

**Weekly Science Report
December 9, 2016**

**“Only one who devotes himself to a cause with his whole strength and soul
can be a true master. For this reason mastery demands all of a person.”**

Albert Einstein

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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

Hi-tech replica to bring prehistoric art of Lascaux within reach

<https://www.theguardian.com/science/2016/dec/03/hi-tech-lascaux-caves-prehistoric-sistine-chapel>

Were Neanderthals Religious?

<http://www.npr.org/sections/13.7/2016/12/07/504650215/were-neanderthals-religious>

These 17,000 rocks from the bottom of the world could unlock the secrets of existence

https://www.washingtonpost.com/news/speaking-of-science/wp/2016/12/07/this-hidden-smithsonian-vault-contains-the-oldest-things-in-the-solar-system/?utm_term=.42d484412cca&wpisrc=nl_science&wpmm=1

T. rex cousin's 99-million-year old tail feathers found in amber

https://www.newscientist.com/article/2115608-t-rex-cousins-99-million-year-old-tail-feathers-found-in-amber/?utm_medium=Social&utm_campaign=Echobox&utm_source=Facebook&utm_term=Autofeed&cmpid=SOC%7cNSNS%7c2016-Echobox

History

Young man on a mission to honor World War II vets before it's too late

<http://www.cbsnews.com/news/young-man-on-a-mission-to-honor-world-war-ii-vets-before-its-too-late/>

Why Austria is restoring a 1924 film that predicted the rise of the Nazis

https://www.washingtonpost.com/news/worldviews/wp/2016/12/09/why-austria-is-restoring-a-1924-film-that-predicted-the-rise-of-the-nazis/?tid=sm_fb&utm_term=.7b3cd094d28f

Rare find reveals previously unknown Roman ruler in Judea

<http://www.timesofisrael.com/rare-find-reveals-previously-unknown-roman-ruler-in-judea/>

Pearl Harbor veteran honored with inflight hula, song

<http://www.staradvertiser.com/2016/12/09/breaking-news/pearl-harbor-veteran-honored-with-inflight-hula-song/?a%3Bsdkflja%3Bsdkflj>

Mysterious lead tablets 'may contain earliest written mention of Jesus Christ'

<https://uk.news.yahoo.com/mysterious-lead-tablets-may-contain-earliest-written-mention-of-jesus-christ-123221952.html>

Einstein's Age Of Extremism

http://www.npr.org/sections/13.7/2016/12/04/502852356/einsteins-age-of-extremism?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=npr_news&utm_content=202804

Nazi-Looted Reinhold Begas Sculpture Returned to Jewish Family by the City of Berlin

<https://news.artnet.com/art-world/nazi-looted-sculpture-returned-jewish-publishing-moguls-family-city-berlin-771779>

The Horror of Lynchings Lives On

<http://www.nytimes.com/2016/12/03/opinion/sunday/the-horror-of-lynchings-lives-on.html?smid=fb-nytimes&smtyp=cur&r=0>

This painting was looted by the Nazis, then seized from my living room

<http://www.latimes.com/opinion/op-ed/la-oe-gilmore-polish-looted-art-20161204-story.html>

New York's Natural History Museum Curator Resigns Following Sexual Misconduct Investigations

<https://news.artnet.com/art-world/museum-curator-resigns-misconduct-investigations-773210>

Never forgotten: Scientists still working to identify remains of Pearl Harbor casualties

http://www.post-gazette.com/news/nation/2016/12/07/Scientists-still-working-to-identify-remains-of-Pearl-Harbor-casualties/stories/201612070100?utm_campaign=Echobox&utm_medium=Social&utm_source=Facebook#link_time=1481091287

From FIU to Brighton, Japan's Ainu people share culture

<http://seminoletribune.org/from-fiu-to-brighton-japans-ainu-people-share-culture-2/>

The Spooky Pearl Harbor Mystery That Remains Unsolved

<https://www.yahoo.com/news/spooky-pearl-harbor-mystery-remains-180042131.html>

The attack on Pearl Harbor united Americans like no other event in our history

https://www.washingtonpost.com/posteverything/wp/2016/12/07/the-attack-on-pearl-harbor-united-americans-like-no-other-event-in-our-history/?utm_term=.8ca764d04623

Nikola Tesla Wardenclyffe Lab to Receive World Historic Site Designation

<https://www.longislandpress.com/2016/12/08/nikola-tesla-wardenclyffe-lab-to-receive-world-historic-site-designation/>

Archaeology

Sutton Hoo bitumen links Syria with Anglo-Saxon England

<http://www.bbc.com/news/uk-england-suffolk-38171657>

Daesh issues permits to loot heritage sites

<http://khaleejtimes.com/nation/abu-dhabi/daesh-issues-permits-to-loot-heritage-sites?platform=hootsuite>

France pays £24m into new fund to protect cultural heritage sites

<https://www.theguardian.com/world/2016/dec/04/france-new-fund-cultural-heritage-sites-isis>

Aboriginal art depicting Wandjina figure that sparked aliens theory to be reclaimed by traditional owners

<http://www.abc.net.au/news/2016-12-05/aboriginal-people-move-to-reclaim-sacred-wandjina-drawings/8049978>

Imitation game: how copies can solve our cultural heritage crises

<https://theconversation.com/imitation-game-how-copies-can-solve-our-cultural-heritage-crisis-69346>

Archeologist claims to have found proof that Hebrew was the first written alphabet

<http://phys.org/news/2016-12-archeologist-proof-hebrew-written-alphabet.html>

NEW NON-PROFIT LAUNCHES WITH MISSION TO PROTECT AND PRESERVE THE WORLD'S CULTURAL HERITAGE THROUGH TECHNOLOGY

<http://us7.campaign-archive1.com/?u=5de880f864f3c28e85253c1e5&id=a38a1c81ce&e=2ef7babe39>

Egyptology

Researchers Confident Mysterious Pair Of Mummified Knees Belonged To Queen Nefertari

http://www.npr.org/sections/thetwo-way/2016/12/05/504449966/researchers-confident-mysterious-pair-of-mummified-knees-belonged-to-queen-nefer?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=202805

General Science

Nothing to report

Physics, Earth and Space Sciences

Cassini Spies Incredible Detail in Titan's Dune Fields

http://www.seeker.com/the-incredible-beauty-of-titans-many-dunes-2010550749.html?utm_campaign=socialflow&utm_source=facebook&utm_medium=dnewsocial

NASAs power supply mistake on the ISS

https://www.wired.com/2016/12/nasa-made-really-dumb-mistake-iss-power-supply/?mbid=nl_12816_p3&CNDID=41291302

Space X says it's ready for liftoff again

https://www.wired.com/2016/12/spacex-says-ready-liftoff-faa-begs-differ/?mbid=nl_12816_p7&CNDID=41291302

Japan Sends Long Electric Whip Into Orbit, To Tame Space Junk

http://www.npr.org/sections/thetwo-way/2016/12/09/505020386/japan-sends-long-electric-whip-into-orbit-to-tame-space-junk?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=202809

Google's satellite timelapses show the inconvenient truth about our planet

https://www.theguardian.com/artanddesign/jonathanjonesblog/2016/dec/05/google-timelapse-satellite-pictures-earth-climate-change?CMP=fb_gu

How NASA Found The Lost ExoMars Lander So Quickly

http://www.popsci.com/how-was-exomars-lander-found-so-quickly?con=TrueAnthem&dom=fb&src=SOC&utm_campaign=&utm_content=58465c19a167da00098f5ee8&utm_medium=&utm_source=

NASA's New Robot Will Offer Refueling and Repairs in Space

<http://www.popularmechanics.com/space/satellites/a24180/nasas-new-robot-will-offer-refueling-in-space/>

Astronaut and US Senator John Glenn has died, according to Ohio State University

<http://www.cnbc.com/2016/12/08/astronaut-and-us-senator-john-glenn-has-died-according-to-ohio-state-university.html>

Eyes in the sky: Cutting NASA Earth observations would be a costly mistake

<https://theconversation.com/eyes-in-the-sky-cutting-nasa-earth-observations-would-be-a-costly-mistake-69705>

Environment, Climate Change and Alternative Energy Sources

Tests confirm that Germany's massive nuclear fusion machine really works

<http://www.sciencealert.com/tests-confirm-that-germany-s-massive-nuclear-fusion-machine-really-works>

Google Says It Will Run Entirely on Renewable Energy in 2017

<http://mobile.nytimes.com/2016/12/06/technology/google-says-it-will-run-entirely-on-renewable-energy-in-2017.html?smid=fb-nytimes&smtyp=cur&referer=http://m.facebook.com/>

With 1 male left worldwide, northern white rhinos under guard 24 hours

<http://edition.cnn.com/2015/04/16/africa/kenya-northern-white-rhino/index.html?sr=cnnifb>

Nanoceramic material for more safe and economical nuclear reactors

<http://phys.org/news/2016-12-nanoceramic-material-safe-economical-nuclear.html>

NASA Chip Reflects Wi-Fi To Save Your Smartphone Battery

http://www.popsci.com/nasa-reflecting-wi-fi-save-your-smartwatch-battery?con=TrueAnthem&dom=fb&src=SOC&utm_campaign=&utm_content=5845a549a167da000706ddcd&utm_medium=&utm_source=

Brazil to restore huge tract of degraded land in largest pledge of its kind

<http://news.trust.org/item/20161205173250-o325z/>

Solar Car Powers Your House When It's Parked

http://www.popsci.com/article/cars/solar-car-powers-your-house-when-its-parked?con=TrueAnthem&dom=fb&src=SOC&utm_campaign=&utm_content=58477555f6d7a10006e8c3d8&utm_medium=&utm_source=

Climate change could render Sudan 'uninhabitable'

<http://edition.cnn.com/2016/12/07/africa/sudan-climate-change/index.html?sr=fbcnni120716sudan-climate-change0245PMStoryGalLink&linkId=32055707>

Environmentalism Was Once a Social-Justice Movement

https://www.theatlantic.com/science/archive/2016/12/how-the-environmental-movement-can-recover-its-soul/509831/?utm_source=fb

Do Fuel Cells Hold The Promise To A Fossil Fuel-Free Future?

http://www.huffingtonpost.com/entry/do-fuel-cells-hold-the-promise-to-a-fossil-fueelfree-future_us_57890627e4b03fc3ee5093e4

It's Not Cold Fusion,...But It's Something

<https://blogs.scientificamerican.com/guest-blog/its-not-cold-fusion-but-its-something/>

We can cut emissions in half by 2040 if we build smarter cities

<https://theconversation.com/we-can-cut-emissions-in-half-by-2040-if-we-build-smarter-cities-67499>

Kenya, World Bank Consider \$150 Million Off-Grid Power Project

<https://www.bloomberg.com/news/articles/2016-12-08/kenya-world-bank-consider-150-million-off-grid-power-project>

Biological, Genetics and Medical Sciences

With 21st Century Cure Act, the future of Regenerative Medicine is “Inject and See”

https://www.wired.com/2016/12/future-regenerative-medicine-inject-see/?mbid=social_twitter

Ancient Roman DNA reveals modern malaria parasite

<http://www.cnn.com/2016/12/05/health/malaria-evidence-roman-empire/index.html>

Other

Society Is Doomed, Say Scientists

http://www.seeker.com/society-is-doomed-say-scientists-1768396079.html?utm_campaign=socialflow&utm_source=facebook&utm_medium=dnewsocial

Additional Informational

We've seen the future, and it will blow your mind

https://www.newscientist.com/round-up/world-2076/?utm_campaign=Echobox&utm_medium=Social&utm_source=Facebook#link_time=1480946192

TED Talk, Let's clean up the space junk orbiting Earth

http://www.ted.com/talks/natalie_panek_let_s_clean_up_the_space_junk_orbiting_earth?utm_campaign=social&utm_medium=referral&utm_source=facebook.com&utm_content=talk&utm_term=science

What Can Humanity's Hidden Past Teach Us About Our Future? An Interview with Graham Hancock

<http://wakeup-world.com/2016/12/07/what-can-humanitys-hidden-past-history-teach-us-about-our-future-an-interview-with-graham-hancock/>

Heritage under Threat Free Online Course

<https://www.coursera.org/learn/heritage-protection>

Holocaust Survivor Testimonies: The Chelmno Death Camp- Shimon Srebrnik

<https://www.youtube.com/watch?v=72EHKDgL2Rc&feature=youtu.be>