

Weekly Science Report

June 13, 2025

“It happened, and it can therefore happen again. Therein lies the core of what we have to say.”

Primo Levi, Auschwitz Survivor

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Introduction

Steve Detwiler created this publication with the support of Graham Hancock and the late 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!

The Weekly Science Report is also on social media at:

- Facebook: <https://www.facebook.com/weeklysciencertpt/>
- Twitter: <https://twitter.com/wklysciencertpt>

News Articles

Paleontology, Evolution and Prehistoric Studies

How scientists confirmed the existence of 200-million-year-old species thought to be extinct

<https://abcnews.go.com/US/scientists-confirmed-existence-200-million-year-species-thought/story?id=122773046>

Anthropologists map Neanderthals' long and winding roads across Europe and Eurasia

<https://phys.org/news/2025-06-anthropologists-neanderthals-roads-europe-eurasia.html>

Philippine islands had technologically advanced maritime culture 35,000 years ago, archaeologists discover

<https://phys.org/news/2025-06-philippine-islands-technologically-advanced-maritime.html>

Evidence of human habitation from up to 700,000 years ago found in Iran's Qaleh Kurd cave

https://www.jpost.com/archaeology/article-857152#google_vignette

Teen girl from 6,200 years ago with cone-shaped skull unearthed in Iran

<https://phys.org/news/2025-06-teen-girl-years-cone-skull.html>

Oldest known human fingerprint discovered on ancient Neanderthal artwork

<https://phys.org/news/2025-06-oldest-human-fingerprint-ancient-neanderthal.html>

Strange pits on 'hobbit' teeth and other archaic humans could reveal hidden links in our family tree

<https://www.livescience.com/archaeology/human-evolution/strange-pits-on-2-million-year-old-teeth-may-reveal-which-human-relatives-are-closely-related-to-each-other>

14,000-year-old mummified 'puppies' weren't dogs at all, new research shows

<https://www.cnn.com/2025/06/14/science/ice-age-wolf-pups>

History

CIA releases 54 declassified documents related to RFK assassination

<https://www.cbsnews.com/news/rfk-assassination-files-documents-cia-declassified/>

This Exiled Romanov Princess Fled the Bloodshed of the Russian Revolution and Reinvented Herself as a Fashion Icon

https://www.smithsonianmag.com/history/this-exiled-romanov-princess-fled-the-bloodshed-of-the-russian-revolution-and-reinvented-herself-as-a-fashion-icon-180986776/?utm_source=smithsonianmag&utm_medium=email&utm_campaign=editorial&lctg=98054053

National Park signage encourages the public to help erase negative stories at its sites

https://www.npr.org/2025/06/10/nx-s1-5429773/national-park-service-signs?utm_campaign=npr&utm_term=nprnews&utm_medium=social&utm_source=facebook.com&fbclid=IwZXh0bgNhZW0CMTEAAR565AUM0W5Be7Z_FojwCtQJKII-ib9-wluuFm9vs1CHGkGh30F10EqY-bfRqQ_aem_H3v8qlkxYWKRXIGIIH0JuQ&sfnsn=mo

Stolen Paintings Linked to Retired Couple Who Supposedly Moonlighted as Art Thieves Returned to New Mexico Museum After 40 Years

https://www.smithsonianmag.com/smart-news/stolen-paintings-linked-to-retired-couple-who-supposedly-moonlighted-as-art-thieves-returned-to-new-mexico-after-40-years-180986765/?utm_source=smithsonianmag&utm_medium=email&utm_campaign=editorial&lctg=98054053

Tulsa's new Black mayor proposes \$100M trust to 'repair' impact of 1921 Race Massacre

https://www.cnn.com/2025/06/01/us/tulsa-race-massacre-1921-oklahoma?Date=20250602&Profile=CNN&utm_content=1748826180&utm_medium=social&utm_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR61B4kvRHueghTD1NVhXYtDmdT6kp9_HN7fCSx2TihQHjNPC_UKeFdtsJ8rg_aem_VgHe_Tig5X83F9WRRV5vzA&sfnsn=mo

The Dead Sea Scrolls Changed Our Understanding of the Bible. Could Some of Them Be Even Older Than We Thought?

<https://www.smithsonianmag.com/smart-news/the-dead-sea-scrolls-changed-our-understanding-of-the-bible-could-some-of-them-be-even-older-than-we-thought-180986746/>

Medieval murder: Records suggest vengeful noblewoman had priest assassinated in 688-year-old cold case

<https://phys.org/news/2025-06-medieval-vengeful-noblewoman-priest-assassinated.html>

'Lost Colony' of Roanoke may have assimilated into Indigenous society, archaeologist claims — but not everyone is convinced

<https://www.livescience.com/archaeology/lost-colony-of-roanoke-may-have-assimilated-into-indigenous-society-archaeologist-claims-but-not-everyone-is-convinced>

Decorative terracotta pieces challenge existing ideas on Carpetania's role in Mediterranean globalization

<https://phys.org/news/2025-06-terracotta-pieces-ideas-carpetania-role.html>

Did China's first emperor send expedition west in quest for 'elixir of life'?

<https://www.scmp.com/news/china/science/article/3313846/did-chinas-first-emperor-send-expedition-towards-west-quest-elixir-life>

Were the first kings of Poland actually from Scotland? New DNA evidence unsettles a nation's founding myth

<https://theconversation.com/were-the-first-kings-of-poland-actually-from-scotland-new-dna-evidence-unsettles-a-nations-founding-myth-258579>

Archaeology

Yemen's Al-Qahira Castle Survived Centuries of War and Neglect. Can It Survive Its Own Restoration?

https://www.smithsonianmag.com/history/yemens-al-qahira-castle-survived-centuries-of-war-and-neglect-can-it-survive-its-own-restoration-180986777/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053

Ancient Sarcophagus Unearthed in Israel Portrays an Epic Drinking Contest Between the God Dionysus and the Mythical Hero Hercules

https://www.smithsonianmag.com/smart-news/ancient-sarcophagus-unearthed-in-israel-portrays-an-epic-drinking-contest-between-the-god-dionysus-and-the-mythical-hero-hercules-180986785/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053

Archaeologists Stumble Onto Sprawling Ancient Roman Villa During Construction of a Road in France

https://www.smithsonianmag.com/smart-news/archaeologists-stumble-onto-sprawling-ancient-roman-villa-during-construction-road-in-france-180986800/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053

Historians Set the Record Straight on This Misidentified 155-Year-Old Shipwreck in Lake Michigan

https://www.smithsonianmag.com/smart-news/historians-set-the-record-straight-on-this-misidentified-155-year-old-shipwreck-in-lake-michigan-180986752/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053

Retiree Uncovers Wooden Artifact 2,000 Years Older Than Stonehenge

https://www.smithsonianmag.com/smart-news/oldest-wood-artifact-in-britain-dates-back-to-neolithic-era-180982323/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=6112025&utm_content=archival&fbclid=IwZXh0bgNhZW0CMTEAAR6nFRm20BpYaRLVki6E5fLtx51wMBQayzQDTWZ3TjYKUeWPIY_ral7q-vRI6Q_aem_202Mn4LgBsF_nCH55vCpQQ&sfnsn=mo

Massive Fields Where Native American Farmers Grew Corn, Beans and Squash 1,000 Years Ago Discovered in Michigan

https://www.smithsonianmag.com/smart-news/massive-field-where-native-american-farmers-grew-corn-beans-and-squash-1000-years-ago-discovered-in-michigan-180986758/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053

Lost civilisation discovered beneath the Indian ocean could ..

<https://timesofindia.indiatimes.com/etimes/trending/lost-civilisation-discovered-beneath-the-indian-ocean-could-be-older-than-the-harrappan-civilisation/articleshow/121395176.cms>

Archaeologists Discover More Than 100 Structures Linked to a Mysterious Pre-Columbian Civilization in the Remote Peruvian Andes

<https://www.smithsonianmag.com/smart-news/archaeologists-discover-more-than-100-structures-linked-to-a-mysterious-pre-hispanic-civilization-in-the-remote-peruvian-andes-180986740/>

3 ancient Maya cities discovered in Guatemala, 1 with an 'astronomical complex' likely used for predicting solstices

<https://www.livescience.com/archaeology/3-ancient-maya-cities-discovered-in-guatemala-1-with-an-astronomical-complex-likely-used-for-predicting-solstices>

A turning point in the Bronze Age: Study reveals diet and social transformation in Central Europe around 1500 BC

<https://phys.org/news/2025-06-bronze-age-reveals-diet-social.html>

Lead isotope analysis debunks legend of Dutch basin made entirely from Spanish treasure fleet silver

<https://phys.org/news/2025-06-isotope-analysis-debunks-legend-dutch.html>

1,500-year-old Byzantine tomb complex discovered under Syrian war ruins

<https://www.independent.co.uk/news/science/archaeology/syria-tomb-complex-byzantine-idlib-b2767020.html>

Ottoman-era burial found in Israel may violate Islamic tradition

<https://www.livescience.com/archaeology/ottoman-era-burial-found-in-israel-may-violate-islamic-tradition>

One Roman soldier had enormous feet, 2,000-year-old waterlogged leather shoe reveals

<https://www.livescience.com/archaeology/romans/one-roman-soldier-had-enormous-feet-2-000-year-old-waterlogged-leather-shoe-reveals>

Archaeologists in Turkey claim Church of the Holy Fathers found under lake

https://www.jpost.com/archaeology/article-857443#google_vignette

Egyptology

Tutankhamun's Iconic Gold Death Mask Is Getting a New Home Near the Pyramids of Giza

https://www.smithsonianmag.com/smart-news/tutankhamuns-iconic-gold-death-mask-is-getting-a-new-home-180986801/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053

General Science

Nothing to report

Physics, Earth and Space Sciences

MUSK THREATENS TO DECOMMISSION DRAGON AMID FEUD WITH TRUMP

<https://spacepolicyonline.com/news/musk-threatens-to-decommission-dragon-amid-feud-with-trump/>

NASA withdraws support for conferences

<https://spacenews.com/nasa-withdraws-support-for-conferences/>

A SECOND LUNAR LANDING FAILURE FOR ISPACE

<https://spacepolicyonline.com/news/a-second-lunar-landing-failure-for-ispac/>

China's asteroid-and-comet hunter probe unfurls a 'solar wing'

https://www.theregister.com/2025/06/09/chinas_asteroidandcomet_hunter_probe_unfurls/

NASA raises the odds that an asteroid could hit the moon in 2032

<https://www.space.com/astronomy/asteroids/nasa-raises-the-odds-that-an-asteroid-could-hit-the-moon-in-2032>

White House drops NASA nominee with Musk ties

<https://abcnews.go.com/US/live-updates/trump-admin-live-updates-trump-extends-deadline-50/?id=122189223>

Proposed NASA radio probe could use gravity 'lumpiness' to reveal the insides of alien worlds

<https://www.space.com/astronomy/exoplanets/proposed-nasa-radio-probe-could-use-gravity-lumpiness-to-reveal-the-insides-of-alien-worlds>

JWST spies frigid alien world on bizarre orbit: 'One of the coldest, oldest and faintest planets that we've imaged to date'

<https://www.space.com/astronomy/exoplanets/jwst-spies-frigid-alien-world-on-bizarre-orbit-one-of-the-coldest-oldest-and-faintest-planets-that-weve-imaged-to-date>

NASA evaluating data indicating air leaks aboard space station have been sealed off

<https://www.cbsnews.com/news/nasa-evaluating-data-indicating-air-leaks-aboard-space-station-have-been-sealed-off/>

Environment, Climate Change and Alternative Energy Sources

'Ticking time bomb': Ocean acidity crosses vital threshold, study finds

<https://thehill.com/policy/equilibrium-sustainability/5340239-ocean-acidity-study-climate-change-carbon/>

Copenhagen is adapting to a warmer world with rain tunnels and 'sponge parks'

<https://www.npr.org/2025/06/13/nx-s1-5340710/copenhagen-climate-change-solutions-flooding>

A map, a myth and a pre-Incan lagoon: the man who brought water back to a drought-ridden town

<https://www.theguardian.com/global-development/2025/jun/13/ecuador-indigenous-map-pre-inca-myths-ancient-lagoon-water-drought->

Biological, Genetics and Medical Sciences

Axolotls May Hold the Key to Regrowing Limbs, and Scientists Are Unraveling Their Secrets to Help Humans Do the Same

https://www.smithsonianmag.com/smart-news/axolotls-may-hold-the-key-to-regrowing-limbs-and-scientists-are-unraveling-their-secrets-to-help-humans-do-the-same-180986781/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053

Breakthrough in search for HIV cure leaves researchers 'overwhelmed'

<https://www.theguardian.com/global-development/2025/jun/05/breakthrough-in-search-for-hiv-cure-leaves-researchers-overwhelmed>

A Large, Invasive Lizard Was Spotted in a California Park

https://www.smithsonianmag.com/smart-news/a-large-invasive-lizard-was-spotted-in-a-california-park-180986763/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053

Dehorning Rhinos Curbs Poaching, New Study Finds

https://www.smithsonianmag.com/smart-news/dehorning-rhinos-curbs-poaching-new-study-finds-180986760/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053

CRISPR-based technology leads to discovery of complex multigenic traits in tomato plants

<https://phys.org/news/2025-06-crispr-based-technology-discovery-complex.html>

How humpback whales are playfully communicating with humans, according to scientists

<https://abcnews.go.com/US/humpback-whales-playfully-communicating-humans-scientists/story?id=122651507>

Two Invasive Termites Are Interbreeding in Florida, Raising Concerns That the Hybrid Pests Could Spread Around the World

https://www.smithsonianmag.com/smart-news/two-invasive-termites-are-interbreeding-in-florida-raising-concerns-that-the-hybrid-pests-could-spread-around-the-world-180986739/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053

Lion kills businessman at luxury safari lodge in Namibia after he stepped out of tent to use toilet

<https://www.cbsnews.com/news/lion-kills-man-luxury-lodge-left-tent-use-toilet-namibia/>

Koalas set to benefit from new genetic screening tool

<https://www.eurekalert.org/news-releases/1087318>

Ancient DNA from Papua New Guinea reveals centuries of genetic isolation

<https://www.livescience.com/archaeology/human-evolution/ancient-dna-from-papua-new-guinea-reveals-centuries-of-genetic-isolation>

Other

Nothing to report

Additional Informational

NASA's disastrous 2026 budget proposal in seven charts

https://www.planetary.org/articles/nasa-2026-budget-proposal-in-charts?utm_campaign=downlink&utm_medium=email&utm_source=20250613&s_src=downlink&s_subsrc=20250613

ESA's new asteroid hunter opens its eye to the sky

https://www.esa.int/Space_Safety/Planetary_Defence/ESA_s_new_asteroid_hunter_opens_its_eye_to_the_sky

Aurelia Institute Newsletter

<https://mailchi.mp/aureliainstitute/ted-talk?e=57e055f9a1>

Solar Orbiter gets world-first views of the Sun's poles

https://www.esa.int/Science_Exploration/Space_Science/Solar_Orbiter/Solar_Orbiter_gets_world-first_views_of_the_Sun_s_poles

Strange radio pulses detected coming from ice in Antarctica

<https://www.psu.edu/news/research/story/strange-radio-pulses-detected-coming-ice-antarctica>

NASA Launching Rockets Into Radio-Disrupting Clouds

<https://science.nasa.gov/science-research/heliophysics/nasa-launching-rockets-into-radio-disrupting-clouds/>