

**Weekly Science Report  
January 29, 2016**

**“Go to the people. Learn from them. Live with them. Start with what they know. Build with what they have. The best of leaders when the job is done, when the task is accomplished, the people will say we have done it ourselves.”**

Lao Tzu

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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

Artists complete replica of Lascaux prehistoric cave paintings

<http://www.telegraph.co.uk/news/worldnews/europe/france/12108400/Artists-complete-replica-of-Lascaux-prehistoric-cave-paintings.html>

Ancient extinction of giant Australian bird points to humans

<http://phys.org/news/2016-01-ancient-extinction-giant-australian-bird.html>

New research into the origins of the Austronesian languages

[http://www.eurekalert.org/pub\\_releases/2016-01/uoh-nri012816.php](http://www.eurekalert.org/pub_releases/2016-01/uoh-nri012816.php)

Ancient rodent's brain was big ... but not necessarily 'smart'

[http://www.eurekalert.org/pub\\_releases/2016-01/uot-arb012716.php](http://www.eurekalert.org/pub_releases/2016-01/uot-arb012716.php)

Research team identifies rare dinosaur from Appalachia

[http://www.eurekalert.org/pub\\_releases/2016-01/fsu-rti012516.php](http://www.eurekalert.org/pub_releases/2016-01/fsu-rti012516.php)

Error Found in Study of First Ancient African Genome

<http://www.scientificamerican.com/article/error-found-in-study-of-first-ancient-african-genome/>

East Asia makes a comeback in the human evolution stakes

<https://theconversation.com/columns/darren-curnoe-2101>

Ancient humans dispersed through Arabia during greener times

<http://popular-archaeology.com/issue/winter-2015-2016/article/ancient-humans-dispersed-through-arabia-during-greener-times>

Genetic history of present-day Indians

<http://popular-archaeology.com/issue/winter-2015-2016/article/genetic-history-of-present-day-indians>

## History

Signs of Modern Astronomy Seen in Ancient Babylon

[http://www.nytimes.com/2016/01/29/science/babylonians-clay-tablets-geometry-astronomy-jupiter.html?smid=fb-nytimes&smtyp=cur&\\_r=1](http://www.nytimes.com/2016/01/29/science/babylonians-clay-tablets-geometry-astronomy-jupiter.html?smid=fb-nytimes&smtyp=cur&_r=1)

The long history of Muslims and Christians killing people together

[https://www.washingtonpost.com/news/worldviews/wp/2016/01/25/the-long-history-of-muslims-and-christians-killing-people-together/?tid=sm\\_fb](https://www.washingtonpost.com/news/worldviews/wp/2016/01/25/the-long-history-of-muslims-and-christians-killing-people-together/?tid=sm_fb)

Remember the name Nate Parker. You're going to hear it a lot when 'Birth of a Nation' premieres.

[https://www.washingtonpost.com/news/arts-and-entertainment/wp/2016/01/26/remember-the-name-nate-parker-youre-going-to-hear-it-a-lot-when-birth-of-a-nation-premieres/?tid=sm\\_fb](https://www.washingtonpost.com/news/arts-and-entertainment/wp/2016/01/26/remember-the-name-nate-parker-youre-going-to-hear-it-a-lot-when-birth-of-a-nation-premieres/?tid=sm_fb)

U.S. Nazi hunter has one active case

<http://www.cnn.com/2016/01/27/politics/nazi-hunter-eli-rosenbaum/index.html?sr=fbCNN012716/politics/nazi-hunter-eli-rosenbaum1236PMStoryLink&linkId=20707233>

How Scientists Know When The Last Big Earthquake Happened Here

<http://www.opb.org/news/series/unprepared/jan-26-1700-how-scientists-know-when-the-last-big-earthquake-happened-here/#.VqhPaOSWNWg.twitter>

In Mapping the Holocaust, a Horrifying Lesson in Nazi "Paths to Persecution"

<http://www.pbs.org/wgbh/frontline/article/in-mapping-the-holocaust-a-horrifying-lesson-in-nazi-paths-to-persecution/>

Film: Survivors' kin tell Holocaust stories

<http://www.usatoday.com/story/news/nation-now/2016/01/27/holocaust-war-survivors-family-stories/79404402/>

Pardon Plea by Adolf Eichmann, Nazi War Criminal, Is Made Public

<http://www.msn.com/en-us/news/world/pardon-plea-by-adolf-eichmann-nazi-war-criminal-is-made-public/ar-BBoLRpQ>

Covering up nude statues: Iranians say thanks but no thanks to Italy

[http://www.bbc.com/news/blogs-trending-35423028?ns\\_mchannel=social&ns\\_campaign=bbctrending&ns\\_source=facebook](http://www.bbc.com/news/blogs-trending-35423028?ns_mchannel=social&ns_campaign=bbctrending&ns_source=facebook)

How Did a Spanish Axe Wind Up in Toronto 100 Years Before Europeans?

<https://indiancountrytodaymedianetwork.com/2012/07/09/how-did-spanish-axe-wind-toronto-100-years-europeans-122571>

Stalin 'used secret laboratory to analyse Mao's excrement'

[http://www.bbc.com/news/world-asia-35427926?ocid=socialflow\\_facebook&ns\\_mchannel=social&ns\\_campaign=bbcnews&ns\\_source=facebook](http://www.bbc.com/news/world-asia-35427926?ocid=socialflow_facebook&ns_mchannel=social&ns_campaign=bbcnews&ns_source=facebook)

500 years after reformation, Pope knocks on Lutherans' door

<http://news.yahoo.com/pope-francis-visit-sweden-october-mark-reformation-anniversary-113851358.html>

Spanish missions triggered Native American population collapse, indirect impact on climate

[http://www.eurekalert.org/pub\\_releases/2016-01/smu-smt012616.php](http://www.eurekalert.org/pub_releases/2016-01/smu-smt012616.php)

How Zildjian Cymbals Made It From the Ottoman Empire to Now

<http://www.smithsonianmag.com/videos/category/arts-culture/how-zildjian-cymbals-made-it-from-the-ottoma/>

## Archaeology

Illegal dumping in Roman catacombs leaves precious ancient site polluted

<http://www.theguardian.com/world/2016/jan/26/illegal-dumping-in-roman-catacombs-leaves-precious-ancient-site-polluted>

Iran Urges UNESCO Push to Protect Cultural Heritage in Syria, Iraq

<http://ht.ly/XEBxR>

Partying for Palmyra: A Davos party with a difference

<http://www.bbc.com/news/business-35383436>

The Antiquities Coalition Releases Interactive Map of Culture Under Threat

<http://savingantiquities.org/the-antiquities-coalition-releases-map-of-culture-under-threat/>

Revolutionary War treasure unearthed by N.J. church

[http://www.usatoday.com/story/news/nation-now/2016/01/26/revolutionary-war-treasure-unearthed-nj-church/79332906/?utm\\_source=feedblitz&utm\\_medium=FeedBlitzRss&utm\\_campaign=usatoday-comnation-topstories](http://www.usatoday.com/story/news/nation-now/2016/01/26/revolutionary-war-treasure-unearthed-nj-church/79332906/?utm_source=feedblitz&utm_medium=FeedBlitzRss&utm_campaign=usatoday-comnation-topstories)

Syrian Refugees Build Miniatures of Endangered and Destroyed Landmarks

<http://ht.ly/XzPpf>

China's Great Wall Is Crumbling In Many Places; Can It Be Saved?

[http://www.npr.org/sections/parallels/2016/01/27/464421353/chinas-great-wall-is-crumbling-in-many-places-can-it-be-saved?utm\\_source=facebook.com&utm\\_medium=social&utm\\_campaign=npr&utm\\_term=nprnews&utm\\_content=20160127](http://www.npr.org/sections/parallels/2016/01/27/464421353/chinas-great-wall-is-crumbling-in-many-places-can-it-be-saved?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20160127)

Deploying Technology to Rescue the Past

<http://ht.ly/XEBMk>

Discovery of Burial Ground Backs a Less Conventional Version of Harlem's History

<http://www.nytimes.com/2016/01/28/nyregion/discovery-of-burial-ground-backs-a-less-conventional-version-of-harlems-history.html?action=click&pgtype=Homepage&version=Moth-Visible&moduleDetail=inside-nyt-region-3&module=inside-nyt-region&region=inside-nyt-region&WT.nav=inside-nyt-region&r=1>

Inscriptions on Sharjah tomb prove Oman kingdom existed in third century BC

<http://www.thenational.ae/uae/inscriptions-on-sharjah-tomb-prove-oman-kingdom-existed-in-third-century-bc>

'Fujizuka' mound in Shizuoka dates to Edo Period, survey shows

[http://ajw.asahi.com/article/behind\\_news/social\\_affairs/AJ201601290004](http://ajw.asahi.com/article/behind_news/social_affairs/AJ201601290004)

Archaeologists uncover surprising secret in Bristol Cathedral's first dig for more than 150 years

<http://www.bristolpost.co.uk/Archaeologists-uncover-surprising-secret-Bristol/story-28593821-detail/story.html>

Research reveals K'omoks people's advanced fishing methods a thousand years ago  
<http://www.comoxvalleyecho.com/news/366202521.html>

Study overturns prevailing ideas about sacrifices at Tenochtitlan  
<http://latino.foxnews.com/latino/entertainment/2016/01/25/study-overturns-prevailing-ideas-about-sacrifices-at-tenochtitlan/>

Egyptology

Nothing to report



## General Science

Mark Zuckerberg says there's nothing to fear from artificial intelligence

<http://money.cnn.com/2016/01/27/technology/mark-zuckerberg-artificial-intelligence/index.html?sr=fbCNN012716mark-zuckerberg-artificial-intelligence1116PMStoryLink&linkId=20731042>

London's first driverless cars based on Heathrow 'pods'

[http://www.bbc.com/news/technology-35432687?ocid=socialflow\\_facebook&ns\\_mchannel=social&ns\\_campaign=bbcnews&ns\\_source=facebook](http://www.bbc.com/news/technology-35432687?ocid=socialflow_facebook&ns_mchannel=social&ns_campaign=bbcnews&ns_source=facebook)

Cyborgs Evolving in the US Military

<http://news.discovery.com/tech/robotics/cyborgs-evolving-in-the-us-military-160129.htm>

MIT wins design competition for Elon Musk's Hyperloop

<http://phys.org/news/2016-01-mit-competition-elon-musk-hyperloop.html>

## Physics, Earth and Space Sciences

Lonely planet: Astronomers find galaxy's largest solar system

<http://www.cnn.com/2016/01/27/world/lonely-planet-largest-solar-system/index.html?sr=fbCNN012816lonely-planet-largest-solar-system0233AMStoryLink&linkId=20733754>

This Millennial Might Be the New Einstein

[http://www.ozy.com/rising-stars/this-millennial-might-be-the-new-einstein/65094?utm\\_source=TDB&utm\\_medium=pp&utm\\_campaign=pp&source=TDB&via=FBPage](http://www.ozy.com/rising-stars/this-millennial-might-be-the-new-einstein/65094?utm_source=TDB&utm_medium=pp&utm_campaign=pp&source=TDB&via=FBPage)

Explorer Dies Just Short Of Goal: Crossing The Antarctic Unaided

[http://www.npr.org/sections/thetwo-way/2016/01/25/464274120/explorer-dies-just-short-of-goal-crossing-the-antarctic-unaided?utm\\_source=facebook.com&utm\\_medium=social&utm\\_campaign=npr&utm\\_term=nprnews&utm\\_content=20160125](http://www.npr.org/sections/thetwo-way/2016/01/25/464274120/explorer-dies-just-short-of-goal-crossing-the-antarctic-unaided?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20160125)

NASA Remembers Fallen Heroes This Week, 30 Years After Challenger Tragedy

<http://spacecoastdaily.com/2016/01/nasa-remembers-fallen-heroes-this-week-30-years-after-challenger-tragedy/>

A Space Station, With Surveillance Cameras for Hire

<http://www.nytimes.com/2016/01/26/business/international/a-space-station-with-surveillance-cameras-for-hire.html?smid=fb-nytimes&smtyp=cur&r=0>

How to build a starship – and why we should start thinking about it now

<https://theconversation.com/how-to-build-a-starship-and-why-we-should-start-thinking-about-it-now-53417>

This Is Why No One Can Own the Moon

[http://time.com/4193801/outer-space-treaty-moon/?xid=time\\_socialflow\\_facebook](http://time.com/4193801/outer-space-treaty-moon/?xid=time_socialflow_facebook)

NASA remembers astronauts killed, pledges to reach Mars (Update)

<http://phys.org/news/2016-01-nasa-astronauts-pledges-mars.html>

The mysterious cataclysmic variable star Mu Centauri

<http://phys.org/news/2016-01-mysterious-cataclysmic-variable-star-mu.html>

Heavy fermions get nuclear boost on way to superconductivity

<http://phys.org/news/2016-01-heavy-fermions-nuclear-boost-superconductivity.html>

Moon was produced by a head-on collision between Earth and a forming planet

<http://phys.org/news/2016-01-moon-head-on-collision-earth-planet.html>

Lift-off for Europe's space laser network

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

Bringing time and space together for universal symmetry

<http://phys.org/news/2016-01-space-universal-symmetry.html>

Physicists split on ideas expressed in Hawking's latest black hole paper

<http://phys.org/news/2016-01-physicists-ideas-hawking-latest-black.html>

Why a new physics theory could rewrite the textbooks

<http://phys.org/news/2016-01-physics-theory-rewrite-textbooks.html>

## Environment, Climate Change and Alternative Energy Sources

Paul Allen's Firm Working With Caymans Amid Reports Yacht Damaged Reef

[http://www.nbcnews.com/news/world/paul-allen-s-firm-working-caymans-amid-reports-yacht-damaged-n506671?cid=sm\\_fb](http://www.nbcnews.com/news/world/paul-allen-s-firm-working-caymans-amid-reports-yacht-damaged-n506671?cid=sm_fb)

Carbon dioxide captured from air can be directly converted into methanol fuel

<http://phys.org/news/2016-01-carbon-dioxide-captured-air-methanol.html>

## Biological, Genetics and Medical Sciences

Scientists open the 'black box' of schizophrenia with dramatic genetic discovery

[https://www.washingtonpost.com/news/speaking-of-science/wp/2016/01/27/scientists-open-the-black-box-of-schizophrenia-with-dramatic-genetic-finding/?tid=sm\\_fb](https://www.washingtonpost.com/news/speaking-of-science/wp/2016/01/27/scientists-open-the-black-box-of-schizophrenia-with-dramatic-genetic-finding/?tid=sm_fb)

Proton beam cancer therapy 'effective with fewer side effects'

<http://www.bbc.com/news/health-35440016>

Dog Flu Virus Spreading Across The United States

<http://www.npr.org/sections/health-shots/2016/01/29/464694381/dog-flu-virus-spreading-across-the-united-states>

Octopuses Are Surprisingly Social--and Confrontational

<http://www.scientificamerican.com/article/octopuses-are-surprisingly-social-and-confrontational/>

## Other

Stephen Hawking: Disaster on Earth is Becoming a 'Near Certainty'

[http://time.com/4185253/stephen-hawking-disaster-earth/?xid=time\\_socialflow\\_facebook](http://time.com/4185253/stephen-hawking-disaster-earth/?xid=time_socialflow_facebook)

CIA Releases Secret UFO Files - Including Spaceships Over Britain In 1962

<http://news.yahoo.com/cia-releases-secret-ufo-files-including-084750091.html>

## Additional Informational

High Commissioner Statement on International Day of Commemoration in Memory of the Victims of the Holocaust, 27 January 2016

<http://www.ohchr.org/EN/NewsEvents/Pages/DisplayNews.aspx?NewsID=16989&LangID=E>

Spotlight TEDx Talk: How do we preserve information in the digital age?

<http://owl.li/XG2XV>

Remarks at the UN Holocaust Memorial Ceremony on the International Day of Commemoration in Memory of the Victims of the Holocaust

<http://usun.state.gov/remarks/7109>

Frontline, Memory of the Camps

<http://www.pbs.org/wgbh/frontline/film/memory-of-the-camps/>

**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>