

**Weekly Science Report
May 29, 2015**

“Books are the carriers of civilization. Without books, history is silent, literature dumb, science crippled, thought and speculation at a standstill. I think that there is nothing, not even crime, more opposed to poetry, to philosophy, to life itself than this incessant business.”

Henry David Thoreau

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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 man.

I hope you enjoy this publication and that the content challenges and inspires you!

Steve Detwiler

News Articles

Paleontology, Evolution and Prehistoric Studies

Dinosaurs May Have Been Warm-Blooded

http://news.discovery.com/animals/dinosaurs/dinosaurs-may-have-been-warm-blooded-mammal-like-150528.htm?utm_medium=referral&utm_source=pulsenews#mkcpqn=rssnws1

When Will We See an Actual Dino-Chicken?

http://news.discovery.com/animals/dinosaurs/when-will-we-see-a-dino-chicken-15052.htm?utm_medium=referral&utm_source=pulsenews#mkcpqn=rssnws1

'New species' of ancient human found

<http://www.bbc.com/news/science-environment-32906836>

Did Dinosaurs Walk on Their Fingertips at One Point?

<http://www.scientificamerican.com/article/did-dinosaurs-walk-on-their-fingertips-at-one-point/>

Genetic Study Suggests Humans Migrated North Out of Africa

<http://www.archaeology.org/news/3325-50529-africa-migration-route>

Environmental Stresses Left Marks on Ancient Genes

<http://www.archaeology.org/news/3324-150529-ancient-dna-epigenetics>

History

Oscar Romero beatification draws huge El Salvador crowds

http://www.bbc.com/news/world-latin-america-32859627?ocid=socialflow_facebook

How an Iraqi friar saved ancient Christian manuscripts from Isis

<http://www.themalaysianinsider.com/features/article/how-an-iraqi-friar-saved-ancient-christian-manuscripts-from-isis#sthash.9gRazBZ1.dpuf>

Inescapable, apocalyptic dread: The terrifying nuclear autumn of 1983

http://www.salon.com/2013/09/29/inescapable_apocalyptic_dread_the_terrifying_nuclear_autumn_of_1983/

Alleged Nazi War Criminal Vladimir Katriuk Dies in Canada Aged 93

<http://www.nbcnews.com/news/world/alleged-nazi-war-criminal-vladimir-katriuk-dies-canada-aged-93-n366491>

USS Arizona Memorial at Pearl Harbor closed after ship hits dock

http://www.upi.com/Top_News/US/2015/05/29/USS-Arizona-Memorial-at-Pearl-Harbor-closed-after-damaged-in-ship-collision/4091432891687/?utm_medium=referral&utm_source=pulsenews

Early Christian Irish and Scots 'first-footers' in Iceland

<http://www.bangor.ac.uk/news/latest/early-christian-irish-and-scots-first-footers-in-iceland-22864#sthash.swzEHf6b.dpuf>

Through Performance, Mississippi Students Honor Long-Forgotten Locals

<http://www.npr.org/sections/ed/2015/04/17/400363343/through-performance-mississippi-students-honor-long-forgotten-locals?sc=tw>

In small Dutch village, our dead soldiers are loved

<http://www.usatoday.com/story/news/world/2015/05/25/dutch-village-american-cemetery-memorial-day-newser/27912961/>

Fascinating Cambridge University Research Links Endangered Pontic Greek Dialect to Ancient Greek

<http://www.pappaspost.com/fascinating-cambridge-university-research-links-endangered-pontic-greek-dialect-to-ancient-greek/>

Scientists find ancient Peruvians more diverse than first thought

<http://www.peruthisweek.com/news-scientists-find-ancient-peruvians-more-diverse-than-first-thought-106397>

Sex, drugs and Philistines: A biblical psychedelic scene

<http://www.timesofisrael.com/sex-drugs-and-philistines-a-biblical-psychedelic-scene/>

Historian mapping out a new view of the Medieval world

<http://www.sciencedaily.com/releases/2015/05/150526140524.htm>

Archaeology

This Arizona 'Castle' Is A Beautiful And Well-Preserved Mistake

http://www.huffingtonpost.com/kari-haugeto/this-arizona-castle-is-a_b_7435444.html?ncid=txtlnkusaolp00000592

US returns 25 looted artifacts to Italy: Vases, frescoes

<http://www.utsandiego.com/news/2015/may/26/us-returns-25-looted-artifacts-to-italy-vases/>

"Saving the cultural heritage of Iraq" -- Director-General welcomes Adoption of the UN General Assembly Resolution

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

Archaeologists uncover remains, other Fremont Indian artifacts near Utah Lake

<http://news.yahoo.com/video/archaeologists-uncover-remains-other-fremont-153034968.html>

Sculpted Dragon Heads Hint at Xanadu's Splendors

<http://www.archaeology.org/news/3326-150529-xanadu-dragon-head>

Long-lost watermarked Ottoman banknote found

<http://www.hurriyetdailynews.com/long-lost-watermarked-ottoman-banknote-found-.aspx?pageID=238&nid=83190&NewsCatID=375>

Ancient 2,400-year-old gold bongs discovered in Russia

<http://www.independent.co.uk/news/science/archaeology/archaeologists-discover-2400yearold-gold-bongs-in-russia-10285876.html>

New Secrets of Staffordshire Hoard Revealed

<http://popular-archaeology.com/issue/spring-2015/article/new-secrets-of-staffordshire-hoard-revealed>

Archeologists discover ancient mounds in Iran's Kerman Province

<http://www.presstv.ir/Detail/2015/05/27/413138/Iran-Kerman-mounds-Bronze-Age-Faryab-Tubingen-University-Jiroft-Mesopotamia>

Egyptology

Egyptian pyramids found by infra-red satellite images

<http://www.bbc.com/news/world-13522957>

The Cult of Amun

<http://www.archaeology.org/issues/174-1505/features/3146-sudan-nubia-dangeil-cult-of-amun-ra>

General Science

3-D Print Your Own Humanoid Robot Friend

http://www.popsci.com/3-d-print-your-own-humanoid-robot-friend?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

In 200 years, rich humans will be cyborgs, says professor

<https://www.yahoo.com/tech/s/200-years-rich-humans-cyborgs-203323849.html>

Cheetah robot lands the running jump

<http://phys.org/news/2015-05-cheetah-robot-video.html>

Farms of the Future Will Use Drones, Robots and GPS

<http://blogs.discovermagazine.com/drone360/2015/05/27/farmers-drones-robots-gps/>

Physics, Earth and Space Sciences

Experiment confirms quantum theory weirdness

<http://phys.org/news/2015-05-quantum-theory-weirdness.html>

Dust from asteroid mining spells danger for satellites

http://www.newscientist.com/article/mg22630235.100-dust-from-asteroid-mining-spells-danger-for-satellites.html?utm_source=NSNS&utm_medium=SOC&utm_campaign=hoot&cmpid=SOC%257CNSNS%257C2015-GLOBAL-hoot#.VWqInMLD_IV

Chinese astronaut calls for cooperation, access to International Space Station

<http://www.cnn.com/2015/05/28/asia/china-space-mckenzie/index.html>

The Silly Reason the Chinese Aren't Allowed on the Space Station

<http://time.com/3901419/space-station-no-chinese/>

NASA telescopes set limits on space-time quantum 'foam'

<http://phys.org/news/2015-05-nasa-telescopes-limits-space-time-quantum.html>

Donuts, math, and superdense teleportation of quantum information

<http://phys.org/news/2015-05-donuts-math-superdense-teleportation-quantum.html>

Hints of Salty Water on Mars Raises Planetary Protection Concerns

<http://news.yahoo.com/hints-salty-water-mars-raises-planetary-protection-concerns-125102696.html>

Geologic mapping of Mars

http://smithsonianscience.si.edu/2015/05/geologic-mapping-of-mars/?utm_medium=referral&utm_source=pulsenews

New Spacecraft Photos Hint at a Rich and Complex Pluto

http://news.discovery.com/space/new-spacecraft-photos-reveal-a-rich-and-complex-pluto-150527.htm?utm_medium=referral&utm_source=pulsenews#mkcpqn=rssnws1

Bill Nye's LightSail spacecraft has lost contact with Earth

<http://www.theverge.com/2015/5/29/8688035/bill-nye-lightsail-spacecraft-communication-problem>

Environment, Climate Change and Alternative Energy Sources

Interior secretary: Hill funding divide could threaten national parks

http://www.washingtonpost.com/national/health-science/threat-to-nations-parks-seen-as-congress-stalls-on-renewing-fund/2015/05/23/3ede32c4-015e-11e5-8b6c-0dcce21e223d_story.html?hpid=z14

Ecosystem Blueprints Could Help Restore Destroyed Environments

<http://www.popsoci.com/restoring-environments-should-start-ecosystem-blueprint>

Great Barrier Reef spared 'in danger' listing - for now

<http://www.bbc.com/news/science-environment-32932205>

How Nanomaterials Can Help Make Fuel from Sunlight

<http://www.technologyreview.com/news/537051/how-nanomaterials-can-help-make-fuel-from-sunlight/>

Solar Impulse 2 aircraft readying for 5,000 mile trip without gas

http://www.upi.com/Top_News/World-News/2015/05/25/Solar-Impulse-2-aircraft-readying-for-5000-mile-trip-without-gas/6141432559227/?utm_medium=referral&utm_source=pulsenews

High-capacity batteries made from wood pulp

<http://timesofindia.indiatimes.com/home/science/High-capacity-batteries-made-from-wood-pulp/articleshow/47490093.cms>

Soon, prosthetic hands with a sense of touch

<http://timesofindia.indiatimes.com/home/science/Soon-prosthetic-hands-with-a-sense-of-touch/articleshow/47481809.cms>

Biological, Genetics and Medical Sciences

Mystery disease claims half world population of saiga antelopes

http://www.newscientist.com/article/dn27598-mystery-disease-claims-half-world-population-of-saiga-antelopes.html#.VWqltcLD_IU

Researchers taking bold steps toward engineering new lungs

<http://medicalxpress.com/news/2015-05-bold-lungs.html>

Bionic Lens Implant Could Improve Vision Beyond 20/20

http://news.discovery.com/tech/biotechnology/bionic-lens-implant-could-improve-vision-beyond-2020-150528.htm?utm_medium=referral&utm_source=pulsenews#mkcpgn=rssnws1

Smartphones Are So Smart They Can Now Test Your Vision

<http://www.npr.org/sections/goatsandsoda/2015/05/28/409731415/smart-phones-are-so-smart-they-can-now-test-your-vision?sc=tw>

Fewer students study botany, more plant collections closing

http://www.pulse.me/ap/d51e772df0a3418a93a26cfa260aa60a?utm_medium=referral&utm_source=pulsenews

Artificial DNA links up just like the real thing

http://www.newscientist.com/article/mg22630235.200-artificial-dna-links-up-just-like-the-real-thing.html#.VWukecLD_IU

Other

First Looks at The Martian Revealed

http://www.universetoday.com/120538/first-looks-at-the-martian-revealed/?utm_medium=referral&utm_source=pulsenews

Genies Blamed For School Sickness, Possessions

http://news.discovery.com/history/religion/genies-blamed-for-school-sickness-possession-150524.htm?utm_medium=referral&utm_source=pulsenews#mkcpqn=rssnws1

Elon Musk created his own grade school for the children of SpaceX employees

<http://www.theverge.com/2015/5/22/8646683/elon-musk-school-spacex-children>

'A Beautiful Mind' mathematician John Nash, wife killed in crash

<http://www.usatoday.com/story/news/nation/2015/05/24/john-nash-dies/27879515/>

Additional Informational

A How-To Guide To Buying Artifacts Looted by the Islamic State

<http://foreignpolicy.com/2015/05/28/a-how-to-guide-to-buying-artifacts-looted-by-the-islamic-state/>

In pictures: Drones take whale science to new heights

<http://www.bbc.com/news/science-environment-32935898>