

**Weekly Science Report**  
**October 13, 2017**

**“The world is a book, and those who do not travel read only a page.”**

Saint Augustine

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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

Genome-wide data from a 40,000-year-old man in China reveals complicated genetic history of Asia  
[https://www.eurekalert.org/pub\\_releases/2017-10/caos-gdf101317.php](https://www.eurekalert.org/pub_releases/2017-10/caos-gdf101317.php)

Evolution: The beneficiaries of mass extinction  
[https://www.eurekalert.org/pub\\_releases/2017-10/uob-etb100917.php](https://www.eurekalert.org/pub_releases/2017-10/uob-etb100917.php)

New ichthyosaur species, long gone, found in a storeroom  
[https://www.eurekalert.org/pub\\_releases/2017-10/uon-ni100917.php](https://www.eurekalert.org/pub_releases/2017-10/uon-ni100917.php)

Amazon farmers discovered the secret of domesticating wild rice 4,000 years ago  
[https://www.eurekalert.org/pub\\_releases/2017-10/uoae-afd100817.php](https://www.eurekalert.org/pub_releases/2017-10/uoae-afd100817.php)

Researchers reconstruct how Neanderthals grew  
<http://www.pasthorizonspr.com/index.php/archives/09/2017/researchers-reconstruct-how-neanderthals-grew>

## History

Why Palestine needs national library more than presidential palace

<http://www.al-monitor.com/pulse/originals/2017/10/palestines-national-library-first-step-to-gathering-archive.html>

For Native Americans, a river is more than a 'person,' it is also a sacred place

<https://theconversation.com/for-native-americans-a-river-is-more-than-a-person-it-is-also-a-sacred-place-85302>

U.S. to pull out of UNESCO over concerns of 'anti-Israel bias'

<https://www.usatoday.com/story/news/world/2017/10/12/u-s-pull-out-unesco-amid-palestinian-tensions/757117001/>

Did early Easter Islanders sail to South America before Europeans?

<http://www.sciencemag.org/news/2017/10/did-early-easter-islanders-sail-south-america-europeans>

When 20,000 American Nazis Descended Upon New York City

<https://www.theatlantic.com/video/index/542499/marshall-curry-nazi-rally-madison-square-garden-1939/>

School district removes 'To Kill a Mockingbird' from reading lists for the most alarming reason

[http://mashable.com/2017/10/14/to-kill-a-mockingbird-banned-biloxi-mississippi/?utm\\_cid=mash-com-fb-socmed-link#3Cde80uslmqU](http://mashable.com/2017/10/14/to-kill-a-mockingbird-banned-biloxi-mississippi/?utm_cid=mash-com-fb-socmed-link#3Cde80uslmqU)

Lots of Sweet Potatoes Could've Made Easter Island a Bustling Place

<http://www.smithsonianmag.com/smart-news/easter-island-couldve-been-fairly-crowded-180965020/#xa1MrSQbl3GFa0Jq.01>

Will Trump allow release of secret JFK assassination papers?

<https://www.apnews.com/3c52928fa9c142529497f606d7089883>

This Is Why France Invaded Mexico

<https://www.smithsonianmag.com/videos/category/history/this-is-why-france-invaded-mexico/>

Collection of Eleanor Roosevelt's Writing Captures the First Lady's Lasting Relevance

<https://www.smithsonianmag.com/history/collection-eleanor-roosevelt-writing-captures-first-lady-lasting-relevance-180965229/>

Scientists Analyze DNA of Canada's Lost Beothuk People

<https://www.archaeology.org/news/5986-171013-canada-beothuk-dna>

From Prejudice to Pride

<https://www.hakaimagazine.com/features/prejudice-pride>

Audrey Azoulay, former French culture minister, to be Unesco's next director-general

<http://theartnewspaper.com/news/audrey-azoulay-former-french-culture-minister-to-be-unesco-s-next-director-general>

## Archaeology

Archaeologists decipher 3,200-year-old stone telling of invasion of mysterious sea people  
<http://www.independent.co.uk/news/world/europe/archaeologists-decipher-ancient-stone-turkey-invasion-mysterious-sea-people-luwain-hieroglyphic-a7992141.html>

Peru: Inca citadel remains found in Cusco  
<http://www.andina.com.pe/Ingles/noticia-peru-inca-citadel-remains-found-in-cusco-686051.aspx>

The Invisible Poems Hidden in One of the World's Oldest Libraries  
<https://www.theatlantic.com/science/archive/2017/08/sinai-peninsula-hidden-texts/536313/>

Why did Vikings have 'Allah' embroidered into funeral clothes?  
<http://www.bbc.com/news/world-europe-41567391>

The making of medieval bling  
[https://www.eurekalert.org/pub\\_releases/2017-10/acs-tmo101117.php](https://www.eurekalert.org/pub_releases/2017-10/acs-tmo101117.php)

Reconstructed Auschwitz Letter Reveals Horrors Endured by Forced Laborer  
<https://www.smithsonianmag.com/smart-news/reconstructed-auschwitz-letter-reveals-horrors-endured-forced-laborer-180965238/>

Rwanda: Archaeologists Discover Ancient King's Artifact  
<http://allafrica.com/stories/201710110018.html>

Megalithic Tombs on the Brink of Destruction  
<http://popular-archaeology.com/issue/fall-2017/article/megalithic-tombs-on-the-brink-of-destruction>

## Egyptology

Archaeologists unearth largest-ever discovered obelisk fragment from Egypt's Old Kingdom

<http://english.ahram.org.eg/News/278261.aspx>

French-Swiss archaeological mission unearth mini-pyramid in Saqqara

<http://www.egyptindependent.com/french-swiss-archaeological-mission-unearth-mini-pyramid-saqqara/>

## General Science

Google Offers Help to Industries It Helps to Destroy

[https://www.wired.com/story/google-offers-help-to-industries-it-helps-to-destroy?mbid=nl\\_101317\\_daily](https://www.wired.com/story/google-offers-help-to-industries-it-helps-to-destroy?mbid=nl_101317_daily)

Humanity Gets a Laser-Shooting, Drone-Slaying Dune Buggy

[https://www.wired.com/story/raytheon-drone-laser-dune-buggy?mbid=nl\\_101217\\_daily](https://www.wired.com/story/raytheon-drone-laser-dune-buggy?mbid=nl_101217_daily)

The US Postal Service Is Building a Self-Driving Mail Truck

[https://www.wired.com/story/postal-service-office-self-driving-mail-trucks?mbid=nl\\_101017\\_daily](https://www.wired.com/story/postal-service-office-self-driving-mail-trucks?mbid=nl_101017_daily)

New Theory Cracks Open the Black Box of Deep Neural Networks

[https://www.wired.com/story/new-theory-deep-learning?mbid=nl\\_100817\\_daily&CNDID=%%CUST\\_ID%%](https://www.wired.com/story/new-theory-deep-learning?mbid=nl_100817_daily&CNDID=%%CUST_ID%%)

## Physics, Earth and Space Sciences

Meet the Geek Who Tracks Rogue Satellites With Coat Hangers

[https://www.wired.com/story/meet-the-geek-who-tracks-roque-satellites-with-coat-hangers?mbid=nl\\_101317\\_daily](https://www.wired.com/story/meet-the-geek-who-tracks-roque-satellites-with-coat-hangers?mbid=nl_101317_daily)

New NASA study suggests moon once had an atmosphere

<https://m.phys.org/news/2017-10-nasa-moon-atmosphere.html>

Ring discovered around 'potato-shaped' dwarf planet Haumea

<http://www.abc.net.au/news/science/2017-10-12/ring-found-around-potato-shaped-dwarf-planet-haumea/9034498?section=science>

Half the universe's missing matter has just been finally found

<https://www.newscientist.com/article/2149742-half-the-universes-missing-matter-has-just-been-finally-found/>

Extreme methane rainstorms appear to have a key role in shaping Titan's icy surface

<https://phys.org/news/2017-10-extreme-methane-rainstorms-key-role.html>



## Environment, Climate Change and Alternative Energy Sources

How stoves can help solve a global pollution crisis

<https://www.cbsnews.com/news/how-to-cut-global-pollution-using-solar-cooking/>

How global warming is drying up the North American monsoon

<https://phys.org/news/2017-10-global-north-american-monsoon.html>

Death of the Nile

[http://www.bbc.co.uk/news/resources/idt-sh/death\\_of\\_the\\_nile](http://www.bbc.co.uk/news/resources/idt-sh/death_of_the_nile)

Giant hole reopens in Antarctic ice for the first time in 40 years

<https://www.cbsnews.com/news/giant-hole-reopens-in-antarctica-ice-for-the-first-time-in-40-years/>

NASA Satellite Reveals Source of El Niño–Fueled Carbon Dioxide Spike

<https://www.scientificamerican.com/article/nasa-satellite-reveals-source-of-el-nino-fueled-carbon-dioxide-spike/>

Ceramic Pump That Takes the Heat Promises Cheap, Efficient Grid Storage

<https://www.technologyreview.com/s/609093/ceramic-pump-that-takes-the-heat-promises-cheap-efficient-grid-storage/>

## Biological, Genetics and Medical Sciences

This New Alzheimer's Test Looks Beyond a Single Problem Gene

[https://www.wired.com/story/polygenic-alzheimers-test-predicts-age-of-disease-onset?mbid=nl\\_101017\\_daily](https://www.wired.com/story/polygenic-alzheimers-test-predicts-age-of-disease-onset?mbid=nl_101017_daily)

FDA Vote Sets Stage for Gene Therapy's Future

<https://www.technologyreview.com/s/609075/fda-vote-sets-stage-for-gene-therapys-future/>

## Other

Women Scientists Report Sexual Harassment On Boston University Expeditions

[https://www.yahoo.com/news/women-scientists-report-sexual-harassment-162234608.html?utm\\_content=bufferbb935&utm\\_medium=social&utm\\_source=facebook.com&utm\\_campaign=buffer](https://www.yahoo.com/news/women-scientists-report-sexual-harassment-162234608.html?utm_content=bufferbb935&utm_medium=social&utm_source=facebook.com&utm_campaign=buffer)

Where's the Proof That Mindfulness Meditation Works?

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

Meet Mr. Mumler, the Man Who “Captured” Lincoln’s Ghost on Camera

<https://www.smithsonianmag.com/smithsonian-institution/meet-mr-mumler-man-who-captured-lincolns-ghost-camera-180965090/>

## Additional Informational

The Lion Man: an Ice Age masterpiece

<http://blog.britishmuseum.org/the-lion-man-an-ice-age-masterpiece/>

TED Talks, Why people of different faiths are painting their houses of worship yellow

[https://www.ted.com/talks/nabila\\_alibhai\\_why\\_people\\_of\\_different\\_faiths\\_are\\_painting\\_their\\_houses\\_of\\_worship\\_yellow](https://www.ted.com/talks/nabila_alibhai_why_people_of_different_faiths_are_painting_their_houses_of_worship_yellow)

The Lush Billion-Tree Spectacle of China's Great Green Wall

[https://www.wired.com/story/ian-teh-chinas-great-green-wall?mbid=nl\\_101017\\_daily](https://www.wired.com/story/ian-teh-chinas-great-green-wall?mbid=nl_101017_daily)

We Need a NASA Administrator Who Stands Up for Science

[https://secure.ucsusa.org/onlineactions/CEVS143t\\_E-D-ScehUj4QA2?utm\\_source=facebook&utm\\_medium=social&utm\\_campaign=fb](https://secure.ucsusa.org/onlineactions/CEVS143t_E-D-ScehUj4QA2?utm_source=facebook&utm_medium=social&utm_campaign=fb)

Protecting the Past Conference, Dec 2-4: Tunis, Tunisia

<http://www.protectingthepast.com/>