

**Weekly Science Report
January 22, 2016**

“We face many problems, many of them man-made. It is our responsibility to solve them. We need to use our human intelligence to do this. No one seeks out suffering; everyone just wants to be happy. But out of short-sightedness we hatch plans that bring us trouble. We need to find human solutions. We need to consider the needs of coming generations.”

Dalai Lama

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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

Ancient 'massacre' unearthed near Lake Turkana, Kenya

<http://www.bbc.com/news/world-africa-35370374>

'Cave of forgotten dreams' may hold earliest painting of volcanic eruption

<http://www.nature.com/news/cave-of-forgotten-dreams-may-hold-earliest-painting-of-volcanic-eruption-1.19177>

Prehistoric mat reveals ancient Chinese weaving techniques

http://news.xinhuanet.com/english/2016-01/14/c_135010450.htm

Grisly find suggests humans inhabited Arctic 45,000 years ago

<http://www.sciencemag.org/news/2016/01/grisly-find-suggests-humans-inhabited-arctic-45000-years-ago>

New evidence reveals humans on Indonesian island 60,000 years earlier than previously thought

<http://media.uow.edu.au/releases/UOW208488.html>

New discoveries concerning Ötzi's genetic history

<http://popular-archaeology.com/issue/winter-2015-2016/article/new-discoveries-concerning-otzi-s-genetic-history>

History

'Spectacular' discoveries could put Romans in Yorkshire a decade before they settled in York
<http://www.yorkshirepost.co.uk/our-yorkshire/heritage/spectacular-discoveries-could-put-romans-in-yorkshire-a-decade-before-they-settled-in-york-1-7676043>

Last Chance to See: Records of a lunar eclipse from over 3,000 years ago
<http://britishlibrary.typepad.co.uk/asian-and-african/2016/01/last-chance-to-see-records-of-a-lunar-eclipse-from-over-3000-years-ago.html?sthash.n374Z1H1.mjjo#sthash.n374Z1H1.k0FkHL2D.dpuf>

Raoul Wallenberg's Biographer Uncovers Important Clues To What Happened in His Final Days
<http://www.smithsonianmag.com/smithsonian-institution/raoul-wallenbergs-biographer-uncovers-important-clues-his-final-days-180957837/>

No fairy tale: Origins of some famous stories go back thousands of years
<https://www.sciencenews.org/article/no-fairy-tale-origins-some-famous-stories-go-back-thousands-years>

Huge collection of medieval documents discovered in Gniezno
<http://scienceinpoland.pap.pl/en/news/news,408063,huge-collection-of-medieval-documents-discovered-in-gniezno.html>

Behind the Myth of King Midas
<http://popular-archaeology.com/issue/winter-2015-2016/article/behind-the-myth-of-king-midas>

Archaeology

Oldest Christian Monastery in Iraq Destroyed by ISIS

<http://www.newsmax.com/Newsfront/ML-Iraq-Monastery-Destroyed/2016/01/20/id/710213/>

Hindu god statue's head returns to Cambodia

<http://www.bbc.com/news/world-asia-35378747>

Militants bulldoze through Native American archeological site, share video rifling through artifacts

<http://www.dailykos.com/story/2016/1/21/1472882/-Militants-bulldoze-through-Native-American-archeological-site-share-video-rifling-through-artifacts>

Neolithic megalithic tomb in Spain comprehensively examined for the first time

http://www.eurekalert.org/pub_releases/2016-01/uob-nmt012116.php

Neolithic tomb reveals community stayed together, even in death

http://www.eurekalert.org/pub_releases/2016-01/p-ntr011516.php

2,500-Year-Old Footprints Discovered in Arizona

<http://www.archaeology.org/news/4092-160122-arizona-farmer-footprints>

Uncovering the Culture of Bronze Age Logboats

<http://www.hakaimagazine.com/article-short/uncovering-culture-bronze-age-logboats>

Undersea treasure: archaeologists find submerged Qin dynasty 'seaside palace' of China's first emperor

<http://www.scmp.com/news/china/society/article/1903023/undersea-treasure-archaeologists-find-submerged-qin-dynasty>

Danes discover 9,000-year-old skeletons with a strange history

<http://cphpost.dk/news/danes-discover-9000-year-old-skeletons-with-a-strange-history.html>

Archaeologists believe they've found artifacts from Alaska's 'cursed' warship, the Neva

<https://www.adn.com/article/20160114/archaeologists-believe-theyve-found-artifacts-alaskas-cursed-warship-neva>

Chinese archaeologists locate ancient city famed for political reform

http://europe.chinadaily.com.cn/china/2016-01/18/content_23135468.htm

Meet the archaeologists making ancient rock art into 3D reality

<http://www.cam.ac.uk/research/news/meet-the-archaeologists-making-ancient-rock-art-into-3d-reality#sthash.tjVQyxwu.dpuf>

List of Murderers Revealed on Cathedral Wall

<http://news.discovery.com/history/archaeology/list-of-murderers-revealed-on-cathedral-wall-160115.htm>

Caral surprises the world for advanced knowledge and technology

<http://www.andina.com.pe/ingles/noticia-caral-surprises-the-world-for-advanced-knowledge-and-technology-593667.aspx>

What History Gives, the Sea Steals

<http://www.hakaimagazine.com/article-long/what-history-gives-sea-steals>

Egyptology

Ancient Egyptian technology may be our first line of defense from hospital infections

<https://www.dailykos.com/stories/2014/12/17/1352496/-Ancient-Egyptian-technology-may-be-our-first-line-of-defense-from-hospital-infections>

Egypt says King Tut mask was scratched, sends 8 to trial

<http://news.yahoo.com/egypt-sends-8-trial-over-botched-repair-king-113044065.html>

Early Egyptian Queen Revealed in 5,000-Year-Old Hieroglyphs

<http://www.livescience.com/53406-early-egyptian-queen-revealed-in-hieroglyphs.html>

Egypt's Earliest Case of Scurvy Unearthed in Aswan

<http://www.archaeology.org/news/4091-160122-egypt-first-scurvy>

Particles could reveal clues to how Egypt pyramid was built

<http://phys.org/news/2016-01-particles-reveal-clues-egypt-pyramid.html>

General Science

Thin Batteries That Fit Behind Armor Could Power Tank Electronics

<http://www.popsci.com/thin-batteries-fit-behind-armor-could-power-tank-electronics>

Physics, Earth and Space Sciences

New Telescope 'Could Save Earth From Asteroid Impact'

<http://news.yahoo.com/new-telescope-could-save-earth-from-asteroid-083204162.html>

SpaceX Rocket Explodes Upon Ocean Landing

http://www.nbcnews.com/science/space/spacex-flubs-ocean-landing-attempt-after-successful-liftoff-n498336?cid=sm_fb

Mercury rising – the planets as you have never seen them before

http://www.theguardian.com/science/2016/jan/17/photography-exhibition-planets-natural-history-museum?CMP=fb_gu

Evidence suggests huge ninth planet exists past Pluto at solar system's edge

<http://www.theguardian.com/science/2016/jan/20/ninth-planet-solar-system-edge-discovery-pluto>

Study: Maybe we can't find aliens because they've all died already

https://www.washingtonpost.com/news/speaking-of-science/wp/2016/01/22/study-maybe-we-cant-find-aliens-because-theyve-all-died-already/?tid=sm_fb

Europe to invest in Sierra Nevada's Dream Chaser cargo vehicle

<http://spacenews.com/europe-to-invest-in-sierra-nevadas-dream-chaser-cargo-vehicle/#sthash.uagNZwHQ.dpuf>

New Shepard: Bezos flight 'demonstrates reuse'

<http://www.bbc.com/news/science-environment-35391326>

Radiation-Blocking Glass Tech Could Shield Astronauts

<http://news.discovery.com/space/radiation-blocking-glass-tech-to-shield-astronauts-160122.htm>

Neutral result charges up antimatter research

<http://phys.org/news/2016-01-neutral-result-antimatter.html>

New theory suggests magnesium could be the key to understanding Earth's magnetic field

<http://phys.org/news/2016-01-theory-magnesium-key-earth-magnetic.html>

Solar system mysteries: What's inside Saturn?

<https://www.newscientist.com/article/2073646-solar-system-mysteries-whats-inside-saturn/>

Rise in space junk could provoke armed conflict say scientists

<http://www.theguardian.com/science/2016/jan/22/rise-in-space-junk-could-provoke-armed-conflict-say-scientists>

Neil Armstrong to be buried at sea

<http://usatoday30.usatoday.com/tech/science/space/story/2012-09-06/neil-armstrong-burial/57647560/1>

Dawn departs Vesta

<http://content.usatoday.com/communities/sciencefair/post/2012/09/dawn-departs-from-vesta-1#.VqVZY7Mo7ak>

Landing people on Mars: 5 obstacles

<http://usatoday30.usatoday.com/tech/science/space/story/2012-09-02/Mars-obstacles-for-humans/57516356/1>

Environment, Climate Change and Alternative Energy Sources

John Magufuli, the no-frills President who declared war on waste

<http://edition.cnn.com/2016/01/14/africa/tanzania-president-john-magufuli/index.html?sr=cnnifb>

Ocean species mix as sea ice melts, with unknown consequences

<http://www.cbsnews.com/news/arctic-sea-ice-melting-animal-species-mix/>

Mounting evidence suggests early agriculture staved off global cooling

http://www.eurekalert.org/pub_releases/2016-01/uov-mes011916.php

New method for converting solar energy into electrical power using photo-bioelectrochemical cells

<http://phys.org/news/2016-01-method-solar-energy-electrical-power.html>

New finding may explain heat loss in fusion reactors

<http://phys.org/news/2016-01-loss-fusion-reactors.html>

Self-heating lithium-ion battery could beat the winter woes

<http://phys.org/news/2016-01-self-heating-lithium-ion-battery-winter-woes.html>

The World's Largest Floating Solar Power Plant Is Now Under Construction

<http://www.popularmechanics.com/science/green-tech/a19071/worlds-largest-floating-solar-power-plant-kyocera-solar/>

Biological, Genetics and Medical Sciences

Cambridgeshire plesiosaur 'sea monster' could be 'new species'

<http://www.bbc.com/news/uk-england-cambridgeshire-35380223>

'Extinct' tree frog rediscovered in India after 137 years

<http://www.bbc.com/news/world-asia-india-35368928>

Dissolvable Devices Keep Tabs on the Brain

<http://blogs.discovermagazine.com/d-brief/2016/01/18/dissolvable-devices-keep-tabs-on-the-brain/#.VqVL7uQo7al>

Loch Ness Trench Spurs Monster Speculation

<http://news.discovery.com/animals/loch-ness-trench-spurs-monster-speculation-160122.htm>

The hideout of the Black Death: Historical pathogens survived for more than 4 centuries in Europe

<http://phys.org/news/2016-01-hideout-black-death-historical-pathogens.html>

The Next Line of Antibiotic Defense May Be Nano-Particles

<http://www.popularmechanics.com/science/health/a19054/the-next-line-of-antibiotic-defense-may-be-nano-particles/>

Hope in a Glove for Parkinson's Patients

<http://www.technologyreview.com/news/545456/hope-in-a-glove-for-parkinsons-patients/>

Other

This amazing map shows where most of humanity lives

https://www.washingtonpost.com/news/worldviews/wp/2016/01/21/this-amazing-map-shows-where-most-of-humanity-lives/?postshare=4691453426452581&tid=ss_fb

In this country, literally no young Christians believe that God created the Earth

<https://www.washingtonpost.com/news/worldviews/wp/2016/01/23/in-this-country-literally-no-young-christians-believe-that-god-created-the-earth/>

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>