

Weekly Science Report
June 17, 2016

“If we start now and make the effort, we can make the world a more peaceful place. We have to try. The human population is growing and climate change is having its effect. Violence breaks out because our destructive emotions run out of control. Human rights violations, for example, are related to anger and a lack of respect. We can counter these tendencies by cultivating warm-heartedness and concern for others.”

Dalai Lama

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Introduction

Steve Detwiler created this publication with the support of Graham Hancock and John Anthony West to share news and information on various disciplines to include but not limited to paleontology, space sciences, genetics and archaeology. His goal behind sharing this publication has always been very simple, by sharing knowledge we can make our world a better place. This publication is Mr. Detwiler's contribution to bring people together and share ideas and discoveries with his 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

Mammals began their takeover long before the death of the dinosaurs

<http://phys.org/news/2016-06-mammals-began-takeover-death-dinosaurs.html>

Ice age bison fossils shed light on early human migrations in North America

<http://phys.org/news/2016-06-ice-age-bison-fossils-early.html>

Conflicting theories of Mungo Man debunked: Research proves Aboriginal Australians were first inhabitants

<http://phys.org/news/2016-06-conflicting-theories-mungo-debunked-aboriginal.html>

Sinkhole discovery suggests humans were in Florida 14,500 years ago

https://www.theguardian.com/science/2016/may/14/archaeology-florida-sinkhole-ancient-humans-mastodon-knife-bones-bering-strait?utm_content=bufferdb75c&utm_medium=social&utm_source=linkedin.com&utm_campaign=buffer

When Neanderthals Replaced Us

<http://discovermagazine.com/2016/june/15-when-neanderthals-replaced-us>

Rediscovered: 5,000-year-old figurine from Skara Brae

<http://www.orcadian.co.uk/2016/06/rediscovered-5000-year-old-human-figurine-skara-brae/>

France unearths bones from 6,000-yr-old Neolithic massacre

<https://www.yahoo.com/news/france-unearths-bones-6-000-yr-old-neolithic-154411468.html>

How did the first people migrate to the Americas? Bison fossils could help settle the debate

<https://www.washingtonpost.com/news/speaking-of-science/wp/2016/06/07/how-did-the-first-people-migrate-to-the-americas-bison-fossils-could-help-settle-the-debate/>

This is how the 'Hobbits' of Indonesia became so small

<http://www.cnn.com/2016/06/09/asia/indonesia-flores-hobbits-trnd/index.html?sr=fbCNN060916indonesia-flores-hobbits-trnd0548AMStoryLink&linkId=25364657>

History

Rumi film will challenge Muslim stereotypes, says Gladiator writer

<http://www.theguardian.com/world/2016/jun/06/jalaluddin-al-rumi-film-muslim-stereotypes-gladiator-david-franconi>

Watch what happens when Muslims and Trump supporters get invited to the same dinner party

<http://fusion.net/story/310655/san-bernardino-muslims-meet-trump-supporters/>

The German Parliament still refuses to recognize one of its own 'genocides'

https://www.washingtonpost.com/news/worldviews/wp/2016/06/09/the-german-parliament-still-refuses-to-recognize-one-of-its-own-genocides/?tid=sm_fb

Flight 93 National Memorial uses nature to heal

<http://newsinteractive.post-gazette.com/usparks/flight-93-national-memorial-uses-nature-to-heal/>

Amazing photos capture 1910 Great Flood of Paris v 2016

<http://www.telegraph.co.uk/news/2016/06/07/amazing-photos-capture-1910-great-flood-of-paris-v-2016/?cid=sf28154507+sf28154507>

India and Nepal in Not-Very-Enlightened Spat Over Buddha's Childhood Home

http://www.nytimes.com/2016/06/02/world/asia/nepal-india-buddha-kapilavastu.html?WT.mc_id=2016-KWP-AUD_DEV&WT.mc_ev=click&ad-keywords=AUDDEVREMARK&kwp_0=162752&kwp_4=672563&kwp_1=343717

The Truth About the Wounded Knee Massacre

<http://indiancountrytodaymedianetwork.com/2016/01/01/truth-about-wounded-knee-massacre-162923>

Former Auschwitz guard sentenced to five years in prison

<http://www.telegraph.co.uk/news/2016/06/17/former-auschwitz-guard-sentenced-to-five-years-in-prison/>

The Unbelievable Tale of Jesus's Wife

http://www.theatlantic.com/magazine/archive/2016/07/the-unbelievable-tale-of-jesus-wife/485573/?utm_source=hpfb

Bhutan princess seeks to preserve kingdom's cultural heritage

<http://www.ejinsight.com/20160603-bhutan-princess-seeks-to-preserve-kingdom-s-cultural-heritage/>

Archaeology

Restoration work starts on Jesus's tomb

<http://www.msn.com/en-us/news/world/restoration-work-starts-on-jesus-tomb/ar-BBtWFop?li=BBnb7Kz&ocid=SL5FDHP>

After almost half a century, thousands of personal items of the victims of Auschwitz, are returning to the Memorial

http://auschwitz.org/en/museum/news/after-almost-half-a-century-thousands-of-personal-items-of-the-victims-of-auschwitz-are-returning-to-the-memorial_1203.html

WITH NEW BOOK, QUEST TO RECOVER STOLEN BATTAMBANG STATUES BEGINS

<https://www.cambodiadaily.com/news/with-new-book-quest-to-recover-stolen-bbang-statues-begins-113643/>

The Sordid History of Antiquities Collectors

<http://www.theatlantic.com/science/archive/2016/06/marble-mad-and-very-extravaqant/485666/>

Researchers map 6,000 years of urban settlements

<http://phys.org/news/2016-06-years-urban-settlements.html>

Neolithic tomb reveals community stayed together, even in death

http://www.heritagedaily.com/2016/01/neolithic-tomb-reveals-community-stayed-together-even-in-death/109309?utm_content=bufferc18dd&utm_medium=social&utm_source=linkedin.com&utm_campaign=buffer

Safeguarding our cultural heritage

<http://www.spainculture.us/city/washington-dc/safeguarding-our-cultural-heritage/?platform=hootsuite>

Original Stonehenge was dismantled in Wales and moved to Wiltshire, archaeologists believe

<http://www.telegraph.co.uk/science/2016/06/05/original-stonehenge-was-dismantled-in-wales-and-moved-to-wiltshi/>

Saving Palmyra: A Discussion with Yale's Cultural Heritage Expert Stefan Simon

<http://www.archdaily.com/786191/saving-palmyra-a-discussion-with-yales-cultural-heritage-expert-stefan-simon>

Islamic State Blows Up 2,500-Year-Old Iraqi Temple, Threatens Egyptian Pyramids Next

<http://www.breitbart.com/national-security/2016/06/09/islamic-state-blows-up-2500-year-old-iraqi-temple/>

Israeli archaeologists rush to dig at Cave of Skulls before looters take everything

https://www.washingtonpost.com/world/middle_east/israeli-archaeologists-rush-to-dig-at-cave-of-skulls-before-looters-take-everything/2016/06/08/7f0e0e6a-281c-11e6-8329-6104954928d2_story.html?platform=hootsuite

UNESCO Director-General addresses the Europe Lecture 2016 on heritage protection as a security issue

http://www.unesco.org/new/en/unesco/about-us/who-we-are/director-general/singleview-dg/news/unesco_director_general_addresses_the_europe_lecture_2016_on#.V2AKf2dOUdV

Smithsonian Intends To Create Permanent Exhibition Space in London With the Victoria and Albert Museum

<http://newsdesk.si.edu/releases/smithsonian-intends-create-permanent-exhibition-space-london-victoria-and-albert-museum>

The world's oldest computer is still revealing its secrets

https://www.washingtonpost.com/news/speaking-of-science/wp/2016/06/14/the-worlds-oldest-computer-is-still-revealing-its-secrets/?tid=sm_fb

Ruins found at Beijing's Forbidden City may be part of lost Ming palace

http://www.scmp.com/news/china/society/article/1973821/ruins-found-beijings-forbidden-city-may-be-part-lost-ming-palace?utm_source&utm_medium&utm_campaign=SCMPSocialNewsfeed

Archaeologist Claims He's Found Ancient Greek Kings' Throne

<http://abcnews.go.com/Technology/wireStory/archaeologist-claims-found-ancient-greek-kings-throne-39848544?yptr=yahoo>

Miners find 500-year-old shipwreck filled with gold coins in Namibian desert

<http://www.independent.co.uk/news/world/africa/miners-find-500-year-old-shipwreck-filled-with-gold-coins-in-namibian-desert-a7072221.html>

Italy helping Bosnia's museum become national restoration center

<http://www.reuters.com/article/us-bosnia-museum-idUSKCN0YT1J0?platform=hootsuite>

A sea of change on 50th anniversary of preservation act

<http://realestate.heraldtribune.com/2016/05/29/a-sea-of-change-on-50th-anniversary-of-preservation-act/>

FBI's Art Crime Team Recovers Thousands of Missing Pieces of Art, Artifacts

<http://ht.ly/wt6e300VrX3>

Architect Sinan's waterway discovered in excavations

<http://www.hurriyetdailynews.com/architect-sinans-waterway-discovered-in-excavations-.aspx?pageID=238&nID=99803&NewsCatID=375>

Penn Museum's Artifact Lab gives close-up view of ancient objects

<https://penncurrent.upenn.edu/features/penn-museum-s-artifact-lab-gives-close-up-view-of-ancient-objects>

A Massive, Ancient Platform Discovered in Petra Has Been 'Hidden in Plain Sight'

<https://www.yahoo.com/news/massive-ancient-platform-discovered-petra-181845857.html>

Inside the UNESCO conference to save Syria's heritage

<https://www.apollo-magazine.com/inside-the-unesco-conference-to-save-syrias-heritage/?platform=hootsuite>

BLM wants to pay people who help find looters, vandals

<http://www.sltrib.com/home/3859532-155/blm-announces-2500-reward-targeting-looters>

How low-profile expats helped India bring back 200 ancient artifacts

<http://www.dnaindia.com/india/report-how-low-profile-expats-helped-india-bring-back-200-ancient-artifacts-2221098>

Could Long-Lost Amber Room Be Stashed in a Nazi Bunker in Poland?

<http://www.nytimes.com/2016/06/11/world/what-in-the-world/could-long-lost-amber-room-be-stashed-under-a-nazi-bunker-in-poland.html?smid=fb-nytimes&smtyp=cur&smvar=witw2&r=1>

Painting 'wrecked beyond repair' to be shown again after intensive restoration

<https://www.theguardian.com/artanddesign/2016/jun/06/sebastiano-del-piombo-masterpiece-restored-fitzwilliam-museum-cambridge>

Restoration work gets under way at quake-damaged Kumamoto Castle
<http://www.asahi.com/ajw/articles/AJ201606080067.html>

Monumental Ancient Naval Bases Discovered in Athens' Piraeus Harbor
<http://www.haaretz.com/jewish/archaeology/1.723784>

Egyptology

Copying the Kings: Preserving Egypt's Heritage for Generations to Come

<http://egyptianstreets.com/2016/05/22/copying-the-kings-preserving-egypts-heritage-for-generations-to-come/>

Building for Egypt's First Female Pharaoh Discovered

http://www.livescience.com/54476-building-for-queen-hatshepsut-discovered.html?utm_content=buffer072e7&utm_medium=social&utm_source=linkedin.com&utm_campaign=buffer#sthash.AtcXPgz4.dpuf

General Science

Human 'drone taxi' to be tested in Nevada

http://www.bbc.com/news/technology-36478614?ocid=socialflow_facebook&ns_mchannel=social&ns_campaign=bbcnews&ns_source=facebook

A Solar Powered "Forever Drone" May Be Replacing Our Satellites

<http://futurism.com/this-new-high-altitude-forever-drone-may-replace-satellites/>

Olli, a 3D printed, self-driving minibus, to hit the road in US

<http://phys.org/news/2016-06-olli-3d-self-driving-minibus-road.html>

Physics, Earth and Space Sciences

Prototype gravitational wave spacecraft sets new free fall record

<http://phys.org/news/2016-06-prototype-gravitational-spacecraft-free-fall.html>

Astronauts Enter World's First Inflatable Space Habitat

<http://abcnews.go.com/Technology/wireStory/astronauts-enter-worlds-inflatable-space-lodge-39641012?yptr=yahoo>

Man presumed dead after falling into Yellowstone hot spring

<http://www.cnn.com/2016/06/07/travel/yellowstone-geyser-man-falls-trnd/index.html?sr=fbCNN060816yellowstone-geyser-man-falls-trnd0401AMStoryLink&linkId=25324450>

Universe's first life might have been born on carbon planets

<http://phys.org/news/2016-06-universe-life-born-carbon-planets.html>

NASA cover up? Respected astronomer claims second sun exists

<http://www.aol.com/article/2016/06/07/nasa-cover-up-respected-astronomer-claims-second-sun-exists/21390941/?ncid=txtlnkusaolp00001357>

See All The Satellites And Space Junk Circling Earth In Real-Time

<http://www.popsci.com/now-you-can-see-all-space-junk-floating-around-earth-real-time?con=TrueAnthem&dom=fb&src=SOC>

Elon Musk provides new details on his “mind blowing” mission to Mars

https://www.washingtonpost.com/news/the-switch/wp/2016/06/10/elon-musk-provides-new-details-on-his-mind-blowing-mission-to-mars/?tid=sm_fb

Life's first handshake: Chiral molecule detected in interstellar space

<http://phys.org/news/2016-06-life-handshake-chiral-molecule-interstellar.html>

Unknown alien rock found in Swedish quarry

<http://phys.org/news/2016-06-unknown-alien-swedish-quarry.html>

These Experiments Are Building the Case to Terraform Mars

<http://blogs.discovermagazine.com/crux/2016/06/14/terraform-mars-experiments/#.V2GQ02dOUdV>

Hate your job? NASA wants you to work on Mars

<http://www.cnn.com/2016/06/16/design/nasa-mars-posters/index.html?sr=fbCNN061616nasa-mars-posters0749AMStoryGalLink&linkId=25596819>

Small asteroid discovered orbiting Earth

<http://www.cnn.com/2016/06/16/us/nasa-asteroid-circles-earth/index.html?sr=fbCNN061616nasa-asteroid-circles-earth0600PMStoryGalLink&linkId=25616422>

NASA just set a fire in space — on purpose

<https://www.washingtonpost.com/news/speaking-of-science/wp/2016/06/15/nasa-just-set-a-fire-in-space-on-purpose/>

NASA spacecraft barreling toward Jupiter for July 4 meetup

<https://www.yahoo.com/news/nasa-spacecraft-barreling-toward-jupiter-july-4-meetup-181546078.html>

Light Pollution Hides Milky Way From 80 Percent Of North Americans, Atlas Shows

http://www.npr.org/sections/thetwo-way/2016/06/10/481545778/light-pollution-hides-milky-way-from-80-percent-of-north-americans-atlas-shows?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20160610

Can We Turn Asteroids into Spaceships?

<http://www.seeker.com/can-we-turn-asteroids-into-spaceships-1851600014.html>

Are We All Martians?

<http://discovermagazine.com/2014/june/9-are-we-all-martians>

Environment, Climate Change and Alternative Energy Sources

Bionic Leaf Is 10 Times Better At Photosynthesis Than Real Plants

<http://www.popsci.com/scientists-debut-system-making-fuel-through-more-efficient-photosynthesis?src=SOC&dom=fb>

Second Yellowstone visitor injured in bison encounter

<http://fox4kc.com/2015/06/02/second-yellowstone-visitor-injured-in-bison-encounter/>

Nearly a Quarter of China Could Be Forest by 2020

<http://www.seeker.com/forests-to-cover-nearly-25-of-china-by-2020-1843957373.html>

This Iceland plant just turned carbon dioxide into solid rock — and they did it super fast

https://www.washingtonpost.com/news/energy-environment/wp/2016/06/09/scientists-in-iceland-have-a-solution-to-our-carbon-dioxide-problem-turn-it-into-stone/?tid=sm_fb

The amazing school where grandmothers go to learn to save the world.

<https://www.upworthy.com/the-amazing-school-where-grandmothers-go-to-learn-to-save-the-world?c=ule1>

Norway commits to zero deforestation--the 1st country to do so

<https://www.globalcitizen.org/en/content/norway-trees-no-deforestation-environment-climate/>

The Ex-Con Inventor Disrupting Underwater Energy

<http://finance.yahoo.com/news/ex-con-inventor-disrupting-underwater-090204694.html>

Biological, Genetics and Medical Sciences

'Human-on-a-chip' could replace animal testing

<https://www.llnl.gov/news/%E2%80%98human-chip%E2%80%99-could-replace-animal-testing>

Second layer of information in DNA confirmed

<http://phys.org/news/2016-06-layer-dna.html>

Wolf euthanized after biting child at zoo

<http://www.usatoday.com/story/news/nation/2015/05/27/zoo-wolf-euthanized-biting-child/28042207/>

This Aquarium Is Moving All Its Dolphins To A Seaside Sanctuary

http://www.huffingtonpost.com/entry/national-aquarium-dolphins-sanctuary_us_57605046e4b0e4fe5143ee93?

National Aquarium Announces Plans For North America's First Dolphin Sanctuary

<http://www.npr.org/sections/thetwo-way/2016/06/15/482143974/national-aquarium-announces-plans-for-north-americas-first-dolphin-sanctuary?sc=tw>

This man lived — even played basketball — without a human heart for 555 days before receiving a transplant

https://www.washingtonpost.com/news/morning-mix/wp/2016/06/10/this-man-lived-even-played-basketball-without-a-human-heart-for-555-days-before-receiving-a-transplant/?tid=sm_fb

'People said I was mad': Why I chose extreme treatment for my MS

https://www.newscientist.com/article/2093349-people-said-i-was-mad-why-i-chose-extreme-treatment-for-my-ms/?utm_source=NSNS&utm_medium=SOC&utm_campaign=hoot&cmpid=SOC%7CNSNS%7C2016-GLOBAL-hoot

Other

A community for those who like to be alone, grown out of a blockbuster TED Talk

http://blog.ted.com/a-community-for-those-who-like-to-be-alone/?utm_campaign=social&utm_medium=referral&utm_source=facebook.com&utm_content=talk&utm_term=social-science

Hurting for cash, U.S. National Park Service turns to companies

<http://finance.yahoo.com/news/hurting-cash-u-national-park-100000069.html>

Additional Informational

MIT Commencement Speaker Matt Damon- Video

https://www.youtube.com/watch?v=vj-cK_KfjsI&feature=youtu.be

TED Talk, Is the house of history built on foundations of sand?

<https://www.youtube.com/watch?v=ZyfE3lvDWR8>

People Need to Know the Ocean is in Trouble

<http://unfoundationblog.org/people-need-to-know-the-ocean-is-in-trouble/>

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>