

Weekly Science Report

May 5, 2017

“Change is inevitable, conquer it or it will conquer you.”

Ralph Waldo Emerson

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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

DNA of Ancient Skeleton linked to Modern Indigenous Peoples

<http://www.smithsonianmag.com/smart-news/dna-ancient-skeleton-linked-todays-indigenous-peoples-180962831/#zfX18grChVEGvG2j.01>

'Last African dinosaur' discovered in Moroccan mine

<https://phys.org/news/2017-05-african-dinosaur-moroccan.html>

Genetic analysis reveals patterns of migration of early Bantu speaking people

<https://phys.org/news/2017-05-genetic-analysis-reveals-patterns-migration.html>

History

'If I had my gun on me, I'd shoot him': the civil war over statues in New Orleans

<https://www.theguardian.com/cities/2017/may/01/gun-shoot-civil-war-statues-new-orleans>

'Dunkirk' Trailer: Christopher Nolan Delivers Epic-Scaled Wartime Action

<https://www.yahoo.com/movies/dunkirk-trailer-christopher-nolan-delivers-epic-scaled-wartime-action-170615841.html>

Trump's totally bizarre claim about avoiding the Civil War

https://www.washingtonpost.com/news/the-fix/wp/2017/05/01/trumps-totally-bizarre-claim-about-avoiding-the-civil-war/?tid=sm_fb&utm_term=.ea94b1ee4c9f

'Oldest human' dies in Indonesia 'aged 146'

http://www.bbc.com/news/world-asia-39768321?ocid=socialflow_facebook&ns_mchannel=social&ns_campaign=bbcnews&ns_source=facebook

This digital archive of slave voyages details the largest forced migration in history

http://www.pbs.org/newshour/rundown/digital-archive-slave-voyages-details-largest-forced-migration-history/?utm_source=facebook&utm_medium=pbsofficial&utm_campaign=newshour

Hunting down runaway slaves: The cruel ads of Andrew Jackson and 'the master class'

https://www.washingtonpost.com/news/retropolis/wp/2017/04/11/hunting-down-runaway-slaves-the-cruel-ads-of-andrew-jackson-and-the-master-class/?tid=sm_fb&utm_term=.deb5e8da4a3e

After Setbacks and Suits, Miami to Open Science Museum

<https://www.nytimes.com/2017/05/03/science/miami-science-museum-.html?partner=IFTTT&r=1>

Body of 19th century serial killer exhumed near Philadelphia

https://apnews.com/ca90d01d4f4a4acfa90a07c581927fdf/Body-of-19th-century-serial-killer-exhumed-near-Philadelphia?utm_campaign=SocialFlow&utm_source=Twitter&utm_medium=APEastRegion

That other time President Trump got his Civil War facts all wrong

<http://www.cnn.com/2017/05/04/politics/trump-fake-battle-trnd/index.html?sr=fbCNN050417trump-fake-battle-trnd0331PMStoryLink&linkId=37189806>

Last survivor of Hindenburg disaster: 'The air was on fire'

<https://apnews.com/429ce100ace2481c894f41d9d7ea1e78>

An Auschwitz Magician's Greatest Trick: Holding the Horrors at Bay

<https://www.nytimes.com/2017/05/05/nyregion/auschwitz-magician-nivelli-war-play.html?smid=tw-nytmetro&smtyp=cur&r=1>

Classical Dance Tells Story of Cambodian Genocide's Forced Marriages

<http://www.nbcnews.com/news/asian-america/classical-dance-tells-story-cambodian-genocide-s-forced-marriages-n752516>

World needs 'soft power' of education, culture, sciences, to combat 'ancient hatreds'— UNESCO chief

<http://www.un.org/apps/news/story.asp?NewsID=56693#.WQzc1WczUdU>

Archaeology

Second Monumental Arch of Titus Celebrating Victory over Jews Found in Rome

<http://www.haaretz.com/archaeology/1.778103>

How to Decode an Ancient Roman's Handwriting

<http://www.newyorker.com/tech/elements/how-to-decode-an-ancient-romans-handwriting>

7 Abandoned Medieval Villages Seen From the Air (And One From Under the Sea)

<https://digventures.com/2017/04/7-abandoned-medieval-villages-seen-from-the-air-and-one-from-under-the-sea/>

Hermitage to loan Scythian treasures for British Museum show

[http://theartnewspaper.com/news/treasures-of-scythian-tombs-are-coming-to-the-british-museum-/
/](http://theartnewspaper.com/news/treasures-of-scythian-tombs-are-coming-to-the-british-museum-/)

Official launch of public database of 'at risk' archaeological sites

<http://www.heritagedaily.com/2017/05/official-launch-of-public-database-of-at-risk-archaeological-sites/114717>

Egyptology

5 Things to Consider When Dealing With Egyptian Artefacts

<https://icon.org.uk/news/5-things-to-consider-when-dealing-with-egyptian-artefacts>

General Science

3-D printers open new design space for wireless devices

<https://phys.org/news/2017-05-d-printers-space-wireless-devices.html>

Sandwiched between superconductors, graphene adopts exotic electronic states

<https://phys.org/news/2017-05-sandwiched-superconductors-graphene-exotic-electronic.html>

Researchers achieve direct counterfactual quantum communication

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

Physics, Earth and Space Sciences

A cosmic-ray hunter closes in on Super-Energetic Particles

https://www.wired.com/2017/04/cosmic-ray-hunter-closes-super-energetic-particles/?mbid=nl_43017_p10&CNDID=41291302

A Massive Lake Of Molten Carbon The Size Of Mexico Was Just Discovered Under The US

<https://www.forbes.com/sites/trevornace/2017/04/30/a-massive-lake-of-molten-carbon-the-size-of-mexico-was-just-discovered-under-the-us/#3753d21420bb>

We Have Better Maps of Mars than of the Ocean Floor. Drones Could Change That

http://www.govtech.com/education/We-Have-Better-Maps-Mars-than-of-the-Ocean-Floor-Drones-Could-Change-That.html?utm_content=bufferfc617&utm_medium=social&utm_source=twitter.com&utm_campaign=buffer

At the bottom of the sea, glass sphere prepare to hunt for mysterious neutrinos

https://www.wired.com/2017/04/bottom-sea-giant-sphere-prepares-hunt-mysterious-neutrinos/?mbid=nl_42017_p7&CNDID=41291302

NASA is offering a \$15,000 prize if you can speed up its simulation code

<https://www.theverge.com/2017/5/4/15549276/nasa-hpcc-fun3d-fluid-simulation-fortran-challenge>

U.S. instrument team to fly camera on South Korean moon mission

<https://spaceflightnow.com/2017/04/28/u-s-instrument-team-to-fly-camera-on-south-korean-moon-mission/>

Cassini finds 'The Big Empty' close to Saturn

<https://phys.org/news/2017-05-cassini-big-saturn.html>

Astronomer ponders the idea of looking for long extinct intelligent alien life

<https://phys.org/news/2017-05-astronomer-ponders-idea-extinct-intelligent.html>

Earth's Magnetic Field Is Going To Flip, Here's How We Know

https://www.seeker.com/earths-magnetic-field-is-going-to-flip-heres-how-we-know-2303474220.html?utm_campaign=socialflow&utm_source=facebook&utm_medium=dnewsocial

Nasa discovers entire solar system that is 'remarkably similar' to ours

<http://www.independent.co.uk/news/science/nasa-new-solar-system-planetary-epsilon-eridani-stratospheric-observatory-for-infrared-astronomy-a7714701.html>

Eerie 'Big Empty' Found Near Saturn Has Scientists Scratching Their Heads

http://www.nbcnews.com/mach/space/eerie-big-empty-found-near-saturn-has-scientists-scratching-their-n754261?cid=sm_npd_nn_fb_ma

Environment, Climate Change and Alternative Energy Sources

This drone once fought wars. Now it's fighting climate change

https://www.wired.com/2017/05/drone-fought-wars-now-fighting-climate-change/?mbid=nl_5117_p4&CNDID=41291302

This Incredible Skyscraper Is Also a Farm That Can Feed a Village

https://www.globalcitizen.org/en/content/this-incredible-skyscraper-is-also-a-farm-that-can/?utm_source=facebook&utm_medium=social&utm_content=global&utm_campaign=general-content&linkId=37013107

Environmentalists, Coal Companies Rally Around Technology To Clean Up Coal

http://www.npr.org/sections/thetwo-way/2017/05/01/524764617/environmentalists-coal-companies-rally-around-technology-to-clean-up-coal?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20170501

High Ground Is Becoming Hot Property as Sea Level Rises

https://www.scientificamerican.com/article/high-ground-is-becoming-hot-property-as-sea-level-rises/?WT.mc_id=SA_FB_ENGYSUS_NEWS

Decline of Great Barrier Reef Provokes Calls for Geoengineering Techniques

https://www.seeker.com/earth/climate/decline-of-great-barrier-reef-provokes-calls-for-geoengineering-techniques?utm_campaign=socialflow&utm_source=facebook&utm_medium=dnewssocial

Antarctic Peninsula ice more stable than thought

<https://phys.org/news/2017-05-antarctic-peninsula-ice-stable-thought.html>

New look at satellite data questions scale of China's afforestation success

<https://phys.org/news/2017-05-satellite-scale-china-afforestation-success.html>

Iceland drills 4.7 km down into volcano to tap clean energy

<https://phys.org/news/2017-05-iceland-drills-km-volcano-energy.html>

Biological, Genetics and Medical Sciences

The go-to-gene sequencing machine with very strange results

https://www.wired.com/2017/04/geneticists-fear-illumina-sequencers-may-distort-results/?mbid=nl_42017_p1&CNDID=41291302

Researchers develop new tumor-shrinking nanoparticle to fight cancer, prevent recurrence

<https://phys.org/news/2017-05-tumor-shrinking-nanoparticle-cancer-recurrence.html>

Deadly 'superbug' fungus emerging in U.S. hospitals

<https://www.usatoday.com/story/news/2017/05/04/deadly-superbug-fungus-emerging-us-hospitals/101282320/>

Other

March for Science: Protesters gather worldwide to support 'evidence'

<http://edition.cnn.com/2017/04/22/health/global-march-for-science/index.html>

'Ghost' picture of young girl in the woods has Upstate New York town buzzing about the paranormal

<https://www.usatoday.com/story/news/nation/2017/05/04/ghost-picture-young-girl-woods-has-upstate-new-york-town-buzzing-paranormal/101276860/>

Additional Informational

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

Next List 2017: 20 People Who Are Creating the Future
https://www.wired.com/2017/04/20-people-creating-future-next-list-2017/?mbid=nl_42517_p1&CNDID=41291302

Netflix, Mars Generation Trailer
<https://www.youtube.com/watch?v=q2FEbIUv-o4>

Asteroid Day Newsletter
<http://mailchi.mp/asteroidday/asteroid-season-kick-off-newsletter-1909901?e=dee220d1a0>

TED Talk, The world doesn't need more nuclear weapons
https://www.ted.com/talks/erika_gregory_the_world_doesn_t_need_more_nuclear_weapons

Interior Department Releases List of Monuments Under Review, Announces First-Ever Formal Public Comment Period for Antiquities Act Monuments
<https://www.doi.gov/pressreleases/interior-department-releases-list-monuments-under-review-announces-first-ever-formal>

Why science should cherish its rebels
<https://grahamhancock.com/hancockg17/>

Antiquities Act: Five Things You Should Know (Updated)
<http://forum.savingplaces.org/blogs/janelle-diluccia/2017/04/19/antiquities-act-five-things-you-should-know>

The paste plaques and cylinders of Chanhudaro: A descriptive report
<https://www.harappa.com/content/paste-plaques-and-cylinders-chanhudaro-descriptive-report>

TED Talk, A simple birth kit for mothers in the developing world
https://www.ted.com/talks/zubaida_bai_a_simple_birth_kit_for_mothers_in_the_developing_world

Serial Killer's Secret Photos
http://www.cbsnews.com/pictures/serial-killers-secret-photos-24-9-10/?ftag=ACQ449302a&vndid=1860191926&nan_pid=1860191926&ad_id=5945727