

**Weekly Science Report  
March 25, 2016**

**“When you were born, you cried and the world rejoiced. Live your life so  
that when you die, the world cries and you rejoice.”**

Cherokee Saying

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## **Introduction**

I created this publication with the support of Graham Hancock and John Anthony West to share news and information on various disciplines to include paleontology, space sciences, genetics and archaeology. My goal behind sharing this publication has always been very simple, by sharing knowledge we can make our world a better place. Since the beginning of the internet age we have always heard of the world being drawn together but through my investigations I've never found a publication like the Weekly Science Report. This publication is my contribution to bring people together and share ideas and discoveries with my 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

Oldest DNA Found Buried With Collection Of Bones At Ancient Site In Spain

[http://www.newsoxy.com/science/oldest-dna-found-36-189994.html?utm\\_content=bufferfe0a1&utm\\_medium=social&utm\\_source=linkedin.com&utm\\_campaign=buffer](http://www.newsoxy.com/science/oldest-dna-found-36-189994.html?utm_content=bufferfe0a1&utm_medium=social&utm_source=linkedin.com&utm_campaign=buffer)

Land bridges linking ancient India and Eurasia were 'freeways' for biodiversity exchange

<http://phys.org/news/2016-03-bridges-linking-ancient-india-eurasia.html>

Human ancestors explored 'out of Africa' despite impaired nasal faculties

<http://phys.org/news/2016-03-human-ancestors-explored-africa-impaired.html>

Earliest evidence of humans in Ireland

<http://www.bbc.com/news/science-environment-35863186>

Site in Germany yields human presence over 1 million years ago

<http://popular-archaeology.com/issue/spring-2016/article/site-in-germany-yields-human-presence-over-1-million-years-ago>

Australopithecus fossils found east of the Great Rift Valley

<http://popular-archaeology.com/issue/spring-2016/article/australopithecus-fossils-found-east-of-the-great-rift-valley>

New insights into why pottery production increased significantly at the end of the last Ice Age

<http://phys.org/news/2016-03-insights-pottery-production-significantly-ice.html>

A golden age of ancient DNA science begins

<http://phys.org/news/2016-03-golden-age-ancient-dna-science.html>

Uncovering the mystery of very early humans in New Mexico

<http://phys.org/news/2016-03-uncovering-mystery-early-humans-mexico.html>

Ancient Denisovan DNA excavated in modern Pacific Islanders

<https://www.sciencedaily.com/releases/2016/03/160317150805.htm>

400,000-year-old fossils from Spain provide earliest genetic evidence of Neandertals

<https://www.mpg.de/10364707/hominins-sima-de-los-huesos>

Isotope studies shed light on Neanderthal diet

<http://www.pasthorizonspr.com/index.php/archives/03/2016/isotope-studies-shed-light-on-neanderthal-diet>

## History

Two Muslim families entrusted with care of holy Christian site for centuries

<http://www.cnn.com/2016/03/26/middleeast/easter-muslim-keyholder/index.html>

A New Addition to #MyDaguerreotypeBoyfriend Is the Civil War's Most Daring Naval Officer

<http://www.smithsonianmag.com/history/civil-war-most-daring-naval-officer-180958503/>

Ancient Mesopotamian culture vanishing before our eyes

<http://popular-archaeology.com/issue/spring-2016/article/ancient-mesopotamian-culture-vanishing-before-our-eyes>

Two-decade research reveals new information about Caral civilization

<http://www.andina.com.pe/ingles/noticia-twodecade-research-reveals-new-information-about-caral-civilization-604481.aspx>

Goths vs. Greeks: Epic Ancient Battle Revealed in Newfound Text

<http://www.livescience.com/54092-goth-greek-battle-revealed-in-ancient-text.html>

City of Biblical Abraham Brimmed With Trade and Riches

<http://news.nationalgeographic.com/2016/03/160311-ur-iraq-trade-royal-cemetery-woolley-archaeology/>

## Archaeology

After 95 years, a Navy ship lost at sea with all hands is finally discovered

[https://www.washingtonpost.com/local/after-95-years-a-navy-ship-lost-at-sea-with-all-hands-is-finally-discovered/2016/03/22/ebe2e29c-eba7-11e5-b0fd-073d5930a7b7\\_story.html?tid=sm\\_fb](https://www.washingtonpost.com/local/after-95-years-a-navy-ship-lost-at-sea-with-all-hands-is-finally-discovered/2016/03/22/ebe2e29c-eba7-11e5-b0fd-073d5930a7b7_story.html?tid=sm_fb)

Archaeologists Uncover Another Branch of the Silk Road

<http://www.scientificamerican.com/article/archaeologists-uncover-another-branch-of-the-silk-road/>

Researchers use synchrotron to read ancient, burned scrolls from Rome

[http://arstechnica.com/science/2016/03/researchers-use-synchrotron-to-read-ancient-burned-scrolls-from-rome/?utm\\_content=buffer77a6&utm\\_medium=social&utm\\_source=linkedin.com&utm\\_campaign=buffer](http://arstechnica.com/science/2016/03/researchers-use-synchrotron-to-read-ancient-burned-scrolls-from-rome/?utm_content=buffer77a6&utm_medium=social&utm_source=linkedin.com&utm_campaign=buffer)

Ancient scrolls give up their secrets

<http://www.bbc.com/news/science-environment-35865470>

Life among the Ruins

[http://www.nytimes.com/2016/03/20/opinion/sunday/life-among-the-ruins.html?smid=tw-share&\\_r=1&mtrref=undefined&gwh=ACA0589417AFDE723D4765F192606BD8&gwt=pay&assetType=opinion](http://www.nytimes.com/2016/03/20/opinion/sunday/life-among-the-ruins.html?smid=tw-share&_r=1&mtrref=undefined&gwh=ACA0589417AFDE723D4765F192606BD8&gwt=pay&assetType=opinion)

Hidden text in England's oldest printed Bible revealed

<http://www.cbsnews.com/news/hidden-text-in-englands-oldest-printed-bible-revealed/>

'Sistine Chapel of the Early Middle Ages' buried for a millennium by an earthquake reopens

<http://www.telegraph.co.uk/news/worldnews/europe/italy/12202354/Sistine-Chapel-of-the-Early-Middle-Ages-buried-for-a-millennium-by-an-earthquake-reopens.html>

The Lost City of Cambodia

<http://www.smithsonianmag.com/history/lost-city-cambodia-180958508/>

German WWI warships rediscovered in Portsmouth Harbour after lying forgotten for decades

<http://www.independent.co.uk/news/science/archaeology/german-imperial-navy-wwi-world-war-one-battleships-warships-portsmouth-harbour-archaeology-a6951241.html>

3,000-year-old Chinese oracle bones go 3-D

<http://phys.org/news/2016-03-year-old-chinese-oracle-bones-d.html>

New Findings on Lao Plain of Jars Help Unravel Ancient Mysteries

<http://www.voanews.com/content/new-findings-on-lao-plain-of-jars-help-unravel-ancient-mysteries/3247010.html>

## Egyptology

Pharaoh Ramesses III Killed by Multiple Assailants, Radiologist Says

<http://news.yahoo.com/pharaoh-ramesses-iii-killed-multiple-assailants-radiologist-says-123819034.html>

Boat discovery sheds light

<http://weekly.ahram.org.eg/News/15777/47/Boat-discovery-sheds-light.aspx>

Holy predynastic graffiti uncovered in Aswan

<http://english.ahram.org.eg/NewsContent/9/40/193114/Heritage/Ancient-Egypt/Holy-predynastic-graffiti-uncovered-in-Aswan.aspx>

Ancient Memphis site to undergo regeneration

<http://www.pasthorizonspr.com/index.php/archives/03/2016/ancient-memphis-site-to-undergo-regeneration>

General Science

Nothing to report

## Physics, Earth and Space Sciences

Meet The U.K.'s Cutting-Edge Research Vessel ... Boaty McBoatface?

[http://www.npr.org/sections/thetwo-way/2016/03/21/471299842/meet-the-u-k-s-cutting-edge-research-vessel-boaty-mcboatface?utm\\_source=facebook.com&utm\\_medium=social&utm\\_campaign=npr&utm\\_term=npnews&utm\\_content=20160321](http://www.npr.org/sections/thetwo-way/2016/03/21/471299842/meet-the-u-k-s-cutting-edge-research-vessel-boaty-mcboatface?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=npnews&utm_content=20160321)

Moon's lack of water down to ancient shift in its spin axis

[https://www.newscientist.com/article/2082113-moons-lack-of-water-down-to-ancient-shift-in-its-spin-axis/?utm\\_source=NSNS&utm\\_medium=SOC&utm\\_campaign=hoot&cmpid=SOC%5BNSNS%5D2016-GLOBAL-hoot](https://www.newscientist.com/article/2082113-moons-lack-of-water-down-to-ancient-shift-in-its-spin-axis/?utm_source=NSNS&utm_medium=SOC&utm_campaign=hoot&cmpid=SOC%5BNSNS%5D2016-GLOBAL-hoot)

Moon village envisioned by European Space Agency

<http://money.cnn.com/2016/03/24/news/moon-village-european-space-agency/index.html?sr=fbCNN032416moon-village-european-space-agency0530PMStoryLink&linkId=22655505>

Moons of Saturn may be younger than the dinosaurs

<http://phys.org/news/2016-03-moons-saturn-younger-dinosaurs.html>

NASA's New Top Astrobiologist Is Spelunking for Alien Life on Earth

<http://www.wired.com/2016/03/nasas-new-top-astrobiologist-spelunking-alien-life-earth/>

Cargo ship brings 3.6 tons of supplies to space station

<http://www.cbsnews.com/news/cargo-ship-brings-3-6-tons-of-supplies-to-station/>

Solar storms trigger intense Northern Lights on Jupiter

<http://www.cbsnews.com/news/solar-storms-trigger-jupiters-intense-northern-lights/>

Ancient Yellowstone Eruptions Bigger Than Thought

<http://news.discovery.com/earth/ancient-yellowstone-eruption-bigger-than-thought-160325.htm>

New simulation of the sun shows both large and small scale processes

<http://phys.org/news/2016-03-simulation-sun-large-small-scale.html>

Astronomers glimpse supernova shockwave

<http://phys.org/news/2016-03-astronomers-glimpse-supernova-shockwave.html>

Asteroid barrage may have birthed a short-lived ocean on Mars

<https://www.newscientist.com/article/2082320-asteroid-barrage-may-have-birthed-a-short-lived-ocean-on-mars/>

Physicists Unleash AI to Devise Unthinkable Experiments

<http://www.scientificamerican.com/article/physicists-unleash-ai-to-devise-unthinkable-experiments/>



## Environment, Climate Change and Alternative Energy Sources

Pigeons in tiny backpacks are measuring air pollution in London

[https://www.washingtonpost.com/news/animalia/wp/2016/03/16/pigeons-in-tiny-backpacks-are-measuring-air-pollution-in-london/?postshare=671458338755651&tid=ss\\_tw-bottom](https://www.washingtonpost.com/news/animalia/wp/2016/03/16/pigeons-in-tiny-backpacks-are-measuring-air-pollution-in-london/?postshare=671458338755651&tid=ss_tw-bottom)

Off Of Tiny Island, Hydraulics Harness Ocean Energy

<http://www.worldcrunch.com/green-or-gone/off-of-tiny-island-hydraulics-harness-ocean-energy/c25s20770/>

Iron nitride transformers could boost energy storage options

<http://phys.org/news/2016-03-iron-nitride-boost-energy-storage.html>

Study: Juneau Ice Field to shrink if warming continues

<http://phys.org/news/2016-03-juneau-ice-field.html>

## Biological, Genetics and Medical Sciences

Thrilling find in Borneo -- a rhino species long thought gone

<http://www.cnn.com/2016/03/23/asia/sumatran-rhino-borneo/index.html?sr=fbcnni032416sumatran-rhino-borneo0745AMStoryLink&linkId=22636475>

Permanent total artificial heart could eliminate the need for transplants

<http://www.foxnews.com/health/2016/03/24/permanent-total-artificial-heart-could-eliminate-need-for-transplants.html>

Graphene smart patch for monitoring diabetes could save lives

[https://www.newscientist.com/article/mg22930661-900-smart-patch-for-diabetes/?utm\\_source=NSNS&utm\\_medium=SOC&utm\\_campaign=hoot&cmpid=SOC%5BNSNS%5D2016-GLOBAL-hoot](https://www.newscientist.com/article/mg22930661-900-smart-patch-for-diabetes/?utm_source=NSNS&utm_medium=SOC&utm_campaign=hoot&cmpid=SOC%5BNSNS%5D2016-GLOBAL-hoot)

Easy-To-Use IUD Inserter Could Aid Women Who Lack Access To Birth Control

<http://www.npr.org/sections/goatsandsoda/2016/03/24/471573719/easy-to-use-iud-inserter-could-aid-women-who-lack-access-to-birth-control?sc=tw>

Synthetic Life Dies Without Mysterious Genes

<http://news.discovery.com/tech/biotechnology/synthetic-life-dies-without-mysterious-genes-160324.htm>

Hawaii finds and loses a second native mammal

<http://www.csmonitor.com/Science/2016/0324/Hawaii-finds-and-loses-a-second-native-mammal>

Blind fish that crawls on land holds clues to evolution

<http://www.cbsnews.com/news/blind-fish-that-crawls-on-land-holds-clues-to-evolution/>

Maggots Modified to Heal Wounds Faster

<http://news.discovery.com/human/health/maggots-modified-to-heal-wounds-faster-160324.htm>

Other

Nothing to report

## Additional Informational

**Star Trek Axanar:** <http://www.startrekaxanar.com/>

Axanar is a ground breaking independent film that proves the idea that a studio doesn't need to spend millions of dollars to produce a feature quality production. Axanar will be the first non-CBS/Paramount produced Star Trek to look and feel like a true Star Trek movie.

- Facebook Page: <https://www.facebook.com/StarTrekAxanar>
- Twitter Page: <https://twitter.com/startrekaxanar>