

**Weekly Science Report  
February 12, 2016**

**“O humankind, we created you from a male and a female, and we made you  
races and tribes for you to get to know each other.”**

Quran (49:13)

**Table of Contents**

<b>Introduction .....</b>	<b>2</b>
<b>News Articles .....</b>	<b>3</b>
Paleontology, Evolution and Prehistoric Studies .....	3
History .....	4
Archaeology .....	5
Egyptology.....	6
General Science.....	7
Physics, Earth and Space Sciences .....	8
Environment, Climate Change and Alternative Energy Sources .....	9
Biological, Genetics and Medical Sciences .....	10
Other.....	11
<b>Additional Informational .....</b>	<b>12</b>

## **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

World's Oldest Temple to Be Restored

<http://ht.ly/Y0yow>

Signs of early settlement in the Nordic region date back to the cradle of civilisation

<http://www.lunduniversity.lu.se/article/signs-of-early-settlement-in-the-nordic-region-date-back-to-the-cradle-of-civilisation>

Fear of a vengeful God may explain humanity's global expansion

[https://www.washingtonpost.com/news/acts-of-faith/wp/2016/02/12/fear-of-a-vengeful-god-may-explain-humanitys-global-expansion/?tid=sm\\_fb](https://www.washingtonpost.com/news/acts-of-faith/wp/2016/02/12/fear-of-a-vengeful-god-may-explain-humanitys-global-expansion/?tid=sm_fb)

Fossils Shed New Light on Human-Gorilla Split

<http://news.yahoo.com/fossils-shed-light-human-gorilla-split-141205911.html>

Some 5,000 years ago, silver mining on the shores of the Aegean Sea

<https://www.sciencedaily.com/releases/2016/02/160210110630.htm#%2EVr-OTx3nRXo%2Elinkedin>

Fearsome Australian 'lion' could climb trees, study says

<http://www.bbc.com/news/world-australia-35557269>

Ancient flowering plant was beautiful -- but probably poisonous

[http://www.eurekalert.org/pub\\_releases/2016-02/osu-afp021116.php](http://www.eurekalert.org/pub_releases/2016-02/osu-afp021116.php)

South Africa's Sterkfontein Caves produce 2 new hominin fossils

[http://www.eurekalert.org/pub\\_releases/2016-02/uotw-sas021116.php](http://www.eurekalert.org/pub_releases/2016-02/uotw-sas021116.php)

Study: Fossil record disappears at different rates

[http://www.eurekalert.org/pub\\_releases/2016-02/uow-sfr020516.php](http://www.eurekalert.org/pub_releases/2016-02/uow-sfr020516.php)

Jawless fish brains more similar to ours than previously thought

<http://phys.org/news/2016-02-jawless-fish-brains-similar-previously.html>

## History

125-year mini ice age linked to the plague and fall of empires

[https://www.newscientist.com/article/2076713-125-year-mini-ice-age-linked-to-the-plague-and-fall-of-empires/?utm\\_source=NSNS&utm\\_medium=SOC&utm\\_campaign=hoot&cmpid=SOC%7CNSNS%7C2016-GLOBAL-hoot](https://www.newscientist.com/article/2076713-125-year-mini-ice-age-linked-to-the-plague-and-fall-of-empires/?utm_source=NSNS&utm_medium=SOC&utm_campaign=hoot&cmpid=SOC%7CNSNS%7C2016-GLOBAL-hoot)

'Last survivors must speak out': Auschwitz baby

<http://news.yahoo.com/last-survivors-must-speak-auschwitz-baby-043106423.html>

Dating dispute over 'oldest Koran'

<http://www.bbc.com/news/uk-england-35495035>

History's Most Sadistic Serial Killer

[http://www.ozy.com/flashback/historys-most-sadistic-serial-killer/40585?utm\\_source=HF1&utm\\_medium=pp&utm\\_campaign=pp](http://www.ozy.com/flashback/historys-most-sadistic-serial-killer/40585?utm_source=HF1&utm_medium=pp&utm_campaign=pp)

Break in 'unholy' cold case: Police arrest former beauty queen's priest in her 1960 killing

<https://www.washingtonpost.com/news/morning-mix/wp/2016/02/10/break-in-unholy-cold-case-police-arrest-former-beauty-queens-priest-in-her-1960-killing/>

After More Than 450 Years, Catholicism Returns To King Henry VIII's Palace

<http://www.npr.org/sections/thetwo-way/2016/02/10/466292112/after-more-than-450-years-catholicism-returns-to-king-henry-viiis-palace>

Anne Frank's 'uncensored diary' to hit theaters

<http://www.israelnationalnews.com/News/News.aspx/207703#.VsIQhps07am>

A Handful of New York Museums Let Visitors Go behind the Scenes, Exploring Their Brimming Storage Facilities

<https://www.artsy.net/article/artsy-editorial-new-york-museums-open-their-storage-to-the-public-putting-their-vast-collections-on-display>

5 Surprising Moments From History You Didn't Know About

[http://www.ozy.com/wildcard/5-surprising-moments-from-history-you-didnt-know-about/64833?utm\\_source=NH&utm\\_medium=pp&utm\\_campaign=pp](http://www.ozy.com/wildcard/5-surprising-moments-from-history-you-didnt-know-about/64833?utm_source=NH&utm_medium=pp&utm_campaign=pp)

US Supreme Court Justice Antonin Scalia Dead at 79

<http://news.discovery.com/human/life/us-supreme-court-justice-antonin-scalia-dead-at-79-160214.htm>

## Archaeology

Operation Hidden Idol

<http://ht.ly/Y8VmD>

St. Augustine officials say their voices were heard as 'citizen archaeology' bill stalls

<http://staugustine.com/news/local-news/2016-02-09/st-augustine-officials-say-their-voices-were-heard-citizen-archaeology#.VryJe2dOUdV>

Bronze Age burial near Stonehenge discovered by badger

<http://www.bbc.com/news/uk-england-wiltshire-35523757?SThisFB>

See New Discoveries at the Mysterious City of the Jaguar

[http://news.nationalgeographic.com/2016/02/160209-honduras-lost-city-archaeology-discovery-jaguar-sculptures-photos/?utm\\_content=bufferc9efd&utm\\_medium=social&utm\\_source=plus.google.com&utm\\_campaign=buffer](http://news.nationalgeographic.com/2016/02/160209-honduras-lost-city-archaeology-discovery-jaguar-sculptures-photos/?utm_content=bufferc9efd&utm_medium=social&utm_source=plus.google.com&utm_campaign=buffer)

Last Byzantine church in Ankara close to disappearing

[http://www.hurriyetdailynews.com/last-byzantine-church-in-ankara-close-to-disappearing.aspx?PageID=238&NID=94901&NewsCatID=375&utm\\_content=bufferff455&utm\\_medium=social&utm\\_source=plus.google.com&utm\\_campaign=buffer](http://www.hurriyetdailynews.com/last-byzantine-church-in-ankara-close-to-disappearing.aspx?PageID=238&NID=94901&NewsCatID=375&utm_content=bufferff455&utm_medium=social&utm_source=plus.google.com&utm_campaign=buffer)

First Migrants to Imperial Rome ID'd by Their Teeth

[http://www.livescience.com/53674-first-migrants-to-imperial-rome.html?cmpid=514636\\_20160211\\_58149906&adbid=z12ouzaomkiudtpit04chpy5grymshlhny40k&adbpl=gp&adbpr=101164570444913213957](http://www.livescience.com/53674-first-migrants-to-imperial-rome.html?cmpid=514636_20160211_58149906&adbid=z12ouzaomkiudtpit04chpy5grymshlhny40k&adbpl=gp&adbpr=101164570444913213957)

Drones for research: DePaul University archaeologist to explain UAV use at Fifa

[http://www.eurekalert.org/pub\\_releases/2016-02/du-dfr021016.php](http://www.eurekalert.org/pub_releases/2016-02/du-dfr021016.php)

The Remarkable Cave Temples of Southern India

<http://www.smithsonianmag.com/travel/remarkable-cave-temples-architecture-nagara-dravidian-southern-india-deccan-chalukya-180957971/>

Mysterious Graves Discovered at Ancient European Cemetery

<http://news.nationalgeographic.com/2016/02/160211-oldest-cemetery-burial-europe-baby-upright-germany-hunter-gatherer/>

New-found ruin could be linked to Massacre of Glencoe

<http://www.bbc.com/news/uk-scotland-highlands-islands-35558646>

Effort to unlock secrets of 3,700-year-old woman 'Ava'

<http://www.bbc.com/news/uk-scotland-highlands-islands-35558638>

Vandals strike ancient archeological site near Tucson

<http://www.tucsonnewsnow.com/story/31181585/vandals-strike-ancient-archeological-site-near-tucson>

UNESCO: Machu Picchu improves and leaves 'endangered heritage' list

<http://www.peruthisweek.com/news-unesco-machu-picchu-improves-and-leaves-endangered-heritage-list-108730>

## Egyptology

Study, conservation and display of a rare pair of curtains from Late Antique Egypt

<http://blog.britishmuseum.org/2016/02/04/study-conservation-and-display-of-a-rare-pair-of-curtains-from-late-antique-egypt/>

Hatshepsut Artifacts Identified in University Collection

<http://www.archaeology.org/news/4149-160212-hatshepsut-miniature-artifacts>

Egyptian archaeologists call for tougher security measures after 'sale of pyramid pieces'

<http://english.ahram.org.eg/NewsContent/9/40/186973/Heritage/Ancient-Egypt/Egyptian-archaeologists-call-for-tougher-security-.aspx>

## General Science

Eternal 5D data storage could record the history of humankind

<http://phys.org/news/2016-02-eternal-5d-storage-history-humankind.html>

Team discovers groundbreaking semiconducting material that could lead to much faster electronics

<http://phys.org/news/2016-02-team-groundbreaking-semiconducting-material-faster.html>

## Physics, Earth and Space Sciences

USGS Increases Public Access to Scientific Research

[http://www.usgs.gov/newsroom/article.asp?ID=4449&from=rss&utm\\_source=dlvr.it&utm\\_medium=facebook#.VriXCmdOUdU](http://www.usgs.gov/newsroom/article.asp?ID=4449&from=rss&utm_source=dlvr.it&utm_medium=facebook#.VriXCmdOUdU)

The Comet That Battered Jupiter, and Shook Congress

<http://www.scientificamerican.com/article/s19-the-comet-that-battered-jupiter-and-shook-congress/>

Luxembourg Just Announced a Plan to Mine Asteroids — And It Could Be Worth Trillions

[http://mic.com/articles/134270/luxembourg-just-announced-a-plan-to-mine-asteroids-and-it-could-be-worth-trillions?utm\\_source=Verge&utm\\_medium=social&utm\\_campaign=partner#.IaiaDqBEM](http://mic.com/articles/134270/luxembourg-just-announced-a-plan-to-mine-asteroids-and-it-could-be-worth-trillions?utm_source=Verge&utm_medium=social&utm_campaign=partner#.IaiaDqBEM)

Physicists Detect Gravitational Waves, Proving Einstein Right

<http://www.nytimes.com/2016/02/12/science/ligo-gravitational-waves-black-holes-einstein.html?smid=fb-nytimes&smtyp=cur&r=0>

RIP Philae lander: Scientists give up on the little probe that could

<http://www.cnn.com/2016/02/12/world/philae-lander-farewell/index.html?sr=fbCNN021216philae-lander-farewell0405PMStoryGalLink&linkId=21219973>

Spaceflight lands major contract with federal government

<http://www.bizjournals.com/seattle/blog/2016/02/spaceflight-lands-major-contract-with-federal.html>

Ordnance Survey releases digital map of Mars surface

<http://www.bbc.com/news/technology-35579849>



## Environment, Climate Change and Alternative Energy Sources

Morocco Has Turned on the First Part of the World's Largest Concentrated Solar Power Plant

<http://www.popularmechanics.com/science/green-tech/a19372/morocco-is-building-the-worlds-largest-concentrated-solar-power-plant/>

France becomes world's first county to ban supermarkets from throwing away food

<http://inhabitat.com/france-forces-big-supermarkets-to-donate-unsold-food-to-charity/>

What the Earth will be like in 10,000 years, according to scientists

[https://www.washingtonpost.com/news/energy-environment/wp/2016/02/08/what-the-earth-will-be-like-in-10000-years-according-to-scientists/?tid=sm\\_fb](https://www.washingtonpost.com/news/energy-environment/wp/2016/02/08/what-the-earth-will-be-like-in-10000-years-according-to-scientists/?tid=sm_fb)

U.S. national parks get star treatment in new IMAX film

<http://edition.cnn.com/2016/02/10/travel/national-parks-imax/index.html?sr=cnnfb>

Long-term cement study seeks nuclear waste solution

<http://www.bbc.com/news/science-environment-35571793>

Australia Cuts 110 Climate Scientist Jobs

<http://www.scientificamerican.com/article/australia-cuts-110-climate-scientist-jobs/>

## Biological, Genetics and Medical Sciences

Johns Hopkins approved to perform HIV-positive to HIV-positive organ transplants

<http://www.cnn.com/2016/02/09/health/hiv-organ-transplants/index.html?sr=fbCNN020916hiv-organ-transplants1007AMStoryLink&linkId=21107467>

Boosting Life Span By Clearing Out Cellular Clutter

<http://www.npr.org/sections/health-shots/2016/02/03/465354874/boosting-lifespan-by-clearing-out-cellular-clutter?sc=tw>

Scientists prove feasibility of 'printing' replacement tissue

<http://medicalxpress.com/news/2016-02-scientists-feasibility-tissue.html>

Scientists discover new microbes that thrive deep in the earth

<http://phys.org/news/2016-02-scientists-microbes-deep-earth.html>

Discovery lays the foundation to expand personalized chemotherapy for leukemia patients

<http://medicalxpress.com/news/2016-02-discovery-foundation-personalized-chemotherapy-leukemia.html>

## Other

Researchers 3D print ultralight supercapacitors

<https://www.llnl.gov/news/researchers-3d-print-ultralight-supercapacitors>

The radical plan to destroy time zones

[https://www.washingtonpost.com/news/worldviews/wp/2016/02/12/the-radical-plan-to-destroy-time-zones-2/?tid=sm\\_fb](https://www.washingtonpost.com/news/worldviews/wp/2016/02/12/the-radical-plan-to-destroy-time-zones-2/?tid=sm_fb)

## Additional Informational

Muslim and American: Voices from the White House

<https://www.whitehouse.gov/blog/2016/02/03/muslim-and-american-voices-white-house>

The Butcher's Trail: How the Search for Balkan War Criminals Became the World's Most Successful Manhunt

[http://www.amazon.com/Butchers-Trail-Criminals-Successful-Manhunt/dp/1590516052/ref=sr\\_1\\_1?ie=UTF8&qid=1454428490&sr=8-1&keywords=THE+BUTCHERS+TRAIL](http://www.amazon.com/Butchers-Trail-Criminals-Successful-Manhunt/dp/1590516052/ref=sr_1_1?ie=UTF8&qid=1454428490&sr=8-1&keywords=THE+BUTCHERS+TRAIL)

The Indus: Lost Civilizations

<https://www.harappa.com/content/indus-lost-civilizations>

**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>