

Weekly Science Report
April 17, 2015

**“If you wish to achieve worthwhile things in your personal and career life,
you must become a worthwhile person in your own self-development.”**

Brian Tracy

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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

Neolithic jewelry splits farmers from hunters

<http://www.futurity.org/neolithic-farmers-hunters-jewelry-893942/>

New Discovery of World's Oldest Stone Tools

<http://www.npr.org/blogs/thetwo-way/2015/04/15/399937433/new-discovery-of-worlds-oldest-tools?sc=tw>

Gigantic Marine Lizard's Origin Story Gets a Rewrite

http://news.discovery.com/animals/gigantic-marine-lizards-origin-story-gets-a-rewrite-150413.htm?utm_medium=referral&utm_source=pulsenews#mkcpgn=rssnws1

Ocean Acidification Caused the Largest Mass Extinction Ever

http://www.popsoci.com/ocean-acidification-caused-largest-mass-extinction-ever?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Palaeolithic remains show cannibalistic habits of human ancestors

<http://www.sciencedaily.com/releases/2015/04/150416093928.htm>

Archaeologists find Britain's oldest human cremation at Mesolithic pit in Essex

<http://www.culture24.org.uk/history-and-heritage/archaeology/art523965-archaeologists-find-britain-oldest-human-cremation-at-mesolithic-pit-in-essex>

Neanderthals manipulated the bodies of adults and children shortly after death

<http://www.agenciasinc.es/en/News/Neanderthals-manipulated-the-bodies-of-adults-and-children-shortly-after-death>

Archaeologists return to Cova Gran rock shelter

<http://popular-archaeology.com/issue/spring-2015/article/archaeologists-return-to-cova-gran-rock-shelter>

Complex cognition shaped the Stone Age hand axe, study shows

<http://popular-archaeology.com/issue/spring-2015/article/complex-cognition-shaped-the-stone-age-hand-axe-study-shows>

Earliest humans in Western Europe followed the climate

<http://popular-archaeology.com/issue/spring-2015/article/earliest-humans-in-western-europe-followed-the-climate>

Northern Europeans were slow to adopt farming, say researchers

<http://popular-archaeology.com/issue/spring-2015/article/northern-europeans-were-slow-to-adopt-farming-say-researchers>

Lao skull earliest example of modern human fossil in Southeast Asia

http://www.news.illinois.edu/news/12/0820skull_LauraShackelford.html

History

Hokusai and the wave that swept the world

<http://www.bbc.com/culture/story/20150409-the-wave-that-swept-the-world>

US to exhume remains from Pearl Harbor attack

<http://www.msn.com/en-us/news/us/us-to-exhume-remains-from-pearl-harbor-attack/ar-AAAb0MsQ?ocid=U218DHP>

In Mapping the Holocaust, a Horrifying Lesson in Nazi "Paths to Persecution"

<http://www.pbs.org/wqbh/pages/frontline/social-issues/memory-of-the-camps/in-mapping-the-holocaust-a-horrifying-lesson-in-nazi-paths-to-persecution/>

Evidence of Pre-Columbus Trade Found in Alaska House

<http://www.livescience.com/50506-artifacts-reveal-pre-columbus-trade.html>

Discovery Gives New Ending To A Death At The Civil War's Close

<http://www.npr.org/2015/04/12/398838458/discovery-gives-new-ending-to-a-death-at-the-civil-wars-close?sc=tw>

Teacher Under Fire for Anti-Muslim Lesson

<https://www.yahoo.com/parenting/teacher-under-fire-for-anti-muslim-lesson-115945553072.html>

Germany's Nazi hunters are heading to Ecuador

<http://www.globalpost.com/article/6512875/2015/04/11/nazi-hunters-head-ecuador>

Pope Francis' Latest Mission: Stopping Nuclear Weapons

<http://time.com/3817021/pope-francis-nuclear-disarmament/>

Tributes begin as Washington marks 150 years since Lincoln's assassination

http://www.washingtonpost.com/local/tributes-begin-as-washington-marks-150-years-since-lincolns-assassination/2015/04/13/3a7787fa-e203-11e4-905f-cc896d379a32_story.html

The 'Killing Fields' We'd Like to Ignore

<http://www.wsj.com/articles/the-killing-fields-wed-like-to-ignore-1428967767>

New mass grave found at Bergen-Belsen concentration camp

<http://www.ibtimes.co.uk/new-mass-grave-found-bergen-belsen-concentration-camp-1496020>

Archaeology

466-year-old chapel in Malaysia set to undergo restoration

<http://news.asiaone.com/news/malaysia/466-year-old-chapel-malaysia-set-undergo-restoration#sthash.rm9ZfT4Y.dpuf>

IS video shows destruction of ancient Assyrian city

<http://www.msn.com/en-us/news/world/is-video-shows-destruction-of-ancient-assyrian-city/ar-AAaSSSk?ocid=U218DHP>

Another huge and open iron mine is carved out of Brazil's rain forest

http://www.washingtonpost.com/world/the_americas/another-huge-and-open-iron-mine-is-carved-out-of-brazils-rain-forest/2015/04/13/cc1ce49a-cd75-11e4-8730-4f473416e759_story.html?hpid=z1

'Significant' Pictish fort found off Aberdeenshire coast

<http://www.bbc.com/news/uk-scotland-north-east-orkney-shetland-32325310>

Divers recover \$65m of silver coins from ship sunk by U-boat

<http://www.msn.com/en-us/news/world/divers-recover-dollar65m-of-silver-coins-from-ship-sunk-by-u-boat/ar-AAb418k?ocid=U218DHP>

The Marine Corps' Archeological Treasure Trove

<http://www.usnews.com/news/articles/2015/04/15/twenty-nine-palms-an-archeological-treasure-trove-below-a-military-training-center>

Archaeologists have known since 1919 that Easter Island's heads have bodies. Did you?

http://mobile.news.com.au/travel/world-travel/archaeological-dig-reveals-that-easter-island-heads-have-bodies-too/story-e6frfqai-1226478668649?hc_location=ufi

The Unsolved Mystery of the Tunnels at Baiae

http://www.smithsonianmag.com/history/the-unsolved-mystery-of-the-tunnels-at-baiae-56267963/?no-ist=&utm_source=twitter.com

WWII Ship USS Independence Found 'Amazingly Intact' on Ocean Floor

<http://www.nbcnews.com/science/weird-science/amazingly-intact-wwii-aircraft-carrier-found-ocean-floor-n343596>

Ancient skeletons found in India

<http://www.bbc.com/news/world-asia-india-32313702?OCID=fbasia>

South Iceland Cave Made before Settlement

<http://icelandreview.com/news/2015/04/17/south-iceland-cave-made-settlement>

Newly-discovered remains redraw path of Great Wall

http://europe.chinadaily.com.cn/china/2015-04/15/content_20441162.htm

600-year-old geoglyph destroyed in Trujillo

<http://www.peruthisweek.com/news-600-year-old-geoglyph-destroyed-in-trujillo-105873>

Tombs Filled with Dozens of Mummies Discovered in Peru

<http://www.livescience.com/50415-dozens-of-mummies-discovered-in-peru.html>

Archaeologists defy Isis militants by finding new antiquities in Iraq

<http://phys.org/news/2015-04-archaeologists-defy-isis-militants-antiquities.html>

Egyptology

Older Than Giza: 4,600-Year-Old Pyramid Uncovered in Egypt

<http://www.nbcnews.com/science/science-news/older-giza-4-600-year-old-pyramid-uncovered-egypt-n21366>

Egypt archaeologists find pharaoh chapel

<http://news.yahoo.com/egypt-archaeologists-pharaoh-chapel-183713851.html>

Ancient Egyptian shrine, bust unearthed under modern Cairo

<http://www.thecairopost.com/news/146170/culture/ancient-egyptian-shrine-bust-unearthed-under-modern-cairo>

General Science

Army foresees a new age for robots

<http://www.c4isrnet.com/story/military-tech/robotics/2015/04/14/army-foresees-new-age-for-robots/25770499/>

Marsh Drone Floats on Water to Search Murky Depths Below

http://www.popsci.com/marsh-drone-floats-water-and-searches-underneath?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Watch This Autonomous Drone Eat Fuel In The Sky

http://www.popsci.com/look-autonomous-drone-eat-fuel-sky?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Physics, Earth and Space Sciences

Flying Oceans of Magma Help Demystify the Moon's Creation

<http://news.nationalgeographic.com/2015/04/150408-moon-form-giant-impact-earth/>

Earth Was Once a Snowball Locked in 'Crazy' Deep Freeze

http://news.discovery.com/earth/weather-extreme-events/earth-was-once-a-snowball-locked-in-crazy-deep-freeze-150413.htm?utm_medium=referral&utm_source=pulsenews#mkcpgn=rssnws1

Dark matter map unveils first results

http://www.bbc.com/news/science-environment-32284995#?utm_medium=referral&utm_source=pulsenews

Why the Earth Gets Stronger When a Meteor Strikes

http://www.newser.com/story/205334/why-the-earth-gets-stronger-when-a-meteor-strikes.html?utm_source=part&utm_medium=usatoday&utm_campaign=syn

There Is Probably Liquid Water Right Underneath The Surface Of Mars

http://www.popsci.com/mars-probably-has-liquid-water-right-underneath-its-surface?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Complex Organic Molecules Discovered in Infant Star System

http://smithsonianscience.org/2015/04/complex-organic-molecules-discovered-in-infant-star-system/?utm_medium=referral&utm_source=pulsenews

Icarus Interstellar: Visions of Our Starship Future

http://news.discovery.com/space/private-spaceflight/icarus-interstellar-visions-of-our-starship-future-150410.htm?utm_medium=referral&utm_source=pulsenews#mkcpgn=rssnws1

Did A Giant Asteroid Impact Make Earth's Rock Crust Splash Like Water?

http://www.popsci.com/can-giant-asteroids-liquefy-earths-crust-well-soon-find-out?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

The Moon May Be The Result Of Earth's Collision With Its Long-Lost Twin

http://www.popsci.com/moon-likely-result-earths-collision-twinlike-planet?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

The Fertile Crescent of Space Exploration

http://blogs.discovermagazine.com/outthere/2015/04/16/the-fertile-crescent-of-space-exploration/?utm_medium=referral&utm_source=pulsenews

SpaceX shipment arrives at space station, brings first espresso maker in orbit from Italy

http://www.foxnews.com/science/2015/04/17/spacex-shipment-arrives-at-space-station-brings-1st-espresso-maker-in-orbit/?cmpid=app_pulse&utm_medium=referral&utm_source=pulsenews

Scientists Find No Obvious Signs Of Life In 100,000 Galaxies

http://www.popsci.com/scientists-found-no-obvious-signs-life-100000-galaxies?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Radiation and Boredom: Manned Mars Mission Faces Challenges

<http://news.yahoo.com/radiation-boredom-manned-mars-mission-faces-challenges-221846470.html>

Environment, Climate Change and Alternative Energy Sources

First hydropower plant small enough for your backpack meets crowd-funding goal

<https://www.yahoo.com/tech/s/first-hydropower-plant-small-enough-backpack-meets-crowd-203346715.html>

Armed rangers guard last northern white rhino male

<http://www.grindtv.com/wildlife/armed-rangers-guard-last-northern-white-rhino-male/#eAQQ0Zk5hgtpRMiK.99>

Goodbye, glaciers?

<http://www.cnn.com/2015/04/05/travel/the-wonder-list-chamonix-alps-bill-weir/index.html>

Mystery blob in the Pacific messes up US weather and ecosystems

http://www.newscientist.com/article/dn27362-mystery-blob-in-the-pacific-messes-up-us-weather-and-ecosystems.html?cmpid=RSS%7CNSNS%7C2012-GLOBAL%7Cenvironment#.VTHRZ8K_zIV

West Coast sardine season called off amid population decline

http://www.pulse.me/ap/ac0c2b24498349e6bd8bd81751f99b02?utm_medium=referral&utm_source=pulsenews

In The Netherlands, A Giant Wind Turbine For People To Live On

http://www.popsci.com/netherlands-building-giant-wind-turbine-people-live?con&dom=pulse&src=syndication&utm_medium=referral&utm_source=pulsenews

Unst plan to turn wind into gas...and sell

<http://www.shetnews.co.uk/news/10462-unst-plan-to-turn-wind-into-gas-and-sell-it>

Star Wars' Moisture Farming Tech Won't Save California

http://news.discovery.com/tech/alternative-power-sources/star-wars-moisture-farming-tech-wont-save-california-150416.htm?utm_medium=referral&utm_source=pulsenews#mkcpgn=rssnws1

Solving the Four Corners Mystery: Probes Map Methane 'Hot Spot'

<http://news.yahoo.com/solving-four-corners-mystery-probes-map-methane-hot-114029642.html>

ORNL's historic reactor still going strong

http://www.knoxnews.com/news/local-news/ornl-historic-reactor-still-going-strong_78127236

How drinking water pipes can also deliver electric power

<http://www.pbs.org/newshour/bb/drinking-water-pipes-can-also-deliver-electric-power/>

United States, China team explore energy harvesting

<http://phys.org/news/2015-04-states-china-team-explore-energy.html>

Harvesting energy from electromagnetic waves

<http://phys.org/news/2015-04-harvesting-energy-electromagnetic.html>

Major advance in artificial photosynthesis poses win/win for the environment

<http://phys.org/news/2015-04-major-advance-artificial-photosynthesis-poses.html>

Biological, Genetics and Medical Sciences

Female Chimps Seen Making, Wielding Spears

http://news.discovery.com/animals/female-chimps-seen-making-wielding-spears-150414.htm?utm_medium=referral&utm_source=pulsenews#mkcpqn=rssnws1

Gray whales' Pacific crossing leads to questions of origin

http://www.pulse.me/ap/8537639b1ca54d41a4258ffc93ca0af0?utm_medium=referral&utm_source=pulsenews

Monkey Presumed Extinct Appears in Congo Forest

http://news.discovery.com/animals/endangered-species/monkey-presumed-extinct-appears-in-congo-forest-150417.htm?utm_medium=referral&utm_source=pulsenews#mkcpqn=rssnws1

Tribe Found to Host Amazing Array of Bacteria

http://news.discovery.com/human/health/amazon-tribe-found-to-host-amazing-array-of-bacteria-150417.htm?utm_medium=referral&utm_source=pulsenews#mkcpqn=rssnws1

Other

Mysterious Desert Fairy Circles Share Pattern with Skin Cells

<http://news.yahoo.com/mysterious-desert-fairy-circles-share-pattern-skin-cells-133946460.html>

This CEO raised all his employees' salaries to at least \$70,000 by cutting his own

http://www.washingtonpost.com/blogs/on-leadership/wp/2015/04/14/this-ceo-raised-all-his-employees-salaries-to-at-least-70000-by-cutting-his-own/?tid=sm_fb

Can The Earth Be Conscious?

http://www.npr.org/blogs/13.7/2015/04/14/399539853/can-the-earth-be-conscious?utm_source=facebook.com&utm_medium=social&utm_campaign=npr&utm_term=npr_news&utm_content=20150414

The college degree has become the new high school degree

http://www.washingtonpost.com/opinions/catherine-rampell-the-college-degree-has-become-the-new-high-school-degree/2014/09/08/e935b68c-378a-11e4-8601-97ba88884ffd_story.html

Additional Informational

Nothing to Report