

**Weekly Science Report
May 8, 2015**

**“You did not bear the shame, you resisted. Sacrificing your life for
freedom, justice and honor.”**

German Resistance Memorial

Table of Contents

Introduction	2
News Articles	3
Paleontology, Evolution and Prehistoric Studies	3
History	5
Archaeology	7
Egyptology.....	9
General Science.....	10
Physics, Earth and Space Sciences	11
Environment, Climate Change and Alternative Energy Sources	13
Biological, Genetics and Medical Sciences	14
Other.....	15
Additional Informational	16

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

Ancient climate change could explain Tibet mystery

<http://www.foxnews.com/science/2015/05/03/ancient-climate-change-could-explain-tibet-mystery/>

Asteroid - lava combo may have killed the dinosaurs

<http://www.cbsnews.com/news/asteroid-lava-combo-may-have-killed-the-dinosaurs/>

DNA suggests all early Eskimos migrated from Alaska's North Slope

http://www.eurekalert.org/pub_releases/2015-04/nu-dsa042715.php

Stone Age People Hooked Eels Like Modern Fishermen

<http://news.discovery.com/history/archaeology/stone-age-people-hooked-eels-like-modern-fishermen-150430.htm>

Alternate theory of inhabitation of North America challenged

http://www.eurekalert.org/pub_releases/2015-04/uom-ato042715.php

Newly found microbe is close relative of complex life

http://www.bbc.com/news/science-environment-32610177#?utm_medium=referral&utm_source=pulsenews

New study of Iceman reveals oldest known example of red blood cells

http://phys.org/news/2015-05-iceman-reveals-oldest-red-blood.html?utm_source=nwletter&utm_medium=email&utm_content=ctgr-item&utm_campaign=daily-nwletter

There was a decline of male diversity when humans took to agriculture

<http://phys.org/news/2015-04-decline-male-diversity-humans-agriculture.html>

Earth is on the edge of a Sixth Extinction

<http://www.msn.com/en-us/weather/topstories/earth-is-on-the-edge-of-a-sixth-extinction/ar-BBiKwgK?ocid=BDT3DHP>

New DNA codes for mammoths: Step toward bringing them back?

http://www.pulse.me/ap/174a572058174e5e8e4988c9dcc72fc7?utm_medium=referral&utm_source=pulsenews

Bizarre cousin of T. Rex was a vegetarian

http://www.foxnews.com/science/2015/04/28/bizarre-cousin-t-rex-was-vegetarian/?cmpid=app_pulse&utm_medium=referral&utm_source=pulsenews

Digs Reveal Stone-Age Weapons Industry With Staggering Output

<http://news.nationalgeographic.com/2015/04/150413-Paleolithic-obsidian-weapons-arteni-armenia-archaeology/>

An Ice Age Heritage, Nearly Lost

<http://www.nytimes.com/2015/04/30/business/international/an-ice-age-heritage-nearly-lost.html?partner=rss&emc=rss>

130,000-Year-Old Neanderthal 'Eagle Claw Necklace' Found in Croatia

<http://www.sci-news.com/archaeology/science-neanderthal-eagle-claw-necklace-krapina-croatia-02588.html>

History

From the buried bunker, Hitler's ghost still haunts Berlin's psyche, 70 years on

http://www.theguardian.com/world/2015/apr/25/berlin-nazi-past-adolf-hitler?CMP=fb_qu

The Shipwreck That Led Confederate Veterans To Risk All For Union Lives

http://www.npr.org/2015/04/27/402515205/the-shipwreck-that-led-confederate-veterans-to-risk-all-for-union-lives?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20150429

As the river rises: Cahokia's emergence and decline linked to Mississippi River flooding

http://www.eurekalert.org/pub_releases/2015-05/uow-atr043015.php

Tales teeth can tell: Dental enamel reveals surprising migration patterns in ancient Indus civilizations

<http://news.ufl.edu/archive/2015/04/tales-teeth-can-tell-dental-enamel-reveals-surprising-migration-patterns-in-ancient-indus-civilizations.html>

What Americans forget about French resistance

<http://www.cnn.com/2015/05/06/opinions/kaiser-ve-day-french-resistance/index.html>

Muslim Kosovars rediscover their long-forgotten Roman Catholic roots

http://www.washingtonpost.com/national/religion/muslim-kosovars-rediscover-their-long-forgotten-roman-catholic-roots/2015/05/06/b0c62832-f41c-11e4-bca5-21b51bbdf93e_story.html

Tracing the children of the Holocaust

<http://www.bbc.com/news/magazine-32589411>

The world's top detective for Nazi looted art

<http://www.dailymail.co.uk/news/article-2843206/The-world-s-detective-Nazi-looted-art-Sleuth-tracked-250million-worth-stolen-art-including-priceless-works-Picasso-Renoir-Matisse.html>

Last of the Civil War veterans

http://mashable.com/2015/04/10/civil-war-oldest-veterans/?utm_cid=lf-toc

Auschwitz commander's barber, Jozef Paczynski, dies at 95

<http://news.yahoo.com/auschwitz-commanders-barber-jozef-paczynski-dies-95-174718769.html>

University of Glasgow researcher discovers 'oldest book'

<http://www.bbc.com/news/uk-scotland-south-scotland-32515829>

Ottoman works in Kosovo inscripted in three languages

<http://www.dailysabah.com/arts-culture/2015/04/13/ottoman-works-in-kosovo-inscripted-in-three-languages>

Rorschach Tests at the Nuremberg Trials

http://blogs.discovermagazine.com/neuroskeptic/2015/04/25/roorschach-tests-at-the-nuremberg-trials/?utm_medium=referral&utm_source=pulsenews

Auschwitz guard offers Germans something rare: A Nazi who admits what he did

<http://www.msn.com/en-us/news/world/auschwitz-guard-offers-germans-something-rare-a-nazi-who-admits-what-he-did/ar-AAAbAacG>

When A Muslim Doctor Saved A Jewish Teenager From The Nazis

<http://www.worldcrunch.com/rss/culture-society/when-a-muslim-doctor-saved-a-jewish-teenager->

[from-the-nazis/religion-war-germany-israel-
hero/c3s18584/?utm_medium=referral&utm_source=pulsenews#.VUEHJ2dOUdU](http://www.pulsenews.com/story/news/2015/04/30/403090790/learning-about-the-quran-from-a-catholic-archbishop/)

Learning About The Quran ... From A Catholic Archbishop

http://www.npr.org/blogs/parallels/2015/04/30/403090790/learning-about-the-quran-from-a-catholic-archbishop?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20150430

Germans listen to fading voices of war's last survivors

<http://news.yahoo.com/germans-listen-fading-voices-wars-last-survivors-171529986.html>

What Old Nazis Make Us Remember

http://www.nytimes.com/2015/05/01/opinion/why-old-nazis-are-still-useful.html?smid=fb-nytimes&smtyp=cur&bicmp=AD&bicmlukp=WT.mc_id&bicmst=1409232722000&bicmet=1419773522000&r=0

Poland recalls dark side of WWII victory

<http://news.yahoo.com/poland-recalls-dark-side-wwii-victory-062247000.html>

Jerusalem church readies for first modern Palestinian saints

<http://news.yahoo.com/jerusalem-church-readies-first-modern-palestinian-saints-110017746.html>

Archaeology

Laser vision reveals hidden worlds

<https://student.societyforscience.org/article/laser-vision-reveals-hidden-worlds>

Crews working on pipeline discover remains of ancient civilization in Utah

<http://fox13now.com/2015/04/29/construction-crews-working-on-pipeline-discover-remains-of-ancient-civilization-in-utah/>

Heritage destruction in conflict zones provides archaeological opportunities

http://www.eurekalert.org/pub_releases/2015-05/uol-hdi_1050115.php

Study finds ancient clam beaches not so natural

http://www.eurekalert.org/pub_releases/2015-04/sfu-sfa042915.php

Author examines ceremonial heart of earthworks

<http://www.dispatch.com/content/stories/science/2015/05/03/1-author-examines-ceremonial-heart-of-earthworks.html>

Mes Aynak: A Story of Courage and a Priceless World Treasure in Afghanistan

<http://popular-archaeology.com/issue/spring-2015/article/mes-aynak-a-story-of-courage-and-a-priceless-world-treasure-in-afghanistan>

Giant Easter Island 'Hats' Rolled Into Place, Study Says

<http://www.livescience.com/50617-easter-island-hats-rolled.html>

How an Expedition to Study a Sunken Nazi U-Boat Rescued a Reputation

http://www.nbcnews.com/science/science-news/how-expedition-study-sunken-nazi-u-boat-rescued-reputation-n354826?cid=sm_fb

Tourists shatter priceless sculpture in Italy in pursuit of ultimate selfie

<http://roadwarriorvoices.com/2015/05/06/tourists-shatter-priceless-sculpture-in-italy-in-pursuit-of-ultimate-selfie/>

'Ransacked' Roman Temple Has Hidden Medieval Secrets

<http://news.yahoo.com/ransacked-roman-temple-hidden-medieval-secrets-122939358.html>

Nepal's Only National Art Collection in Peril After Earthquake

<http://hyperallergic.com/205787/nepals-only-national-art-collection-in-peril-after-earthquake/>

Shroud of Turin back on display in Italy for a limited time

http://www.upi.com/Top_News/World-News/2015/04/19/Shroud-of-Turin-back-on-display-in-Italy-for-a-limited-time/4441429457623/?utm_medium=referral&utm_source=pulsenews

Museums in Europe and US draw up rescue plans for ravaged sites in Iraq

<http://www.theartnewspaper.com/news/museums/154741/>

German ruins of World War II

<http://www.dw.de/german-ruins-of-world-war-ii/g-18427388>

Pirate Capt Kidd's 'treasure' found in Madagascar

<http://www.bbc.com/news/world-africa-32621444>

Massive Underground City Found in Cappadocia Region of Turkey

<http://news.nationalgeographic.com/2015/03/150325-underground-city-cappadocia-turkey-archaeology/>

George Takei helps L.A. museum acquire internment camp artifacts

<http://www.latimes.com/entertainment/arts/culture/la-et-cm-japanese-american-national-museum-george-takei-internment-camp-artifacts-20150501-story.html#page=1>

Archeology of the Hebrew Bible

<http://www.pbs.org/wgbh/nova/ancient/archeology-hebrew-bible.html>

Egyptology

Sudan's pyramids, nearly as grand as Egypt's, go unvisited

<http://news.yahoo.com/sudans-pyramids-nearly-grand-egypts-unvisited-105511463.html>

Controversy erupts over ancient 'theatre' in Alexandria

<http://english.ahram.org.eg/NewsContent/9/41/128693/Heritage/GrecoRoman/Controversy-erupts-over-ancient-theatre-in-Alexand.aspx>

Archaeologists discover 4,500-year-old statue of mysterious Egyptian pharaoh

<http://theweek.com/speedreads/553359/archaeologists-discover-4500yearold-statue-mysterious-egyptian-pharaoh>

Archaeologists discover mass graves at ancient Egyptian fortress

<http://theweek.com/speedreads/553592/archaeologists-discover-mass-graves-ancient-egyptian-fortress>

Alexandria Lighthouse to be reassembled in original location

<http://www.thecairopost.com/news/149009/culture/alexandria-lighthouse-to-be-reassembled-in-original-location>

General Science

Movements of fish, bats inspire next-gen robots

<http://www.cbsnews.com/news/movements-of-fish-bats-could-inspire-better-robots/>

Watch DARPA's 'Magic' Bullet Swerve To Correct Its Course

http://www.popsci.com/darpa-video-shows-course-correcting-bullet?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

How computers got amazing: Moore's Law at 50

<http://www.usatoday.com/story/tech/2015/04/19/moores-law-50/25839427/>

Physics, Earth and Space Sciences

Boeing, SpaceX seek to end reliance on Russia

<http://www.floridatoday.com/story/tech/science/space/2015/04/30/boeing-spacex-seek-end-reliance-russia-astronaut-launches/26637737/>

Look At This Ferrari Designer's Slick Spaceship Idea

http://www.popsci.com/look-ferrari-designers-slick-spaceship?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

MIT Tests Thinking SeaBots

http://www.popsci.com/mit-tests-thinking-seabots?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Secretive X-37B Military Space Plane Preps for Another Mystery Mission

<http://www.nbcnews.com/science/space/secretive-x-37b-military-space-plane-preps-another-mystery-mission-n348111>

New spectroscopic images of Mercury are a rainbow of colour

http://www.cnet.com/news/new-spectroscopic-images-of-mercury-are-a-rainbow-of-colour/#ftag=CADbac3506?utm_medium=referral&utm_source=pulsenews

Signs of Subsurface 'Alien' Life Found in Antarctica

http://news.discovery.com/space/alien-life-exoplanets/possible-mars-like-aquifer-discovered-in-antarctica-150428.htm?utm_medium=referral&utm_source=pulsenews#mkcpgn=rssnws1

Cyberattack Takes Down Controversial Mauna Kea Telescope Website

http://www.popsci.com/contentious-mauna-kea-telescope-website-downed-cyberattack?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Secret Air Force Space Plane Gets Darth Vader-Style Engine

http://www.popsci.com/air-force-space-plane-gets-science-fiction-engine?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Arthur C. Clarke papers come to Air and Space Museum Archives

http://smithsonianscience.org/2015/04/sir-arthur-c-clarke-collection-soon-available-to-researchers-at-air-and-space-museum/?utm_medium=referral&utm_source=pulsenews

For The First Time, Visible Light From An Exoplanet Detected

http://www.popsci.com/we-now-know-how-measure-visible-light-reflecting-exoplanets?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Out of fuel, Messenger spacecraft will slam into Mercury

<http://www.usatoday.com/story/tech/2015/04/20/mercury-messenger/26066743/>

What future 'eyes' in space will see

http://www.csmonitor.com/Science/2015/0419/What-future-eyes-in-space-will-see?utm_medium=referral&utm_source=pulsenews

How lasers could be the future of space cleanup

http://www.csmonitor.com/Science/2015/0419/How-lasers-could-be-the-future-of-space-cleanup?utm_medium=referral&utm_source=pulsenews

Radio silence as Russia tries to contact space cargo

<http://news.yahoo.com/russian-cargo-spacecraft-hit-glitch-084321028.html>

Welcome To The Neighborhood: 2 Super-Earths Discovered

http://www.npr.org/blogs/thetwo-way/2015/04/29/403066358/welcome-to-the-neighborhood-2-super-earths-discovered?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=nprnews&utm_content=20150429

Multifractals suggest the existence of an unknown physical mechanism on the Sun

<http://phys.org/news/2015-04-multifractals-unknown-physical-mechanism-sun.html>

The Very Serious Business of Figuring Out How Earth Will Handle First Contact with Aliens

http://www.vice.com/read/the-very-serious-business-of-figuring-out-how-earth-will-handle-first-contact-with-aliens-514?utm_source=vicebus

Radiation In Space May Change Astronauts' Brain Structure

http://www.popsci.com/long-term-space-radiation-may-cause-structural-brain-changes?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

We Might Welcome Robot Lawn Mowers, But Astronomers Aren't So Happy

<http://www.npr.org/blogs/thetwo-way/2015/04/16/400183904/we-might-welcome-robot-lawn-mowers-but-astronomers-arent-so-happy?sc=tw>

Environment, Climate Change and Alternative Energy Sources

Climate drives 'new era' in Arctic Ocean

<http://www.bbc.com/news/science-environment-32553668>

Teen who spray-painted prom invite on Idaho cliff sought

<http://www.msn.com/en-us/news/crime/teen-who-spray-painted-prom-invite-on-idaho-cliff-sought/ar-BBjqCT?ocid=U218DHP>

Solar Oven Works on a Cloudy Day

http://news.discovery.com/tech/alternative-power-sources/solar-grill-works-on-a-cloud-day-150506.htm?utm_medium=referral&utm_source=pulsenews#mkcpqn=rssnws1

Five Innovations That Will Electrify Africa

http://www.ssireview.org/blog/entry/five_innovations_that_will_electrify_africa

Audi is making fuel from air and water

<http://qz.com/392138/audi-is-making-fuel-from-air-and-water/>

Giant Waves Quickly Destroy Arctic Ocean Ice and Ecosystems

<http://www.scientificamerican.com/article/giant-waves-quickly-destroy-arctic-ocean-ice-and-ecosystems1/>

Drones Fly Over Melting Arctic Ice For Science

http://www.popsci.com/drones-fly-over-melting-arctic-ice-science?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

In Northwest, A Push To Protect Forest As Geothermal Projects Near

<http://www.npr.org/2015/04/20/401039759/in-northwest-a-push-to-protect-forest-as-geothermal-projects-near?sc=tw>

Under Their Feet: A Filipino Village Taps Geothermal Energy

http://www.worldcrunch.com/rss/culture-society/under-their-feet-a-filipino-village-taps-geothermal-energy/science-energy-asia-minorities-power-/c3s18613/?utm_medium=referral&utm_source=pulsenews#.VUEHLWdOUdU

How Tesla Could End Your Electric Bill

<http://www.usnews.com/news/articles/2015/04/29/new-tesla-battery-could-end-electricity-bills>

What's the Best Path to a Sustainable Future?

http://blogs.kqed.org/education/2015/03/17/whats-the-best-path-to-a-sustainable-future/?utm_source=rss&utm_medium=rss&utm_campaign=whats-the-best-path-to-a-sustainable-future&utm_medium=referral&utm_source=pulsenews

Defecting from the Power Grid? Unlikely, Analysts Say

http://news.discovery.com/earth/global-warming/defecting-from-the-power-grid-unlikely-analysts-say-150418.htm?utm_medium=referral&utm_source=pulsenews#mkcpqn=rssnws1

Solar Oven Works on a Cloudy Day

http://news.discovery.com/tech/alternative-power-sources/solar-grill-works-on-a-cloud-day-150506.htm?utm_medium=referral&utm_source=pulsenews#mkcpqn=rssnws1

Solar energy 'could power all Scottish electricity supplies'

http://www.bbc.com/news/uk-scotland-32577089?utm_medium=referral&utm_source=pulsenews

Biological, Genetics and Medical Sciences

Bio-compatible jabs to help deliver drugs

<http://timesofindia.indiatimes.com/home/science/Bio-compatible-jabs-to-help-deliver-drugs/articleshow/47156670.cms>

A 3-D-Printed Implant Saves Lives

<http://www.technologyreview.com/news/537166/a-3-d-printed-implant-saves-lives/>

US 'will not fund research for modifying embryo DNA'

<http://www.bbc.com/news/health-32530334>

This Is The First Baby Conceived With Controversial Mitochondrial Method

http://www.popsoci.com/first-baby-born-using-three-parent-baby-technique?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

DNA 'Printing' A Big Boon To Research, But Some Raise Concerns

<http://www.npr.org/blogs/health/2015/05/07/404460240/dna-printing-a-big-boon-to-research-but-some-raise-concerns?sc=tw>

Vaccine Patches For Measles Could Be Here By 2017

http://www.popsoci.com/vaccine-patches-measles-could-be-here-2017?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Replace Your Eyeballs With Synthetic Ones

http://www.popsoci.com/biotech-startup-wants-replace-your-eyeballs-synthetic-ones?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Gene therapy's 'temporary benefits' for retina disease

http://www.bbc.com/news/health-32550128#?utm_medium=referral&utm_source=pulsenews

3D Heart Simulation Predicts How Drugs Will Affect Your Heartbeat

http://www.popsoci.com/3d-heart-simulation-predicts-how-drugs-will-affect-your-heartbeat?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Other

Governments are HIDING aliens, claims former defence minister: Paul Hellyer urges world leaders to reveal 'secret files'

<http://www.dailymail.co.uk/sciencetech/article-3051151/Governments-HIDING-aliens-claims-former-defence-minister-Paul-Hellyer-urges-world-leaders-reveal-secret-files.html>

A Veteran Scientist Dreams Boldly Of 'Earth And Sky'

<http://www.npr.org/2015/05/02/403530867/a-veteran-scientist-dreams-boldly-of-earth-and-sky>

New video explains The Fermi Paradox and why we've never been visited by aliens

<http://www.blastr.com/2015-5-7/new-video-explains-fermi-paradox-and-why-weve-never-been-visited-aliens>

Additional Informational

6 Things You May Not Know About the Dead Sea Scrolls

http://www.history.com/news/history-lists/6-things-you-may-not-know-about-the-dead-sea-scrolls?cmid=Social_FBPAGE_HISTORY_20150503_176091732&linkId=13930103

Those Who Stood Up for Science: Photos

http://news.discovery.com/history/those-who-stood-up-for-science-photos-150506.htm?utm_medium=referral&utm_source=pulsenews#mkcpqn=rssnws1

Asteroid Day Newsletter

<http://us9.campaign-archive2.com/?u=0e9c23265f31e0f37201d19b6&id=5e68d51764>

Here's How a Hot Solar Project Is Keeping Its Cool

<http://people4smartercities.com/series/heres-how-hot-solar-project-keeping-its-cool>

One of the World's Driest Cities Is Reviving Its 1,000-Year-Old Water Infrastructure

<http://www.100resilientcities.org/blog/entry/one-of-the-worlds-driest-cities-is-reviving-its-1000-year-old-water-infrast#/-/>

Mohenjo-Daro's New Story: What may be the Bronze Age's largest city lies on the plains of Pakistan

<http://andrewlawler.com/website/wp-content/uploads/Mohenjo-Daro.pdf>

A piece of research challenges the view that Neolithic societies were egalitarian

http://www.ehu.eus/en/en-content/-/asset_publisher/157S/content/n_20150429_sepulcros_megaliticos?redirect=http%3A%2F%2Fwww.ehu.eus%2Fen%2Fen-home%3Fp_p_id%3D101_INSTANCE_eFh7%26p_p_lifecycle%3D0%26p_p_state%3Dnormal%26p_p_mode%3Dview%26p_p_col_id%3Dcolumn