

**Weekly Science Report
November 11, 2016**

“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, ay, to life itself than this incessant business.”

Henry David Thoreau

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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

Long ago humans and Neanderthals Interbred: What happened to Neanderthal genes?

<http://phys.org/news/2016-11-humans-neanderthals-interbred-neanderthal-genes.html>

Bathroom break leads to major prehistoric discovery

<http://www.usatoday.com/story/news/2016/11/07/bathroom-break-leads-major-prehistoric-discovery/93416448/>

Dog's dinner: DNA clue to how dogs became our friends

<http://www.bbc.com/news/science-environment-37913860>

New species of 'weird bird'-like dinosaur discovered in China

<https://www.theguardian.com/science/2016/nov/10/new-species-of-weird-bird-like-dinosaur-discovered-in-china-tongtianlong-limosus>

History

Evers nominated for Presidential Medal of Freedom

<http://www.clarionledger.com/story/news/local/journeytojustice/2016/11/04/medgar-evers-nominated-presidential-medal-of-freedom/93307618/>

Did Shakespeare write Henry V to suit London theatre's odd shape?

<https://www.theguardian.com/culture/2016/nov/10/shakespeare-write-henry-v-suit-london-theatre-the-curtain-odd-shape>

Ezekiel's Wheel Ties African Spiritual Traditions to Christianity

http://www.nytimes.com/2016/11/08/science/ezekiels-wheel-ties-african-spiritual-traditions-to-christianity.html?_r=1

Pacific islanders invented new kind of society at Nan Madol

<http://www.pasthorizonspr.com/index.php/archives/10/2016/pacific-islanders-invented-new-kind-of-society-at-nan-madol>

Ancestral Puebloans didn't abandon Chaco Canyon due to salt pollution

<http://www.pasthorizonspr.com/index.php/archives/10/2016/ancestral-puebloans-didnt-abandon-chaco-canyon-due-to-salt-pollution>

Germany appoints first Jewish members to Nazi-loot art panel

<http://theartnewspaper.com/news/news/germany-appoints-jewish-members-to-nazi-looted-art-panel/>

Archaeology

Italy returns scores of smuggled artifacts to Iran

<http://www.tehrantimes.com/news/408164/Italy-returns-scores-of-smuggled-artifacts-to-Iran>

How Experts Are Digitizing Ancient Manuscripts

<http://www.smithsonianmag.com/smart-news/how-experts-are-digitizing-ancient-manuscripts-180960685/?no-ist>

Stone adze points to ancient burial rituals in Ireland

<https://www.sciencenews.org/article/stone-adze-points-ancient-burial-rituals-ireland?tgt=nr>

Iconic Buddha in Swat valley restored after nine years when Taliban defaced it

<http://ht.ly/R40P3063y6Q>

Gold coins from 1715 shipwreck hit the market

<http://www.cbsnews.com/news/gold-coins-from-1715-shipwreck-hitting-the-market/>

In Ancient Trash Heaps, A Whale Hunting Puzzle Emerges

<http://www.npr.org/sections/thesalt/2016/11/10/501209509/in-ancient-trash-heaps-a-whale-hunting-puzzle-emerges>

New Thoughts on the Demise of Greenland's Norse Settlements

<http://www.archaeology.org/news/5008-161110-greenland-norse-settlements>

Burial site of Siberian Robin Hood unearthed in Altai Republic

<http://siberiantimes.com/science/others/news/n0782-burial-site-of-siberian-robin-hood-unearthed-in-altai-republic/>

Egyptology

Causeway discovered in ancient Aswan tomb

<http://english.ahram.org.eg/NewsContent/9/40/248580/Heritage/Ancient-Egypt/Causeway-discovered-in-ancient-Aswan-tomb-.aspx>

General Science

Computers made of genetic material? Researchers conduct electricity using DNA-based nanowires

<http://phys.org/news/2016-11-genetic-material-electricity-dna-based-nanowires.html>

Richard Dawkins and Other Prominent Scientists React to Trump's Win

<https://www.scientificamerican.com/article/richard-dawkins-and-other-prominent-scientists-react-to-trump-rsquo-s-win/>

The new exoskeletons, tanks and ATVs that China will bring to a future battle: The Ground Gear of the Zhuhai Airshow

<http://www.popsci.com/new-exoskeletons-tanks-and-atvs-that-china-will-bring-to-future-battle-ground-gear-zhuhai-airshow>

Tesla's European Gigafactory Should Be Online by 2020

<http://www.popularmechanics.com/science/energy/a23775/teslas-european-gigafactory-will-be-ready-by-2020/>

Researchers Are Developing a Material That Doesn't React to Heat

<http://www.popularmechanics.com/science/news/a23765/material-doesnt-react-to-heat/>

Physics, Earth and Space Sciences

Mysterious 'ping' reported in Arctic Ocean

<http://www.mnn.com/earth-matters/wilderness-resources/blogs/mysterious-ping-arctic-ocean>

Asteroid Day tries to save life as we know it

https://www.theguardian.com/science/2015/jun/13/asteroid-day-anniversary-tunguska-siberia?CMP=share_btn_tw

SpaceX Finally Knows What Caused its Falcon 9 Rocket to Explode

<http://www.popsci.com/spacex-falcon-9-explosion-reason>

Space telescopes pinpoint elusive brown dwarf

<http://phys.org/news/2016-11-space-telescopes-elusive-brown-dwarf.html>

Beagle 2 'was so close to Mars success'

<http://www.bbc.com/news/science-environment-37940445>

The Last Soviet Citizen

<http://discovermagazine.com/2016/dec/the-last-soviet-citizen>

Dark matter may be hiding in a hidden sector

<http://phys.org/news/2016-11-dark-hidden-sector.html>

A hydrogen-rich, passive galaxy

<http://phys.org/news/2016-11-hydrogen-rich-passive-galaxy.html>

Huge lake discovered 15 kilometres under a volcano

<https://www.newscientist.com/article/2111460-huge-lake-discovered-15-kilometres-under-a-volcano/>

Chemical Weapons Dumped in the Ocean After World War II Could Threaten Waters Worldwide

<http://www.smithsonianmag.com/science-nature/decaying-weapons-world-war-II-threaten-waters-worldwide-180961046/>

What will Mars homes look like? London show house offers suggestions.

<http://www.csmonitor.com/Science/2016/1110/What-will-Mars-homes-look-like-London-show-house-offers-suggestions>

NASA to launch swarms of tiny satellites into orbit

<http://www.csmonitor.com/Science/2016/1108/NASA-to-launch-swarms-of-tiny-satellites-into-orbit>

Environment, Climate Change and Alternative Energy Sources

Solar cells get boost with integration of water-splitting catalyst onto semiconductor

<http://phys.org/news/2016-11-solar-cells-boost-water-splitting-catalyst.html>

Study finds major ocean current is widening as climate warms

<http://phys.org/news/2016-11-major-ocean-current-widening-climate.html>

U.K. researchers seeking permission to field test genetically modified wheat

<http://phys.org/news/2016-11-uk-permission-field-genetically-wheat.html>

Germany unveils zero-emissions train that only emits steam

<http://www.independent.co.uk/news/world/europe/germany-unveils-zero-emissions-train-only-emits-steam-lower-saxony-hydrogen-powered-a7391581.html>

Flexible solar tiles to make move inside and recycle artificial light

<http://newatlas.com/flexible-solar-tiles-recycle-artificial-light/46321/>

Secretary of State John Kerry lands in Antarctica, with climate legacy under threat

<http://www.cbsnews.com/news/secretary-of-state-john-kerry-visits-antarctica-climate-change-legacy/>

New maps reveal safe locations for wastewater injection

<http://phys.org/news/2016-11-reveal-safe-wastewater.html>

Method found for pulling hydrogen from ammonia for use as clean fuel

<http://phys.org/news/2016-11-method-hydrogen-ammonia-fuel.html>

Biological, Genetics and Medical Sciences

Skin bacteria could protect against disease

<http://phys.org/news/2016-11-skin-bacteria-disease.html>

The Artificial Pancreas Is Here

<https://www.scientificamerican.com/article/the-artificial-pancreas-is-here/>

Companies Bet on Designer Bacteria as New Way to Treat Disease

https://www.technologyreview.com/s/602724/companies-bet-on-designer-bacteria-as-new-way-to-treat-disease/?utm_campaign=internal&utm_medium=homepage&utm_source=features_1

Other

Facebook buys black market passwords to keep your account safe

<http://www.cbsnews.com/news/facebook-buys-black-market-passwords-to-keep-your-account-safe/>

Additional Informational

Google Introduces Project Sunroof

<https://cityspeak.org/2016/11/03/project-sunroof-new-data-explorer-tool/>

TED Talk, Islamophobia killed my brother. Let's end the hate

http://www.ted.com/talks/suzanne_barakat_islamophobia_killed_my_brother_let_s_end_the_hate

U.S. Holocaust Memorial Museum, Resources for Educators

<https://www.ushmm.org/educators>

Cracking the Indus Script

<https://www.harappa.com/content/cracking-indus-script#overlay-context=blog/dholavira-and-its-mysterious-sign-board>

The Great Flying Saucer Mystery of 1966

<http://www.smithsonianmag.com/videos/category/history/great-flying-saucer-mystery-of-1966/>