year-old tool offers new proof of Japan's earliest writing

<http://www.asahi.com/ajw/articles/AJ201711140051.html>

Dating the Presence of Archeological Cultures During the Upper Paleolithic

<http://popular-archaeology.com/issue/fall-2017/article/dating-the-presence-of-archeological-cultures-during-the-upper-paleolithic>

Ancient Ruins Discovered Under Lake in Turkey

https://news.nationalgeographic.com/2017/11/underwater-fortress-urartu-lake-van-turkey-archaeology-video-spd/?utm_source=fb&utm_medium=social&utm_term=content&utm_content=link_ngcfb20171124ancientruins&sf173566408=1

Egyptology

A temple for Isis dating back to Ancient Egypt era unearthed

<https://www.egypttoday.com/Article/4/32821/A-temple-for-Isis-dating-back-to-Ancient-Egypt-era>

Minister of Antiquities: 33,000 Egyptian Artefacts are Missing

<https://aawsat.com/english/home/article/1091481/minister-antiquities-33000-egyptian-artefacts-are-missing>

Ancient Roman Shipwrecks Full of Treasure and a 'Royal Head of Crystal' Discovered in Egypt

<http://www.newsweek.com/ancient-roman-shipwrecks-full-treasure-and-royal-head-crystal-discovered-egypt-718359>

Ancient Egypt: Sandstone Carving in 2,000-Year-Old Temple Reveals New Details About Alexander The Great's Successor

<http://www.newsweek.com/ancient-egypt-kom-ombo-temple-720975>

General Science

This Robot Snake Means You No Harm, Really

https://www.wired.com/story/this-robot-snake-means-you-no-harm-really/?CNDID=41291302&mbid=nl_ipwarming_daily_list3_p2

China Challenges Nvidia's Hold on Artificial Intelligence Chips

https://www.wired.com/story/china-challenges-nvidias-hold-on-artificial-intelligence-chips/?mbid=nl_112017_daily_list1_p4

The Hydroponic, Robotic Future of Farming in Greenhouses

https://www.wired.com/story/the-hydroponic-robotic-future-of-farming-in-greenhouses-at-iron-ox/?mbid=nl_112017_daily_list3_p2

Darkest material on Earth will create a 'schism in space' for Winter Olympics

<http://www.cnn.com/2017/11/15/world/vantablack-blackest-black-material/?sr=fbCNN111717vantablack-blackest-black-material0258PMVODtop>

Physics, Earth and Space Sciences

Voyager 1, the Farthest-Reaching Spacecraft Ever, Marks 40 Years in Space

<https://www.seeker.com/space/exploration/voyager-1-the-farthest-reaching-spacecraft-ever-marks-40-years-in-space>

Last Days? How NASA Monitors Space For Events That Could End the World

http://www.newsweek.com/nibiru-doomsday-prophecy-how-nasa-monitors-space-events-could-end-world-715778?utm_campaign=NewsweekTwitter&utm_source=Twitter&utm_medium=Social

Bizarre Interstellar Asteroid Is Unlike Any Observed In Solar System

<http://www.msn.com/en-us/news/technology/bizarre-interstellar-asteroid-is-unlike-any-observed-in-solar-system/ar-BBFpGWS?ocid=ob-fb-enus-580>

Behind the Scenes as NASA Tests the Most Powerful Rocket Ever

https://www.wired.com/2017/11/behind-the-scenes-nasa-tests-most-powerful-rocket-ever/?mbid=nl_112117_daily_list1_p1

Earth's Rotation Is Mysteriously Slowing Down: Experts Predict Uptick In 2018 Earthquakes

<https://www.forbes.com/sites/trevornace/2017/11/20/earths-rotation-is-mysteriously-slowing-down-experts-predict-uptick-in-2018-earthquakes/#51ddc94c6f24>

We just beamed a signal at space aliens. Was that a bad idea?

https://www.nbcnews.com/mach/science/we-just-beamed-signal-space-aliens-was-bad-idea-cnca822446?cid=sm_npd_nn_fb_ma

Iconic Arecibo Observatory saved from Demolition

https://news.nationalgeographic.com/2017/11/arecibo-observatory-saved-demolition-seti-space-science/?utm_source=fb&utm_medium=social&utm_term=content&utm_content=link_ngcfb20171121targettelescope&sf173565333=1

Self-Taught Rocket Scientist Will Launch From California This Weekend

https://www.smithsonianmag.com/smart-news/self-taught-rocket-scientist-will-launch-over-california-town-weekend-180967303/?utm_source=facebook.com&utm_medium=socialmedia

Uranus is probably full of giant diamonds

https://www.popsoci.com/uranus-neptune-diamond-rain?con=TrueAnthem&dom=tw&lnk=TATW&src=SOC&utm_campaign=&utm_content=5a17844904d301281462242c&utm_medium=&utm_source=

Hot News from the Antarctic Underground

<https://www.nasa.gov/feature/jpl/hot-news-from-the-antarctic-underground>

Previous evidence of water on Mars now identified as grain flows

https://eurekalert.org/pub_releases/2017-11/uqs-peo112017.php

An international group of scientists reveals the mystery about the origin of gold

https://www.eurekalert.org/pub_releases/2017-11/uog-aig112117.php

A flat-Earther's plan to launch himself in a homemade rocket just hit a speed bump

<http://www.msn.com/en-us/news/us/a-flat-earther-s-plan-to-launch-himself-in-a-homemade-rocket-just-hit-a-speed-bump/ar-BBFBwAe?ocid=ob-fb-enus-580>

Environment, Climate Change and Alternative Energy Sources

Turning poop into power: how Kenyans are cooking up a cleaner climate

<http://news.trust.org/item/20171122132116-8vwwj/>

Major boost for global bioeconomy

<https://www.innovatorsmag.com/major-boost-for-global-bioeconomy/>

Why Isn't the Bond Market More Worried About Climate Change?

http://www.slate.com/articles/health_and_science/science/2017/10/the_bond_industry_isn_t_worried_about_climate_change.html?wpsrc=sh_all_dt_tw_top

Trump delays new policy on importing elephant parts

<https://apnews.com/457e895e968f444eb46a19da77f52562>

Tesla has built the world's biggest battery in Australia

<http://money.cnn.com/2017/11/23/technology/tesla-south-australia-battery-wind-farm/index.html?sr=fbCNN112317tesla-south-australia-battery-wind-farm0827PMStoryLink>

To succeed, large ocean sanctuaries need to benefit both sea life and people

<https://theconversation.com/to-succeed-large-ocean-sanctuaries-need-to-benefit-both-sea-life-and-people-86977>

Mexico Establishes Largest Marine Protected Area in North America

<https://www.smithsonianmag.com/smart-news/mexico-declares-north-americas-largest-marine-reserve-180967309/>

Think Hurricane Harvey's Flooding Was Bad? Just Wait until 2100

<https://www.scientificamerican.com/article/think-hurricane-harveys-flooding-was-bad-just-wait-until-2100/>

'Trash islands' off Central America indicate ocean pollution problem

<https://phys.org/news/2017-11-trash-islands-central-america-ocean.html>

Jordan's Za'atari camp goes green with new solar plant

<http://www.unhcr.org/uk/news/latest/2017/11/5a0ab9854/jordans-zaatari-camp-green-new-solar-plant.html>

Biological, Genetics and Medical Sciences

Would You Put the Genetically Modified Arctic Apple in Your Pie?

https://www.wired.com/story/genetically-modified-arctic-apple-targets-consumers-not-farmers/?mbid=nl_112217_daily_list1_p3

California's Hepatitis A Outbreak Is the Future Poking Us in the Face

https://www.wired.com/story/californias-hepatitis-a-outbreak-is-the-future-poking-us-in-the-face/?mbid=nl_112017_daily_list1_p2

Self-Driving Car Tech Can Help Another Form of Transport: Wheelchairs

https://www.wired.com/story/self-driving-car-tech-can-help-another-form-of-transport-wheelchairs/?mbid=nl_111817_daily_list3_p2

Using magnets to control chemical reactions that target release of medicines inside the body

<https://phys.org/news/2017-11-magnets-chemical-reactions-medicines-body.html>

Sequencing all 24 human chromosomes uncovers rare disorders

<https://www.nih.gov/news-events/news-releases/sequencing-all-24-human-chromosomes-uncovers-rare-disorders>

Male Humpback Dolphins Woo Mates By Presenting Sponges as Gifts

<https://www.smithsonianmag.com/smart-news/dolphins-woo-mates-presenting-sponges-and-wearing-them-hats-180967298/#25cluZtVBTbVKahP.01>

Cetaceans' Big Brains Are Linked to Their Rich Social Life

<https://www.scientificamerican.com/article/cetaceans-rsguo-big-brains-are-linked-to-their-rich-social-life/>

Biology's Beloved Amphibian--the Axolotl--Is Racing toward Extinction

<https://www.scientificamerican.com/article/biologys-beloved-amphibian-the-axolotl-is-racing-toward-extinction1/>

Plague likely a Stone Age arrival to central Europe

https://www.eurekalert.org/pub_releases/2017-11/mpif-pla111717.php

Scientists Genetically Engineer a Form of Gluten-Free Wheat

<https://www.scientificamerican.com/article/scientists-genetically-engineer-a-form-of-gluten-free-wheat/>

Hearing implant uses lasers to shoot sound into your ear

https://www.newscientist.com/article/2154338-hearing-implant-uses-lasers-to-shoot-sound-into-your-ear/?cmpid=SOC|NSNS|2017-Echobox&utm_campaign=Echobox&utm_medium=Social&utm_source=Facebook#link_time=1511542287

Other

METI's First Message Is a Music Lesson for Aliens

https://www.wired.com/story/metis-first-message-is-a-music-lesson-for-aliens/?CNDID=41291302&mbid=nl_ipwarming_daily_list1_p3

Why 400 professors are urging students to avoid University of Rochester

<https://www.msn.com/en-us/news/us/why-400-professors-are-urging-students-to-avoid-university-of-rochester/ar-BBFs3Pd?li=BBnb7Kz&ocid=SL5FDHP>

Miami Artists Bypass Wynwood and Set Up Shop in Liberty City

<https://www.nbcmiami.com/news/local/Miami-Artists-Bypass-Wynwood-and-Set-Up-Shop-in-Liberty-City-459529533.html>

This new museum wants to prove that cutting-edge art is for everyone — so entry is free

<http://www.miamiherald.com/news/local/community/miami-dade/article186149418.html>

Additional Informational

The Place Where All the Bigfoot Believers Unite

https://www.wired.com/story/bigfoot-conference-photo-gallery/?CNDID=41291302&mbid=nl_ipwarming_daily_list3_p3

Spectacular Images Reveal Mysterious Stone Structures in Saudi Arabia

<https://www.livescience.com/60917-photos-mysterious-stone-structures-gates-saudi-arabia.html>

Explore the new ICCROM website!

<http://www.iccrom.org/explore-the-new-iccrom-website/>