

Weekly Science Report

October 20, 2017

“Most of us want humanity to survive for a simple reason: We hope there’s a chance for our families and civilizations to endure and improve over the long term.”

Annalee Newitz

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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

Ancient, lost mountains in the Karoo reveals the secrets of massive extinction event
https://www.eurekalert.org/pub_releases/2017-10/uotw-alm101817.php

History

'Nazi Grandma,' 88, Convicted of Holocaust Denial in Germany

https://www.yahoo.com/news/apos-nazi-grandma-apos-88-121215914.html?utm_content=buffer4070a&utm_medium=social&utm_source=facebook.com&utm_campaign=buffer

Study reshapes understanding of climate change's impact on early societies

<https://news.yale.edu/2017/10/17/study-reshapes-understanding-climate-changes-impact-early-societies>

A Trove of Yiddish Artifacts Rescued From the Nazis, and Oblivion

https://www.nytimes.com/2017/10/18/arts/a-trove-of-yiddish-artifacts-rescued-from-the-nazis-and-oblivion.html?emc=edit_th_20171019&nl=todaysheadlines&nlid=43010398

Indonesia massacres: Declassified US files shed new light

<http://www.bbc.com/news/world-asia-41651047>

French aviators credited with transatlantic flight

<http://www.bbc.com/news/world-europe-41656406>

The Hidden Stories of the York Gospel

<https://www.archaeology.org/issues/275-1711/from-the-trenches/6014-trenches-england-york-gospel-dna>

A college professor criticized Trump. Now the White House wants an investigation

https://www.salon.com/2017/10/10/a-college-professor-criticized-trump-now-the-white-house-wants-an-investigation/?utm_source=facebook&utm_medium=social&utm_campaign=salon

Ancient Turkish town prepares to vanish under floodwaters

<https://phys.org/news/2017-10-ancient-turkish-town-floodwaters.html>

Researchers have found signs of ritual violence on skeletons from an ancient civilization in the Andes

<http://www.independent.co.uk/news/science/pacopampa-peru-andes-archaeology-ritual-violence-skeletons-ancient-civilization-discovery-torture-a8011076.html>

Archaeology

World Monuments Fund recognises sites threatened by conflict, climate change and natural disasters

<http://theartnewspaper.com/news/world-monuments-fund-recognises-sites-threatened-by-conflict-climate-change-and-natural-disasters>

Massive section of Western Wall and Roman theater uncovered after 1,700 years

<https://www.timesofisrael.com/massive-section-of-western-wall-and-roman-theater-uncovered-after-1700-years/>

Stonehenge builders 'ate food from Scotland'

<http://www.bbc.com/news/uk-scotland-north-east-orkney-shetland-41669774>

Athenia: Is this the wreck of the first British ship torpedoed in WW2?

<http://www.bbc.com/news/science-environment-41503664>

Research sheds new light on early turquoise mining in Southwest

https://www.eurekalert.org/pub_releases/2017-10/uoa-rsn101817.php

The Most Spectacular Mosaics Exposed in Israel to Receive the Most Spectacular Permanent Home in Lod

<http://www.jewishpress.com/news/israel/the-most-spectacular-mosaics-exposed-in-israel-to-receive-the-most-spectacular-permanent-home-in-lod/2017/10/20/>

Iron Age skeletal remains discovered on Irish coast after Storm Ophelia

<http://irishpost.co.uk/iron-age-skeletal-remains-discovered-on-irish-coast-after-storm-ophelia/>

400 Mysterious Ancient Stone Structures Discovered in Saudi Arabia

<https://www.livescience.com/60698-mysterious-stone-structures-discovered-saudi-arabia.html>

Egyptology

Volcanic eruptions linked to social unrest in Ancient Egypt

https://www.eurekalert.org/pub_releases/2017-10/fe-vel101317.php

General Science

How Women Are Harassed Out of Science

<https://www.theatlantic.com/science/archive/2016/07/how-women-are-harassed-out-of-science/492521/>

This Robot Tractor Is Ready to Disrupt Construction

https://www.wired.com/story/this-robot-tractor-is-ready-to-disrupt-construction/?mbid=nl_101917_daily_list3_p2

To Survive the Streets, Robocars Must Learn to Think Like Humans

https://www.wired.com/story/self-driving-cars-freezing-robot-problem/?mbid=nl_101917_daily_list3_p3

Physics, Earth and Space Sciences

How Scientists Predict If a Spacecraft Will Fall and Kill You

https://www.wired.com/story/how-scientists-predict-if-a-spacecraft-will-fall-and-kill-you/?mbid=nl_101917_daily_list1_p3

Neutron Stars Collide, and Astrophysics Feels the Ripple

https://www.wired.com/story/physicists-detect-fifth-gravitational-wave-this-time-from-neutron-stars/?mbid=nl_101617_daily_list1_p5

Lunar Scientists Want to Hitch a Ride on America's Next Moonshot

https://www.wired.com/story/lunar-scientists-want-hitch-a-ride-on-americas-next-moonshot/?mbid=nl_101617_daily_list3_p3

Astronomers measure Milky Way using radio waves

<https://www.cbsnews.com/news/astronomers-measure-milky-way-using-radio-waves/>

Mapping the Great Barrier Reef with cameras, drones and NASA tech

<https://www.cbsnews.com/news/mapping-the-great-barrier-reef-with-cameras-drones-and-nasa-tech/>

The place spacecraft go to die

<http://www.bbc.com/news/science-environment-41683839>

MAVEN mission finds Mars has a twisted tail

<https://phys.org/news/2017-10-maven-mission-mars-tail.html>

Environment, Climate Change and Alternative Energy Sources

University of Utah to get half its power from renewable sources under new deal with energy providers

<http://www.sltrib.com/news/education/2017/10/10/university-of-utah-to-get-half-its-power-from-renewable-sources-under-new-deal-with-energy-providers/>

More acidic oceans 'will affect all sea life'

<http://www.bbc.com/news/science-environment-41653511>

Wind turbines off coast of Scotland make waves in renewable energy

<https://techxplore.com/news/2017-10-turbines-coast-scotland-renewable-energy.html>

Biological, Genetics and Medical Sciences

Whales and dolphins have rich 'human-like' cultures and societies

<https://phys.org/news/2017-10-whales-dolphins-rich-human-like-cultures.html#jCp>

The Hunt for the Brain-Eating Amoebas of Yellowstone

https://www.wired.com/story/the-hunt-for-the-brain-eating-amoebas-of-yellowstone/?mbid=nl_101817_daily_list1_p2

Other

The “Science” Behind “Geostorm”, the Newest Weather-Fueled Doomsday Flick

<https://www.smithsonianmag.com/science-nature/science-behind-geostorm-newest-weather-fueled-doomsday-flick-180965303/#9UkLbxK8htE97S66.99>

Where's the Proof That Mindfulness Meditation Works?

<https://www.scientificamerican.com/article/wheres-the-proof-that-mindfulness-meditation-works1/>

Baltimore middle-schoolers' viral rendition of 'Rise Up' helps soothe a troubled nation

https://www.washingtonpost.com/news/inspired-life/wp/2017/10/13/baltimore-middle-schoolers-viral-rendition-of-rise-up-helps-soothe-a-troubled-nation/?hpid=hp_hp-cards_hp-card-local%3Ahomepage%2Fcard&utm_term=.062a167489b4

How to combat racial bias: Start in childhood

<https://theconversation.com/how-to-combat-racial-bias-start-in-childhood-85352>

Additional Informational

Statement Regarding the United States of America's Intention to Withdraw from UNESCO

<http://uscbs.org/news/statement-regarding-united-states-americas-intention-withdraw-unesco/>