

**Weekly Science Report
May 26, 2017**

“The future belongs to those who believe in the beauty of their dreams.”
Eleanor Roosevelt

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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

Earliest evidence for dog breeding found on remote Siberian island

<http://www.sciencemag.org/news/2017/05/earliest-evidence-dog-breeding-found-remote-siberian-island>

Traces of some of South America's earliest people found under ancient dirt pyramid

<http://www.sciencemag.org/news/2017/05/traces-some-south-america-s-earliest-people-found-under-ancient-dirt-pyramid>

Humans Lived in North America 130,000 Years Ago, Study Claims

https://www.nytimes.com/2017/04/26/science/prehistoric-humans-north-america-california-nature-study.html?mc=aud_dev&mcid=fb-nytimes&mccr=MayMC910&mcdt=2017-05&subid=MayMC910&ad-keywords=AudDevGate&r=0

No, There Wasn't an Advanced Civilization 12,000 Years Ago

https://www.scientificamerican.com/article/no-there-wasnt-an-advanced-civilization-12-000-years-ago/?WT.mc_id=SA_FB_EVO_OP

Did Dutch hordes kill off the early Britons who started Stonehenge?

https://www.theguardian.com/uk-news/2017/may/20/dutch-invaders-stonehenge-ancient-britons?CMP=share_btn_tw

Fossils cast doubt on human lineage originating in Africa

http://www.reuters.com/article/us-science-fossils-idUSKBN18I2HX?utm_campaign=trueAnthem%3A+Trending+Content&utm_content=592398d004d3016b4e839ab3&utm_medium=trueAnthem&utm_source=facebook

Whales only recently evolved into giants when changing ice, oceans concentrated prey

<https://phys.org/news/2017-05-whales-evolved-giants-ice-oceans.html>

3.3 million-year-old fossil reveals origins of the human spine

<https://m.phys.org/news/2017-05-million-year-old-fossil-reveals-human-spine.html#>

Archaeologist involved in groundbreaking discovery of early human life in ancient Peru

<http://www.heritagedaily.com/2017/05/archaeologist-involved-in-groundbreaking-discovery-of-early-human-life-in-ancient-peru/115031>

A giant ark is just the start. These creationists have a bigger plan for recruiting new believers.

https://www.washingtonpost.com/lifestyle/style/a-giant-ark-is-just-the-start-these-creationists-have-a-bigger-plan-for-recruiting-new-believers/2017/05/24/b497bd14-2920-11e7-be51-b3fc6ff7faee_story.html?tid=sm_fb&utm_term=.c2da48a44518

Carbon dating confirms 'Penang Woman' is 5,710 years old

<http://www.themalaymailonline.com/malaysia/article/carbon-dating-confirms-penang-woman-is-5710-years-old>

History

Russia thrilled to get Saint Nicholas relics from Italy

<http://www.bbc.com/news/world-europe-39960384>

\$50,000 from auction of Anne Frank poem to finance Holocaust memorial

<http://www.jpost.com/Diaspora/50000-from-auction-of-Anne-Frank-poem-to-finance-Holocaust-memorial-492299>

Here Are The 27 National Monuments Threatened By Trump's Order

http://www.huffingtonpost.com/entry/monument-review-trump-us_us_590ce0c4e4b0d5d9049c8865

Some of us are complicit in racism

<http://www.cnn.com/2017/05/29/opinions/letter-religious-leaders-opinion-held/index.html>

Apocalypse: The lessons of violence and inequality through the ages

<http://www.economist.com/news/books-and-arts/21717801-only-catastrophe-truly-reduces-inequality-according-historical-survey-lessons?src=scn/fb/te/bl/ed/apocalypse+then+the+lessons+of+violence+and+inequality+through+the+ages>

Study provides surprisingly complex portrait of ancient trade networks

<https://phys.org/news/2017-05-surprisingly-complex-portrait-ancient-networks.html>

I Loved My Grandmother. But She Was a Nazi.

https://www.nytimes.com/2017/03/24/opinion/i-loved-my-grandmother-but-she-was-a-nazi.html?mc=aud_dev&mcid=fb-nytimes&mccr=MayMC910&mcdt=2017-05&subid=MayMC910&ad-keywords=AudDevGate&r=0

When America Despised the Irish: The 19th Century's Refugee Crisis

http://www.history.com/news/when-america-despised-the-irish-the-19th-century-s-refugee-crisis?cmpid=FACEBOOK_FBPAGE_20170525&linkId=38005928

Dozens of Māori and Moriori Remains Return to New Zealand from European Museums

https://hyperallergic.com/380784/maori-and-moriori-remains-are-welcomed-home/?utm_source=social&utm_campaign=fbpage

Lost City of Etzana Found

<https://indiancountrymedianetwork.com/history/traditional-societies/lost-city-etzana-found/>

Archaeology

Antiquities Coalition Joint Effort with Johns Hopkins Tackles Culture in Crisis

<https://theantiquitiescoalition.org/culture-in-crisis-preserving-cultural-heritage-in-conflict-zones/?platform=hootsuite>

Hoard of the Vikings

<http://www.archaeology.org/issues/240-1701/features/5123-sweden-gotland-viking-wealth>

Experts stunned by 'Premier League' Roman find in Carlisle

<http://www.newsandstar.co.uk/news/Experts-stunned-by-Premier-League-Roman-find-in-Carlisle-a6c85ddc-31c9-429b-b455-9b208d9de418-ds#.WSgeZgEz0jY.linkedin>

Saving Pakistan's lost city of Mohenjo Daro

<http://artdaily.com/news/96063/Saving-Pakistan-s-lost-city-of-Mohenjo-Daro#.WSLZtmczUdX>

Chaco Canyon's ancient civilization continues to puzzle

<https://www.sciencenews.org/article/chaco-canyons-ancient-civilization-continues-puzzle?platform=hootsuite>

X-ray fluorescence reveals van Eyck's original colours

<https://www.chemistryworld.com/news/x-ray-fluorescence-reveals-van-eycks-original-colours/3007062.article>

Iraq's Hatra retaken from IS militants, but still vulnerable

<http://www.al-monitor.com/pulse/originals/2017/05/hatra-iraq-heritage-unesco-tourism.html#ixzz4huE9u23K>

A Digital Database for Threatened Archaeological Sites in the Middle East and North Africa

<https://hyperallergic.com/380860/a-digital-database-for-threatened-archaeological-sites-in-the-middle-east-and-north-africa/>

Egyptology

The Qatari princess, Angelina Jolie and the battle of the pyramids

<http://www.bbc.com/news/world-africa-39972853>

Japanese archaeologists use lasers and drones to map out pyramids

<http://www.japantimes.co.jp/news/2017/05/10/national/japanese-archaeologists-use-lasers-map-egyptian-pyramids/#.WSq2aWczUdX>

General Science

Plasma jet engines that could take you from the ground to space

https://www.newscientist.com/article/mg23431264-500-plasma-jet-engines-that-could-take-you-from-the-ground-to-space/?utm_term=Autofeed&utm_campaign=Echobox&utm_medium=Social&cmpid=SOC|NSNS|2017-Echobox&utm_source=Facebook#link_time=1495204563

Dubai Police recruit UAE's first 'Robocop'

<http://mediaoffice.ae/en/media-center/news/21/5/2017/police.aspx>

Toward mass-producible quantum computers

<https://phys.org/news/2017-05-mass-producible-quantum.html>

Physics, Earth and Space Sciences

The 'Alien Megastructure' Star Is Dimming Again

https://www.theatlantic.com/science/archive/2017/05/tabbys-star-alien-megastructure/527382/?utm_source=atfb

New Zealand space launch has nation reaching for the stars

<https://phys.org/news/2017-05-zealand-space-nation-stars.html>

Researchers uncover new gravitational wave characteristics

<https://phys.org/news/2017-05-uncover-gravitational-characteristics.html>

Weird energy beam seems to travel five times the speed of light

https://www.newscientist.com/article/2131889-weird-energy-beam-seems-to-travel-five-times-the-speed-of-light/?utm_campaign=Echobox&utm_medium=Social&utm_source=Facebook#link_time=1495447892

Researchers uncover new gravitational wave characteristics

<https://phys.org/news/2017-05-uncover-gravitational-characteristics.html>

VLA reveals new object near supermassive black hole in famous galaxy

<https://phys.org/news/2017-05-vla-reveals-supermassive-black-hole.html>

Extra layer of tectonic plates discovered within Earth's mantle, scientists say

<https://www.theguardian.com/science/2017/may/24/extra-layer-of-tectonic-plates-discovered-within-earths-mantle-scientists-say>

Crash report: Confused by spin, Mars probe failed to brake

<https://phys.org/news/2017-05-mars-probe.html>

Methanol detected for first time around young star

<https://phys.org/news/2017-05-methanol-young-star.html>

Juno Spacecraft Reveals Spectacular Cyclones At Jupiter's Poles

http://www.npr.org/sections/thetwo-way/2017/05/25/530002348/juno-spacecraft-reveals-spectacular-cyclones-at-jupiters-poles?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20170525

Environment, Climate Change and Alternative Energy Sources

Whaling sparks controversy, alleged death threats to those on both sides

<http://www.ktuu.com/content/news/Whaling-sparks-controversy-alleged-death-threats-to-those-on-both-sides-421946163.html>

Has This Silicon Valley Startup Finally Nailed The Indoor Farming Model?

<https://www.fastcompany.com/40420610/has-this-silicon-valley-startup-finally-nailed-the-indoor-farming-model>

Iceland is beautiful except for the 2 million tourists

<https://www.wired.com/2017/05/icelands-beautiful-except-tourists/>

Research explores 'artificial leaf' system for solar fuel production

<https://phys.org/news/2017-05-explores-artificial-leaf-solar-fuel.html>

Running a power plant on carbon dioxide instead of steam

<https://techxplore.com/news/2017-05-power-carbon-dioxide-steam.html>

Biological, Genetics and Medical Sciences

Researchers discover first human antibodies that work against all ebolaviruses

<https://medicalxpress.com/news/2017-05-human-antibodies-ebolaviruses.html>

The Science Behind The Super Abilities Of Sherpas

http://www.npr.org/sections/goatsandsoda/2017/05/28/530204187/the-science-behind-the-super-abilities-of-sherpas?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20170528

Here's the visual proof of why vaccines do more good than harm

<http://www.sciencemag.org/news/2017/04/heres-visual-proof-why-vaccines-do-more-good-harm>

'Smart genes' account for 20% of intelligence: study

<https://medicalxpress.com/news/2017-05-scientists-genetic-roots-intelligence.html>

Water forms 'spine of hydration' around DNA, group finds

<https://phys.org/news/2017-05-spine-hydration-dna-group.html>

Wait, what? Scientist discovers snakes that hunt in packs

<http://www.cnn.com/2017/05/26/americas/cave-snakes-hunt-in-packs-trnd/>

Other

Why a Modern Cosmetics Company Is Mining Armenia's Ancient Manuscripts

<http://www.smithsonianmag.com/travel/armenian-folk-remedies-turned-modern-cosmetics-180963388/#DB9V4Z4Iz2B773xx.99>

NEH Chairman William D. Adams Announces Resignation

<https://www.neh.gov/news/press-release/2017-05-22>

Editorial: Proper care for our national parks

http://www.fredericksburg.com/opinion/editorials/editorial-proper-care-for-our-national-parks/article_90dfa6e8-01cf-5198-b54f-d82e5a5c7e55.html

This Mr. Rogers story will probably make you cry

<https://www.usatoday.com/story/news/nation-now/2017/05/23/mr-rogers-story-probably-make-you-cry/340111001/>

Mark Zuckerberg Tells Harvard Graduates To Embrace Globalism, 'A Sense Of Purpose'

http://www.npr.org/sections/thetwo-way/2017/05/26/530159142/mark-zuckerberg-tells-harvard-graduates-to-embrace-globalism-a-sense-of-purpose?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20170526

Additional Informational

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

Decoding Gobekli Tepe with Archaeoastronomy: What does the fox say?
http://www.research.ed.ac.uk/portal/files/33194700/MAA_TEMPLATE_Decoding_Gobekli_Tepe_final.pdf

TED Talk, When people of Muslim heritage challenge fundamentalism
https://www.ted.com/talks/karima_bennoune_the_side_of_terrorism_that_doesn_t_make_headlines

Remembering Margaret Davidson
<http://oceanservice.noaa.gov/aa-updates/margaret-davidson-052417.html>