

**Weekly Science Report
March 17, 2017**

“Human history becomes more and more a race between education and catastrophe.”

H.G. Wells

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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

Forget Mammoths, We Could Bring Dinosaurs and Neanderthals Back to Life

<https://futurism.com/forget-mammoths-we-could-bring-dinosaurs-and-neanderthals-back-to-life/>

New Mexico paleontologist uncovers new dinosaur species

<https://www.aol.com/article/news/2017/03/09/new-mexico-paleontologist-uncovers-new-dinosaur-species/21878755/?ncid=txtlnkusaolp00001357>

Agriculture, dietary changes, and adaptations in fat metabolism from ancient to modern Europeans

<https://phys.org/news/2017-03-agriculture-dietary-fat-metabolism-ancient.html>

Did humans create the Sahara Desert?

<https://phys.org/news/2017-03-humans-sahara.html>

History

Largest deportation campaign in US history is no match for Trump's plan

<https://theconversation.com/largest-deportation-campaign-in-us-history-is-no-match-for-trumps-plan-73651>

Scientists Decode the Mysterious 'Mona Lisa' Smile Once and for All

<https://news.artnet.com/art-world/scientists-decode-mysterious-mona-lisa-smile-889421>

Poland confirms 98-year-old Minnesota man was Nazi commander, seeks extradition

<http://www.latimes.com/nation/ct-minnesota-nazi-commander-20170313-story.html>

Mother Divine, Who Took Over Her Husband's Cult, Dies at 91

https://www.nytimes.com/2017/03/14/us/mother-divine-dead-peace-mission-leader.html?smid=fb-nytimes&smtyp=cur&_r=0

Physicist declassifies rescued nuclear test films

<https://www.llnl.gov/news/physicist-declassifies-rescued-nuclear-test-films>

A Shelter for Art Caught in the Crossfire

https://www.nytimes.com/2017/03/11/arts/louvre-shelter-for-art-caught-in-the-crossfire.html?_r=0

Titanic sank due to enormous uncontrollable fire, not iceberg, experts claim

<http://www.msn.com/en-us/news/world/titanic-sank-due-to-enormous-uncontrollable-fire-not-iceberg-experts-claim/ar-BByhwZu?ocid=ob-fb-enus-580>

Archaeology

Impressive Tomb of Celtic Prince Found in France

<http://www.seeker.com/impressive-tomb-of-celtic-prince-found-in-france-1769580018.html>

Less damage to ancient Palmyra than feared, Syrian antiquities chief says

<http://www.reuters.com/article/us-mideast-crisis-syria-palmyra-idUSKBN16A1L2?platform=hootsuite>

Scientists Shoot Stones to Study War's Impact on Heritage Sites

<http://www.smithsonianmag.com/history/researchers-shoot-stone-blocks-study-impact-warfare-heritage-sites-180962323/?platform=hootsuite>

Ancient Tomb Decorated with Vibrant Murals Found in China

<http://www.livescience.com/58232-ancient-tomb-decorated-with-vibrant-murals-found-in-china.html>

Presentation suggests archeology as a force for social change

<https://historicity.com/2017/staugustine/news/florida/presentation-suggests-archeology-as-a-force-for-social-change-67507>

Genghis Khan: Could satellites help find his tomb?

<http://www.bbc.com/news/business-39038615>

Egyptology

Egypt's underwater antiquities travel the world

http://www.al-monitor.com/pulse/originals/2017/03/egypt-alexandria-sunken-antiquities-display-world-tourism.html?utm_source=Boomtrain&utm_medium=manual&utm_campaign=20170306&bt_ee=afQaNf1iEwFW1H2IKOvzkIruXWWYPBMEseLa1j6zgC/5f%208UMUtKojankciv05IW&bt_ts=1488823106308

Egypt Pharaoh statue 'not Ramses II but different ruler'

<http://www.bbc.com/news/world-middle-east-39298218>

General Science

Supersonic planes are making a comeback without that earth shaking boom

https://www.wired.com/2017/03/supersonic-planes-mounting-comeback-without-earth-shaking-boom/?mbid=nl_31517_p3&CNDID=41291302

Intel's 15 Billion reasons why an AI chip revolution has arrived

https://www.wired.com/2017/03/intels-15-billion-reasons-ai-chip-revolution-arrived/?mbid=nl_31417_p4&CNDID=41291302

As Moore's law ends, brain-like computers begin

<https://techxplore.com/news/2017-03-law-brain-like.html>

Let a Robot Be Your Museum Tour Guide

https://www.nytimes.com/2017/03/14/arts/design/museums-experiment-with-robots-as-guides.html?_r=1

Physics, Earth and Space Sciences

NASA Spacecraft Has Close Call With One of Mars' Moons

<http://www.smithsonianmag.com/smart-news/nasa-spacecraft-has-close-call-one-mars-moons-180962377/>

NASA wants to create the coolest spot in the universe

<https://phys.org/news/2017-03-nasa-coolest-universe.html>

Red Planet may once have been completely under water, say Mars scientists

<http://www.telegraph.co.uk/news/2017/03/06/red-planet-may-have-completely-underwater-say-mars-scientists/>

The future of space colonization – terraforming or space habitats?

<https://phys.org/news/2017-03-future-space-colonization-terraforming-habitats.html>

Private Space Stations Could Orbit the Moon by 2020, Robert Bigelow Says

<http://www.space.com/35978-private-moon-refueling-station-by-2020.html>

Earth's best defense against killer asteroids needs cash

https://www.wired.com/2017/02/arecibo-telescope-can-save-us-asteroids/?mbid=social_twitter

Mysterious isolated object investigated by astronomers

<https://phys.org/news/2017-03-mysterious-isolated-astronomers.html>

Meridional wind on Venus was detected for the first time in both hemispheres

<https://phys.org/news/2017-03-meridional-venus-hemispheres.html>

Space is bigger than NASA

<http://thehill.com/blogs/pundits-blog/transportation/323969-space-is-bigger-than-just-nasa#.WMqWhxVR0kY.facebook>

Astronomers observe a dying red giant star's final act

<https://phys.org/news/2017-03-astronomers-dying-red-giant-star.html>

Trump Budget Kills NASA Asteroid Mission and the Space Agency's Education Office

http://www.seeker.com/trump-spending-plan-kills-nasa-asteroid-mission-boosts-space-science-2316865149.html?utm_campaign=socialflow&utm_source=facebook&utm_medium=dnewsocial

Scientists make the case to restore Pluto's planet status

<https://phys.org/news/2017-03-scientists-case-pluto-planet-status.html>

Walking With Venus' Wind

<http://discovermagazine.com/2017/april-2017/walking-with-venus-wind>

Environment, Climate Change and Alternative Energy Sources

Amazon to install solar panels on a bunch of its fulfillment centers

http://mashable.com/2017/03/02/amazon-solar-panels-fulfillment-centers/?utm_cid=mash-prod-email-topstories&utm_emailalert=daily&utm_source=newsletter&utm_medium=email&utm_campaign=daily&utm_sid=5312cb98f9c510f432bb1e7d#bjXvT7rxRkq9

New materials could turn water into the fuel of the future

<https://phys.org/news/2017-03-materials-fuel-future.html>

Germany's Billion-Dollar Nuclear Fusion Device Works With 'Unprecedented Accuracy'

<https://explorist.futurism.com/germanys-billion-dollar-nuclear-fusion-device-works-with-unprecedented-accuracy/>

Plants might have saved Earth from Permanent Ice Age

https://www.wired.com/2017/03/plants-might-saved-earth-permanent-ice-age/?mbid=nl_31317_p8&CNDID=41291302

Building an Island to Power Northern Europe

<https://www.citylab.com/tech/2017/03/power-islands/519189/>

Curbing climate change has a dollar value — here's how and why we measure it

<https://theconversation.com/curbing-climate-change-has-a-dollar-value-heres-how-and-why-we-measure-it-70882>

Trump begins rollback of Obama's car pollution standards to curb emissions

<https://www.theguardian.com/us-news/2017/mar/15/car-pollution-carbon-emissions-obama-trump-epa>

Large Sections of Australia's Great Reef Are Now Dead, Scientists Find

<https://www.nytimes.com/2017/03/15/science/great-barrier-reef-coral-climate-change-dieoff.html?smid=fb-nytimes&smtyp=cur&r=1>

Clean energy could spark a trade war between the US and China

https://www.wired.com/2017/03/us-china-clean-energy/?mbid=nl_31617_p8&CNDID=41291302

China's premier unveils smog-busting plan to 'make skies blue again'

<https://www.theguardian.com/world/2017/mar/05/china-premier-li-keqiang-unveils-smog-busting-plan-to-make-skies-blue-again-air-pollution>

Boaty McBoatface to go on its first Antarctic mission

https://www.theguardian.com/world/2017/mar/13/boaty-mcboatface-to-go-on-first-antarctic-mission?CMP=fb_gu

Scientists harness solar power to produce clean hydrogen from biomass

<https://techxplore.com/news/2017-03-scientists-harness-solar-power-hydrogen.html>

Solar Experiment Lets Neighbors Trade Energy Among Themselves

<https://www.nytimes.com/2017/03/13/business/energy-environment/brooklyn-solar-grid-energy-trading.html?mwrsm=Facebook&r=0>

Ship crashes into 'pristine' coral reef, captain may be charged

<http://www.cnn.com/2017/03/15/asia/raja-ampat-ship-coral-reef/index.html?sr=fbcnni031517raja-ampat-ship-coral-reef0330PMStoryLink&linkId=35501212>

Biological, Genetics and Medical Sciences

Visualizing the genome: Researchers create first 3-D structures of active DNA
<https://phys.org/news/2017-03-visualizing-genome-d-dna.html>

Humpback whales are organizing in huge numbers, and no one knows why
<http://www.popsci.com/humpback-whales-are-organizing>

Other

Humanity might have received a signal from aliens that it isn't checking, says Harvard professor
<http://www.independent.co.uk/news/science/fast-radio-bursts-frbs-aliens-exist-probes-harvard-avi-loeb-message-a7622056.html>

PBS Fires Back at Trump's Budget Elimination: Costs Small, Benefits Tangible
<http://www.msn.com/en-us/tv/news/pbs-fires-back-at-trump%E2%80%99s-budget-elimination-costs-small-benefits-tangible/ar-BBycmlu?li=BBnbfcl&ocid=SL5FDHP>

Additional Informational

Climate Change and the Health of Nations: Famines, Fevers, and the Fate of Populations

https://www.amazon.com/Climate-Change-Health-Nations-Populations-ebook/dp/B06W57324L/ref=mt_kindle?_encoding=UTF8&me=

International Council of Museums, Disaster Risk Management Committee

<http://icom.museum/the-committees/standing-committees/standing-committee/disaster-risk-management-committee/L/4/>

The Sunken Cities of Titikaka: Just Gilded Fables, or the Relics of an Ancient History that is Being Suppressed?

<https://grahamhancock.com/trumand2/>

National Park Service, Teaching with Historic Places

<https://www.nps.gov/subjects/teachingwithhistoricplaces/index.htm>

Resistance and Its Price

<https://medium.com/@HolocaustMuseum/resistance-and-its-price-81e3b1b5f43a?sf62793111=1#.2wwfe84rw>