

**Weekly Science Report  
February 5, 2016**

**“The difference between stupidity and genius is that genius has its limits.”**  
Albert Einstein

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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

What did the Neanderthals do for us?

<http://www.bbc.com/earth/story/20151116-what-did-the-neanderthals-do-for-us>

Stone Age Horror! Pit Filled with Severed Limbs Uncovered

<http://news.yahoo.com/stone-age-horror-pit-filled-severed-limbs-uncovered-140419878.html>

Mystery invaders conquered Europe at the end of last ice age

<https://www.newscientist.com/article/2076477-mystery-invaders-conquered-europe-at-the-end-of-last-ice-age/>

Model suggests Neanderthal extinction occurred due to human cultural superiority

<http://phys.org/news/2016-02-neanderthal-extinction-due-human-cultural.html>

The rise of humankind, in one mesmerizing map

[https://www.washingtonpost.com/news/wonk/wp/2016/02/02/the-rise-of-humankind-in-one-mesmerizing-map/?tid=sm\\_fb](https://www.washingtonpost.com/news/wonk/wp/2016/02/02/the-rise-of-humankind-in-one-mesmerizing-map/?tid=sm_fb)

Asian stone tools hint humans left Africa earlier than thought

[https://www.newscientist.com/article/2076072-asian-stone-tools-hint-humans-left-africa-earlier-than-thought/?utm\\_source=NSNS&utm\\_medium=SOC&utm\\_campaign=hoot&cmpid=SOC%7CNSNS%7C2016-GLOBAL-hoot](https://www.newscientist.com/article/2076072-asian-stone-tools-hint-humans-left-africa-earlier-than-thought/?utm_source=NSNS&utm_medium=SOC&utm_campaign=hoot&cmpid=SOC%7CNSNS%7C2016-GLOBAL-hoot)

## History

Jordan's royals 'protected' by Circassian guards

<http://www.dailysabah.com/mideast/2016/01/29/jordans-royals-protected-by-circassian-guards>

Is This the Oldest Image of the Virgin Mary?

[http://www.nytimes.com/2016/01/31/opinion/sunday/is-this-the-oldest-image-of-the-virgin-mary.html?smid=fb-nytimes&smtyp=cur&\\_r=1](http://www.nytimes.com/2016/01/31/opinion/sunday/is-this-the-oldest-image-of-the-virgin-mary.html?smid=fb-nytimes&smtyp=cur&_r=1)

The Holocaust's First Historian

[http://www.ozy.com/flashback/the-holocausts-first-historian/66244?utm\\_source=NH&utm\\_medium=pp&utm\\_campaign=pp](http://www.ozy.com/flashback/the-holocausts-first-historian/66244?utm_source=NH&utm_medium=pp&utm_campaign=pp)

Austria's Leopold museum exhibits damaged artworks to raise funds for their restoration

<http://artdaily.com/news/84919/Austria-s-Leopold-museum-exhibits-damaged-artworks-to-raise-funds-for-their-restoration#.Vrf6B-Qo7am>

Long White House tradition nears end for a family descended from a slave

[https://www.washingtonpost.com/politics/long-white-house-tradition-nears-end-for-a-family-descended-from-a-slave/2016/02/06/399ea90e-be02-11e5-9443-7074c3645405\\_story.html?postshare=2941454878121282&tid=ss\\_fb-bottom](https://www.washingtonpost.com/politics/long-white-house-tradition-nears-end-for-a-family-descended-from-a-slave/2016/02/06/399ea90e-be02-11e5-9443-7074c3645405_story.html?postshare=2941454878121282&tid=ss_fb-bottom)

In Rome, a Grand Welcome for 2 Long-Deceased Saints

[http://www.nytimes.com/2016/02/06/world/europe/in-rome-a-grand-welcome-for-2-long-deceased-saints.html?hp&action=click&pgtype=Homepage&clickSource=story-&\\_r=0](http://www.nytimes.com/2016/02/06/world/europe/in-rome-a-grand-welcome-for-2-long-deceased-saints.html?hp&action=click&pgtype=Homepage&clickSource=story-&_r=0)

Video: Higgs Boson, the Nobel Physics Prize and Lakota Astronomy

<http://indiancountrytodaymedianetwork.com/2013/10/12/video-higgs-boson-nobel-physics-prize-and-lakota-astronomy-151725>

Police Raid Homes of Elderly Nazi SS Suspects Over 1944 Massacre

[http://www.nbcnews.com/news/world/police-raid-homes-elderly-nazi-ss-suspects-over-1944-massacre-n506761?cid=sm\\_fb](http://www.nbcnews.com/news/world/police-raid-homes-elderly-nazi-ss-suspects-over-1944-massacre-n506761?cid=sm_fb)

Dutch thrift shop returns 1942 wedding book of couple murdered at Auschwitz

<http://www.jta.org/2016/01/29/news-opinion/world/dutch-thrift-shop-returns-1942-wedding-book-of-couple-murdered-at-auschwitz#.Vq7kGxoPTtM.twitter>

Penn Museum moves history (carefully) to make way for future

[http://www.philly.com/philly/news/science/20160130\\_Penn\\_Museum\\_moves\\_history\\_carefully\\_to\\_make\\_way\\_for\\_future.html#S8GE9gEzjuEmzOGI.99](http://www.philly.com/philly/news/science/20160130_Penn_Museum_moves_history_carefully_to_make_way_for_future.html#S8GE9gEzjuEmzOGI.99)

Proposed World War I Memorial Designed by 25-Year-Old Novice Architect

<http://www.military.com/daily-news/2016/01/27/new-world-war-i-memorial-designed-25-year-old-novice-architect.html>

The real reason Mary Ingalls went blind

<http://edition.cnn.com/2016/02/03/health/mary-ingalls-blind-little-house-on-prairie/index.html?sr=fbCNN020416mary-ingalls-blind-little-house-on-prairie0939AMStoryGallLink&linkId=20960019>

Pope, Russian patriarch to talk about persecution of Christians

<http://news.yahoo.com/pope-russian-patriarch-talk-persecution-christians-113506923.html>

## Archaeology

How logging, poor waste management and vibrations from crowds are threatening Unesco World Heritage Sites including Machu Picchu and Mont Saint-Michel

<http://ht.ly/XJydB>

Alexandria Lighthouse to be reassembled in original location

<http://thecairopost.youm7.com/news/149009/culture/alexandria-lighthouse-to-be-reassembled-in-original-location>

4,000 year old secret tunnel discovered under ancient Hittite castle in Turkey

<http://www.sott.net/article/305539-4000-year-old-secret-tunnel-discovered-under-ancient-Hittite-castle-in-Turkey>

Ancient gov't building with vault unearthed in Chongqing

<http://www.mb.com.ph/ancient-govt-building-with-vault-unearthed-in-chongqing/#fcti5pJl4V17RF8w.99>

Reviving ancient technology to save a monument

<https://news.byu.edu/news/reviving-ancient-technology-save-monument?platform=hootsuite>

Timbuktu re-opens mausoleums destroyed by Islamists

<http://www.france24.com/en/20160205-mali-timbuktu-mausoleums-rebuilt-unesco>

Monitoring the Antiquity Trade Could Help End Daesh

<http://ht.ly/XFI98>

Turkey police recover stolen Picasso in Istanbul

<http://english.alarabiya.net/en/life-style/art-and-culture/2016/01/30/Turkey-police-recover-stolen-Picasso-in-Istanbul-.html>

UNESCO World Heritage Sites and the Downside of Cultural Tourism

<http://skift.com/2016/01/28/unesco-world-heritage-sites-and-the-downside-of-cultural-tourism/>

Ancient madrasa lies forgotten, neglected in Baghdad

<http://www.al-monitor.com/pulse/originals/2016/01/iraq-historical-school-mustansiriya-madrasa-neglect.html#>

Illegally Looted Roman and Etruscan Antiquities Found in Geneva

<http://ht.ly/XV9N5>

Hundreds of looted antiquities including mosaics from Pompeii and ancient sarcophagi are uncovered in Switzerland

<http://www.dailymail.co.uk/news/article-3427051/Hundreds-looted-antiquities-including-mosaics-Pompeii-ancient-sarcophagi-uncovered-Switzerland.html>

Rome's Lonely Pyramid of Cestius gets a new lease of life

<http://www.theguardian.com/world/2016/feb/04/romes-lonely-pyramid-of-cestius-gets-a-new-lease-of-life>

Old Byzantine Church Found in Underground City in Turkey

<http://eu.greekreporter.com/2016/02/01/old-byzantine-church-found-in-underground-city-in-turkey/>

## Egyptology

Egypt Hopes to Lure Back Wary Tourists With 3-D-Scanned Pyramids, Underwater Museum

<http://www.usnews.com/news/articles/2016-01-29/egypt-hopes-to-lure-back-wary-tourists-with-3-d-scanned-pyramids-underwater-museum>

Did ancient Egypt suffer from climate change?

<http://www.cnn.com/2016/02/01/africa/egypt-queen-discovery-khentkaus/index.html?sr=fbCNN020116egypt-queen-discovery-khentkaus1058AMStoryGalLink&linkId=20841910>

Ancient Egyptian boat discovered near pyramids

<http://news.yahoo.com/ancient-egyptian-boat-discovered-near-pyramids-140800122.html>

## General Science

This futuristic fighter jet will probably be unveiled to America during the Super Bowl

[https://www.washingtonpost.com/news/checkpoint/wp/2016/02/06/this-futuristic-fighter-jet-will-likely-be-unveiled-to-america-during-the-super-bowl/?tid=sm\\_fb](https://www.washingtonpost.com/news/checkpoint/wp/2016/02/06/this-futuristic-fighter-jet-will-likely-be-unveiled-to-america-during-the-super-bowl/?tid=sm_fb)

## Physics, Earth and Space Sciences

Lift-off for Europe's space laser network

<http://www.bbc.com/news/science-environment-35446894>

We're Hosting a 'State of NASA' Event at an Agency Location Nearest You

<http://www.nasa.gov/social/state-of-nasa-2016-social>

Pushing the boundaries of research at NOAA in the sky

<http://research.noaa.gov/News/NewsArchive/LatestNews/TabId/684/ArtMID/1768/ArticleID/11583/Pushing-the-boundaries-of-research-at-NOAA-in-the-sky.aspx>

Chinese photos show moon's surface in vivid detail

<http://www.cnn.com/2016/02/01/asia/china-moon-photos-jade-rabbit/index.html?sr=fbCNN020116china-moon-photos-jade-rabbit0842AMStoryGalLink&linkId=20839600>

Physicists investigate the structure of time, with implications for quantum mechanics and philosophy

<http://phys.org/news/2016-02-physicists-implications-quantum-mechanics-philosophy.html>

NASA Releases Breathtaking 360-Degree Video of Mars

<http://www.popsci.com/explore-mars-in-360-degrees?src=SOC&dom=fb>

NASA's New Planetary Defense Office Gets to Work Protecting Earth

<http://www.scientificamerican.com/article/nasa-s-new-planetary-defense-office-gets-to-work-protecting-earth/>

Buzz Aldrin: The next giant leap for space exploration

<https://www.washingtonpost.com/news/in-theory/wp/2016/02/03/buzz-aldrin-the-next-giant-leap-for-space-exploration/>

Warning Space Aliens: Earth's UFO-Hunting Satellite Is Coming For You

[http://www.huffingtonpost.com/entry/cubesat-hunt-for-ufos\\_us\\_56afbc67e4b0b8d7c2302aa2?utm\\_hp\\_ref=weird-news](http://www.huffingtonpost.com/entry/cubesat-hunt-for-ufos_us_56afbc67e4b0b8d7c2302aa2?utm_hp_ref=weird-news)

Earth Is Actually TWO Planets, Study Finds

[http://www.huffingtonpost.com/entry/earth-two-planets\\_us\\_56b280dde4b01d80b2450fd2?](http://www.huffingtonpost.com/entry/earth-two-planets_us_56b280dde4b01d80b2450fd2?)

ASU satellite selected for NASA Space Launch System's first flight

[https://asunow.asu.edu/20160202-asu-satellite-selected-nasa-space-launch-system-first-flight?utm\\_source=facebook&utm\\_medium=social&utm\\_campaign=1innovation](https://asunow.asu.edu/20160202-asu-satellite-selected-nasa-space-launch-system-first-flight?utm_source=facebook&utm_medium=social&utm_campaign=1innovation)



## Environment, Climate Change and Alternative Energy Sources

Nuclear fusion: Can the stellarator unleash the power?

[https://www.newscientist.com/article/2075031-nuclear-fusion-can-the-stellarator-unleash-the-power/?utm\\_source=NSNS&utm\\_medium=SOC&utm\\_campaign=hoot&cmpid=SOC%7CNSNS%7C2016-GLOBAL-hoot](https://www.newscientist.com/article/2075031-nuclear-fusion-can-the-stellarator-unleash-the-power/?utm_source=NSNS&utm_medium=SOC&utm_campaign=hoot&cmpid=SOC%7CNSNS%7C2016-GLOBAL-hoot)

Tesla's home battery is finally rolling out. First stop: Australia

[http://mashable.com/2016/01/28/first-tesla-powerwall/?utm\\_cid=mash-com-fb-tech-link#F\\_zHO5HUiRqa](http://mashable.com/2016/01/28/first-tesla-powerwall/?utm_cid=mash-com-fb-tech-link#F_zHO5HUiRqa)

You'll never be-leaf what makes up this battery

<http://phys.org/news/2016-01-youll-be-leaf-battery.html>

Can the 'largest cleanup in history' save the ocean?

[https://www.washingtonpost.com/news/inspired-life/wp/2016/02/01/can-the-largest-cleanup-in-history-save-the-ocean/?tid=sm\\_fb](https://www.washingtonpost.com/news/inspired-life/wp/2016/02/01/can-the-largest-cleanup-in-history-save-the-ocean/?tid=sm_fb)

Long-term global warming not driven naturally

<http://phys.org/news/2016-02-long-term-global-driven-naturally.html>

German scientists to conduct nuclear fusion experiment

<http://www.theguardian.com/environment/2016/feb/03/nuclear-fusion-germany-scientists-experiment-angela-merkel>

## Biological, Genetics and Medical Sciences

Genetically Modified Mosquitoes Join The Fight To Stop Zika Virus

<http://www.npr.org/sections/goatsandsoda/2016/01/26/464464459/genetically-modified-mosquitoes-join-the-fight-to-stop-zika-virus?sc=tw>

New Evidence That Alzheimer's Is Transmissible

<http://www.popsoci.com/more-evidence-that-alzheimers-is-transmissible?src=SOC&dom=fb>

Low-Cost Exoskeleton Helps Paraplegics Walk Again

[http://news.discovery.com/tech/robotics/low-cost-exoskeleton-helps-paraplegics-walk-again-160202.htm?utm\\_source=facebook.com&utm\\_medium=social&utm\\_campaign=DNewsSocial](http://news.discovery.com/tech/robotics/low-cost-exoskeleton-helps-paraplegics-walk-again-160202.htm?utm_source=facebook.com&utm_medium=social&utm_campaign=DNewsSocial)

Feds expand 'critical habitat' area for right whales

<http://jacksonville.com/news/metro/2016-01-26/story/feds-expand-critical-habitat-area-right-whales>

U.K. science team receives approval to genetically modify human embryos

<http://www.blastr.com/2016-2-2/uk-science-team-receives-approval-genetically-modify-human-embryos>

## Other

Microsoft Plumbs Ocean's Depths to Test Underwater Data Center

<http://www.nytimes.com/2016/02/01/technology/microsoft-plumbs-oceans-depths-to-test-underwater-data-center.html?smprod=nytcore-iphone&smid=nytcore-iphone-share&r=0>

Why do scientists chase unicorns?

<http://phys.org/news/2016-02-scientists-unicorns.html>

## Additional Informational

Confucius and Kautilya on Establishing Moral Order for Prevention of Government and Market Failures

[http://www.scirp.org/journal/PaperInformation.aspx?PaperID=63195&utm\\_campaign=linkedin&utm\\_medium=ldc](http://www.scirp.org/journal/PaperInformation.aspx?PaperID=63195&utm_campaign=linkedin&utm_medium=ldc)

Corine Wegener talks about the importance of saving cultural heritage

<https://vimeo.com/114164761>

Dietrich Bonhoeffer: Resistance and Execution

[http://www.ushmm.org/information/exhibitions/online-features/special-focus/dietrich-bonhoeffer/resistance-and-execution?utm\\_content=sf20348919&utm\\_medium=spredfast&utm\\_source=facebook&utm\\_campaign=US+Holocaust+Memorial+Museum&sf20348919=1](http://www.ushmm.org/information/exhibitions/online-features/special-focus/dietrich-bonhoeffer/resistance-and-execution?utm_content=sf20348919&utm_medium=spredfast&utm_source=facebook&utm_campaign=US+Holocaust+Memorial+Museum&sf20348919=1)

A Walk around Harappa

<https://www.harappa.com/slideshows/walk-around-harappa>

A Day in the Life of a Library Conservator

<http://blogs.library.duke.edu/preservation/2016/02/05/a-day-in-the-life-of-a-library-conservator/>

Muslim and American: Voices from the White House

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

### **The Destruction of Memory Movie Indiegogo Campaign**

'The Destruction of Memory' is a film that digs deep into the issue of cultural destruction, not just the present situations in Syria and Iraq, but the machinations of the past century and the decisions of the international community that got us to 'where we are'.

<https://www.indiegogo.com/projects/the-destruction-of-memory--3#/story>

The Destruction of Memory Pre-Release Trailer

<https://vimeo.com/143061688>

**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>