

Weekly Science Report

July 26, 2024

“Right up to the very end, life must be worn gloriously, because until our last moment the future is what we make it.”

Star Trek: Strange New Worlds

Table of Contents

Introduction	2
News Articles.....	3
Paleontology, Evolution and Prehistoric Studies	3
History	5
Archaeology.....	6
Egyptology.....	7
General Science	8
Physics, Earth and Space Sciences	9
Environment, Climate Change and Alternative Energy Sources.....	11
Biological, Genetics and Medical Sciences.....	12
Other	13
Additional Informational	14

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/weeklysciencertp/>
- Twitter: <https://twitter.com/wklysciencertp>

News Articles

Paleontology, Evolution and Prehistoric Studies

New geological dating techniques place first European hominids in Iberian Peninsula 1.3 million years ago

https://phys.org/news/2024-07-geological-dating-techniques-european-hominids.html?fbclid=IwZXh0bgNhZW0CMTEAAR3AxINz8GR65Qq2EpRYrpBfNRRnsAlluGv1NiDyrUkHApNQEMm505QgRQs_aem_nThSZ8ibSDVQFL_y0_rDcw&sfnsn=mo

Human evolution expert awarded CMNH endowed chair for work in studying early tools

https://www.freshwatercleveland.com/breaking-ground/Finestone_Edowed_Chair_071624.aspx?fbclid=IwZXh0bgNhZW0CMTEAAR0zjU3bnovQYh9VIIVHGAlqNiCRoFyMRYh8rYOWXx4mcJoml1ECvG9Zzc_aem_Z0VwlkL_9fwWGoSLYmQ0Bw

Neanderthals and modern humans mingled early and often

https://www.science.org/content/article/neanderthals-and-modern-humans-mingled-early-and-often?utm_campaign=SciMag&utm_source=Facebook&utm_medium=ownedSocial&fbclid=IwZXh0bgNhZW0CMTEAAR3XYq7GIMKI7A_74UzwhrZL7wSL9TILoSm2aQ79Oaadr5VXDw5XsCMNt3o_aem_B-utuynKmwgXQqcMHhOxA

One Ancient Fossil Named Tina May Have Rewritten the Story of Human Evolution

https://www.popularmechanics.com/science/archaeology/a61457640/neanderthal-fossil-discovery-social-care-tina/?utm_campaign=trueanthemFBPOP&utm_medium=social&utm_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR2aqap9nM8ZkMVbi_Oo9s75FW6ggtVvmJMsERj2znCcMmfC2M-ZbEQWZE0_aem_kDtFX4TzufSojG2ZSLpQpw&sfnsn=mo

Stegosaurus 'Apex' sold for nearly \$45 million to a billionaire

https://www.popsci.com/science/stegosaurus-skeleton-sale/?fbclid=IwZXh0bgNhZW0CMTEAAR2f4ml1J8MmKH4n7pT5G6eKx6PSOQVr4CC1PVtK_vZs2xFro38mHyMJYAM_aem_vG49v8fzdgqTijjeKmdksA&sfnsn=mo

Ancient marine animal had inventive past despite being represented by few species, new study finds

<https://phys.org/news/2024-07-ancient-marine-animal-species.html>

Rare fossils reveal secrets of mammal evolution

<https://www.bbc.com/news/articles/c0xj65nelv0o>

Early humans likely prompted the demise of woolly mammoths and other ancient species: Study

<https://abcnews.go.com/US/early-humans-prompted-demise-woolly-mammoths-ancient-species/story?id=112161672>

Taco-shaped arthropod fossils give new insights into the history of the first mandibulates

<https://phys.org/news/2024-07-taco-arthropod-fossils-insights-history.html>

Our last common ancestor lived 4.2 billion years ago—perhaps hundreds of millions of years earlier than thought

https://www.science.org/content/article/our-last-common-ancestor-lived-4-2-billion-years-ago-perhaps-hundreds-millions-years?fbclid=IwZXh0bgNhZW0CMTEAAR3DuLYgXq56AZuKWYRtA_4zajel9iPH6FVjseSHul-vz5yu7V2DG3zuNUA_aem_7teJ7mWJ4wAwlqnvIncBzg&sfnsn=mo

Why did Homo sapiens outlast all other human species?

<https://www.livescience.com/archaeology/why-did-homo-sapiens-outlast-all-other-human-species>

New evidence on ancient human migration through Indonesia to Australia

<https://cosmosmagazine.com/history/archaeology/human-migration-indonesia-australia-tanimbar/>

Research confirms that ancient Tasmania was not a 'wilderness,' but an indigenous cultural landscape

https://phys.org/news/2024-07-ancient-tasmania-wilderness-indigenous-cultural.html#google_vignette

Scientists try to replicate ancient butchering methods to learn how Neanderthals ate birds

<https://phys.org/news/2024-07-scientists-replicate-ancient-butchering-methods.html>

The first farmers often made landscapes more biodiverse – our research could have lessons for rewilding today

<https://theconversation.com/the-first-farmers-often-made-landscapes-more-biodiverse-our-research-could-have-lessons-for-rewilding-today-233272>

History

A World War I veteran is first Tulsa Race Massacre victim identified from mass graves

https://www.wral.com/story/first-victim-of-1921-tulsa-massacre-of-black-community-is-identified-since-graves-found-mayor-says/21522025/?fbclid=IwZXh0bgNhZW0CMTEAAR0DLLdGkcqyiHCrcJu-o0HMTri8otWQfu0V7xnUkL5cv8cnMmZJpeFrdmE_aem_YFz_Eg40q92t_LfUQGIC9Q&sfnsn=mo

Inside "Scattergood," the oldest structure on the CIA's campus

https://www.cbsnews.com/news/inside-scattergood-the-oldest-structure-on-the-cias-campus/?ftag=CNM-00-10aab6a&linkId=504154569&fbclid=IwZXh0bgNhZW0CMTEAAR22vUD9tA21KNJOQqXcfRqBskEo70092xrWFo6lyt4pTbPki878Bw00sE_aem_qoqyLBvnkJgJhuI7-NOXA&sfnsn=mo

Pentagon panel to review Medals of Honor given to soldiers at the Wounded Knee massacre

<https://apnews.com/article/pentagon-medals-soldiers-wounded-knee-7c6a7cfd2b2d9ce6b4ce0d9731439cb4>

Navy exonerates 256 Black sailors unjustly punished over 1944 port explosion

<https://www.npr.org/2024/07/19/nx-s1-5044601/navy-exonerates-256-black-sailors-unjustly-punished-over-1944-port-explosion>

Photos show reclusive tribe on Peru beach searching for food: "A humanitarian disaster in the making"

<https://www.cbsnews.com/news/photos-reclusive-tribe-mashco-piro-peru-beach-searching-for-food/>

Chemical analyses find hidden elements from renaissance astronomer Tycho Brahe's alchemy laboratory

<https://phys.org/news/2024-07-chemical-analyses-hidden-elements-renaissance.html>

Rock art and archaeological record reveal man's complex relationship with Amazonian animals

<https://phys.org/news/2024-07-art-archaeological-reveal-complex-relationship.html>

History's Oldest Roads Shaped Civilizations Since 4000 B.C.

<https://www.discovermagazine.com/the-sciences/historys-oldest-roads-shaped-civilizations-since-4000-b-c>

This Little-Known Civil Rights Activist Refused to Give Up His Bus Seat Four Years Before Rosa Parks Did

<https://www.smithsonianmag.com/history/this-little-known-civil-rights-activist-refused-to-give-up-his-bus-seat-four-years-before-rosa-parks-did-180984742/>

The Brothers Who Asserted Their Right to Free Speech in Tudor England

<https://www.smithsonianmag.com/history/the-brothers-who-asserted-their-right-to-free-speech-in-tudor-england-180984740/>

The Real Story Behind Netflix's 'The Decameron'

<https://www.smithsonianmag.com/history/the-real-story-behind-netflixs-the-decameron-180984739/>

Archaeology

Gravitational Wave Scientists Are Unraveling the Mysteries of the World's Oldest Analog Computer

https://www.smithsonianmag.com/smart-news/gravitational-wave-scientists-are-unraveling-the-mysteries-of-the-worlds-oldest-analog-computer-180984670/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=7142024&utm_content=recent&fbclid=IwZXh0bgNhZW0CMTEAAR1mm-qETXJRZxhskeueU781PHVC4EwnHNLQjK17IZpK3hRMaKdY1f49n2s_aem_x68Xk-XwagVYwYzzNxmnDQ

Researchers Unearth Mysterious Structure Beneath Maya Ball Court

https://www.smithsonianmag.com/smart-news/researchers-have-discovered-a-mysterious-buried-maya-structure-180984718/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=7212024&utm_content=new&fbclid=IwZXh0bgNhZW0CMTEAAR2R9QUj_nM9IQyJOoLqFzLQLgDOuKEPcwD6be7QRgksJjKEK2jpsg9iCzE_aem_MI9IxiW_DW1F98TkBvcuhq&sfnsn=mo

Archaeologists Found a Stunning Ancient Rock That May Reveal a Lost Civilization

https://www.popularmechanics.com/science/archaeology/a61488178/ancient-rock-art-venezuela-new-culture/?utm_campaign=trueanthemFBPOP&utm_medium=social&utm_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR3xaXdXjyRtIEYrguO8N_YtbzJ9aK8N6dM-v0tQ3JMdMz6sPrSd3HR4q-4_aem_erxHZBt9XxN98Sg0CCPGqg

Archaeologists make stunning underwater discovery of ancient mosaic in sea off Italy

https://www.cbsnews.com/news/italy-archaeologists-discover-underwater-ancient-mosaic-baia-bay-sommersa/?ftag=CNM-00-10aab6a&linkId=521797980&fbclid=IwZXh0bgNhZW0CMTEAAR1XcdHnKGU5iSdlGrtnZCsLZWZsVF7_l6byca2XuqXHvHlzm5tG-NYFmNo_aem_chFXJzNjNW7tMJSe6c3ibQ

Ruins of Centuries-Old Palace That Housed Dozens of Popes Discovered in Rome

<https://www.smithsonianmag.com/smart-news/ruins-centuries-old-palace-housed-dozens-popes-discovered-rome-180984774/>

Teotihuacan's 'Pyramid of the Moon' is aligned with the solstice sun, researchers argue

<https://www.livescience.com/archaeology/teotihuacans-pyramid-of-the-moon-is-aligned-with-the-solstice-sun-researchers-argue>

This Wooden Structure Is Almost Half a Million Years Old, and has a Mystery Builder

https://www.discovermagazine.com/the-sciences/this-wooden-structure-is-almost-half-a-million-years-old-and-has-a-mystery?utm_campaign=organicsocial&utm_content=unearthed_on_the_banks_of&utm_medium=social&utm_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR3r7Jf2xLKb4q9eq1TLTq8sq8ciOOI9vfaEIT6hrO-TCasG5pzlLxLbt5k_aem_r7yJd95fveJyA0cNp_L9Qg

Remains of hundreds of 7,000-year-old 'standing stone circles' discovered in Saudi Arabia

https://www.livescience.com/archaeology/remains-of-hundreds-of-7000-year-old-standing-stone-circles-discovered-in-saudi-arabia?utm_campaign=socialflow&utm_source=facebook.com&utm_medium=social&utm_content=livescience&fbclid=IwZXh0bgNhZW0CMTEAAR2NoxHFhixzDNeaFJsED3DlIcoYLNvVWXJjeges4S5Vme9rCfuKqPB3V7ZY_aem_kemvviVA-wwmy5gny1rlbg

Egyptology

Rock carvings of ancient Egyptian pharaohs found underwater near Aswan

https://www.livescience.com/archaeology/ancient-egyptians/rock-carvings-of-ancient-egyptian-pharaohs-found-underwater-near-aswan?utm_content=livescience&utm_campaign=socialflow&utm_source=facebook.com&utm_medium=social&fbclid=IwZXh0bgNhZW0CMTEAAR0wqDTzKW495sZyvfLrd4q3-3DYCRoSfQ9DYj94JTPKOQiQPschUZnpT9w_aem_ebCy41u92WdTrasdWylz2g

ARTIFACTS RECOVERED FROM ANCIENT TOMBS IN NORTHERN EGYPT

<https://archaeology.org/news/2024/07/26/artifacts-recovered-from-ancient-tombs-in-northern-egypt/>

General Science

Nothing to report

Physics, Earth and Space Sciences

'Amazing' new technology set to transform the search for alien life

https://www.theguardian.com/science/article/2024/jul/13/amazing-new-technology-set-to-transform-the-search-for-alien-life?CMP=fb_gu&utm_medium=Social&utm_source=Facebook&fbclid=IwZXh0bgNhZW0CMTEAAR2pqh93Qst29eEjUowHWGS1tmTY7Lu9wmfqlXN7piCPkgukUhOOqpdIXMA_aem_ZgoBjoQ8d_PssHI8DKVvYg&sfnsn=mo#Echobox=1720872449

Telescope tag-team discovers 10 strange and exotic pulsars

https://phys.org/news/2024-07-telescope-tag-team-strange-exotic.html?fbclid=IwZXh0bgNhZW0CMTEAAR14cu7v2aO-MnOK1uuFKv16QoqTZ7U0icke2Eto7s85hN0wCCjnwTVsN_0_aem_43-rL77j2H60nsStwXNlvA

NASA transmits hip-hop song to deep space for first time

https://phys.org/news/2024-07-nasa-transmits-hip-song-deep.html?fbclid=IwZXh0bgNhZW0CMTEAAR2DkUMw1thLlFb3c7KLjhTZu6W84lq_VvSFDqdw_mRankoDqjM-ihUQiOQ_aem_zcCDu4CIIGLUe711lrZkg

'Dark oxygen' on ocean floor may rewrite Earth's origins of life

https://www.popsoci.com/science/dark-oxygen-ocean/?fbclid=IwZXh0bgNhZW0CMTEAAR3I9PL8-fXU_GvYZba4U9VnIb4b24inaaFsmGiyNOaQD442MIA6-fU-B0_aem_Vz65thB1uzpmb71E2ZIFgg

Mercury has a layer of diamond 10 miles thick, NASA spacecraft finds

https://www.space.com/mercury-diamond-layer-10-miles-thick-nasa-messenger?utm_content=space.com&utm_source=facebook.com&utm_campaign=socialflow&utm_medium=social&fbclid=IwZXh0bgNhZW0CMTEAAR0C1-VqS3b15sDTooQxUtzYohuY2OJdN84MZE4zVr2f3bi69zhRrsQBYnl_aem_PoiBPiX9iJ7FxLwwg_kWQiw

Andes region formed in 4 stages over the last 24 million years, new modeling study suggests

<https://www.livescience.com/planet-earth/geology/andes-plateau-region-formed-in-4-stages-over-the-last-24-million-years-new-modeling-study-suggests>

SpaceX Starlink satellites made 50,000 collision-avoidance maneuvers in the past 6 months.

What does that mean for space safety?

<https://www.space.com/spacex-starlink-50000-collision-avoidance-maneuvers-space-safety>

Drug expiration dates a problem for any mission to Mars

https://www.upi.com/Health_News/2024/07/23/drug-expiration-dates-astronauts-mission-Mars/9391721740302/

Chinese astronauts simulate a debris-strike emergency on the Tiangong space station (video)

<https://www.space.com/chinese-astronauts-simulate-debris-strike-tiangong-space-station>

Physicists may now have a way to make element 120 – the heaviest ever

<https://www.newscientist.com/article/2440445-physicists-may-now-have-a-way-to-make-element-120-the-heaviest-ever/>

Space is becoming an 'unsustainable environment in the long term,' ESA says

<https://www.space.com/european-space-agency-space-environment-report>

AI 'deepfake' faces detected using astronomy methods

<https://www.nature.com/articles/d41586-024-02364-y>

Creation of a deep learning algorithm to detect unexpected gravitational wave events
<https://phys.org/news/2024-07-creation-deep-algorithm-unexpected-gravitational.html>

Unidentified object spotted moving across the Moon
<https://www.fox7austin.com/news/unidentified-object-spotted-moving-across-moon>

NASA cancels \$450 million VIPER moon rover due to budget concerns
<https://www.space.com/nasa-cancels-viper-moon-rover-budget>

NASA's massive moon booster arrives at Kennedy Space Center
<https://phys.org/news/2024-07-nasa-massive-moon-booster-kennedy.html>

How China's Chang'e 6 mission snagged the first samples of the Moon's farside
<https://www.astronomy.com/space-exploration/how-chinas-change-6-mission-snagged-the-first-samples-of-the-moons-farside/>

Astronomers detect rare, huge 'super-Jupiter' planet with James Webb telescope
<https://www.usatoday.com/story/news/nation/2024/07/24/super-jupiter-planet-james-webb-telescope/74510791007/>

No, NASA hasn't found life on Mars yet, but the latest discovery is intriguing
<https://arstechnica.com/space/2024/07/no-nasa-hasnt-found-life-on-mars-yet-but-the-latest-discovery-is-intriguing/>

Boeing, NASA may have found 'root cause' of Starliner spacecraft's issues, but astronauts are still in limbo
<https://www.cnn.com/2024/07/25/science/boeing-starliner-issues-root-cause-testing-nasa/index.html>

Space Telescope Begins To Reveal the Secrets of Exoplanet Atmospheres
<https://www.discovermagazine.com/the-sciences/space-telescope-begins-to-reveal-the-secrets-of-exoplanet-atmospheres>

A cave discovered on the moon opens up new opportunities for settlement by humans
<https://phys.org/news/2024-07-cave-moon-opportunities-settlement-humans.html>

Spacecraft to swing by Earth, moon on path to Jupiter
https://phys.org/news/2024-07-spacecraft-earth-moon-path-jupiter.html#google_vignette

Study sheds more light on the nature of pulsar PSR J1227-6208
<https://phys.org/news/2024-07-nature-pulsar-psr-j12276208.html>

Kepler's 1607 pioneering sunspot sketches solve solar mysteries 400 years later
<https://phys.org/news/2024-07-kepler-sunspot-solar-mysteries-years.html>

Environment, Climate Change and Alternative Energy Sources

World's first hydrogen-powered commercial ferry to run on San Francisco Bay, and it's free to ride
https://www.erienewsnow.com/story/51033725/worlds-first-hydrogen-powered-commercial-ferry-to-run-on-san-francisco-bay-and-its-free-to-ride?utm_source=dlvr.it&utm_medium=facebook

Yosemite Park officials scold visitors about dirty habit that's 'all too familiar'
<https://www.usatoday.com/story/news/nation/2024/07/11/yosemite-park-service-toilet-paper-scold-social-post/74374435007/>

Climate model suggests extreme El Niño tipping point could be reached if global warming continues
https://phys.org/news/2024-07-climate-extreme-el-nio-global.html#google_vignette

Compact atmospheric water harvesting device can produce water out of thin air
<https://techxplore.com/news/2024-07-compact-atmospheric-harvesting-device-thin.html>

Study explores win-win potential of grass-powered energy production
https://techxplore.com/news/2024-07-explores-winwin-potential-grass-powered.html?fbclid=IwZXh0bgNhZW0CMTEAAR2b1BN5j0_XEEPIj9knWg9M7MxG69h00HX04RsUGbsixOmZtQKTpg2J6eA_aem_rKNa0VLOa6qjq03yWzqEIQ&sfnsn=mo

Scientists are trying to plant a billion oysters in New York City waters
<https://www.npr.org/2024/07/22/nx-s1-5043736-e1/scientists-are-trying-to-plant-a-billion-oysters-in-new-york-city-waters?ft=nprml&f=1001>

Inside the Fight to Save the Indiana Dunes, One of America's Most Vulnerable National Parks
<https://www.smithsonianmag.com/history/inside-the-fight-to-save-the-indiana-dunes-one-americas-most-vulnerable-national-parks-180984756/>

New process uses light and enzymes to create greener chemicals
<https://phys.org/news/2024-07-enzymes-greener-chemicals.html>

Biological, Genetics and Medical Sciences

Creature that washed up on New Zealand beach may be world's rarest whale — a spade-toothed whale

<https://www.cbsnews.com/news/creature-that-washed-up-on-new-zealand-beach-may-be-worlds-rarest-whale-a-spade-toothed-whale/?ftag=CNM-00-10aab6a&linkId=505982044&fbclid=IwZXh0bgNhZW0CMTEAAR24xgBpLjugUd2BnGYuAZxVVr mJf9XxcEEvEN-0wF-ZDWnww9eyB8K sw aem sZBlmF3feW5E0LnGkkhyNQ&sfnsn=mo>

Expedition finds a 10-inch long millipede lost to science for 126 years

<https://www.popsoci.com/science/lost-species-madagascar/>

A 7th person with HIV is probably cured after stem cell transplant for leukemia, scientists say

<https://www.nbcnews.com/health/health-news/7th-person-hiv-cured-stem-cell-transplant-leukemia-scientists-say-rcna161897>

Experts say a twice-yearly injection that offers 100% protection against HIV is 'stunning'

<https://apnews.com/article/africa-aids-hiv-infection-prevention-shot-sunlenca-a94b83717f5b61987822335e11398428>

Study addresses a long-standing diversity bias in human genetics

https://medicalxpress.com/news/2024-07-diversity-bias-human-genetics.html?fbclid=IwZXh0bgNhZW0CMTEAAR3yZ8Jr6j6UOK8qFglrjCHIYYIKIf-CJUZO_S0X9qxqzlkW3odEHhoVXfs_aem_W8KO-Ella-ANvgOJx7qEyQ&sfnsn=mo

Other

Nothing To report

Additional Informational

NOAA's GOES-U launches to orbit

<https://www.climate.gov/news-features/feed/noaas-goes-u-launches-orbit>

Conservation Planning Curriculum for Native American Ranchers: Workbook

<https://www.firstnations.org/publications/conservation-planning-workbook/>

Giving Staying Power to Solar Power

<https://www.firstnations.org/stories/giving-staying-power-to-solar-power/>

The Book of Compassion

https://www.penguin.co.in/book/the-book-of-compassion/?fbclid=IwZXh0bgNhZW0CMTEAAR0MITXGahx0LtZmXDf4oePSSY2-1g8C6dSKCsKH4mW0JC_H-UZrkmctfHM_aem_TTiWXvsbqlzxsxQERwMyP1w

John Fiandaca, one of the original "Monuments Men," dies at 97

https://uscsb.org/john-fiandaca-dies-at-97/?fbclid=IwZXh0bgNhZW0CMTEAAR3d00J9BSRxxzth6Qyj5o8NHcsJEyYtP3QjL-1by_52UgG4fDqQ1b06wd98_aem_7g9ckNG7NRomOza6QM8GA

Biden-Harris Administration Establishes Blackwell School National Historic Site as America's Newest National Park

<https://content.govdelivery.com/accounts/USDOJ/bulletins/3a902c6>

County, Native Americans work together to create 'cultural tourism'

https://www.naco.org/news/county-native-americans-work-together-create-cultural-tourism?fbclid=IwZXh0bgNhZW0CMTEAAR0_fmA6JhvNZu3Cs6QljFPdwxmQ18rZaYHOszKVsk7_pIIpFVsZuQ4AtDw_aem_EwyVOX4nuzJdezDQrGMHDA&sfnsn=mo

Thirty Years After Rwanda's Genocide: Where the Country Stands Today

https://www.cfr.org/in-brief/thirty-years-after-rwandas-genocide-where-country-stands-today?utm_medium=social_owned&utm_source=tw

Biden-Harris Administration Advances Clean Energy Projects on Western Public Lands with Potential to Power Nearly 2 Million Homes

<https://content.govdelivery.com/accounts/USDOJ/bulletins/3aac12c>

Secure World Foundation Newsletter

<https://mailchi.mp/swfound.org/october-2023-newsletter-1807412?e=1278109aa1>

Evidence of a hydrated mineral enriched in water and ammonium molecules in the Chang'e-5 lunar sample

<https://www.nature.com/articles/s41550-024-02306-8>

Asteroids Beyond Newsletter

<https://mailchi.mp/b612foundation/asteroids-beyond-b612-newsletter-vol-785028?e=14ee0a90a4>

ESA Space Environment Report 2024

https://www.esa.int/Space_Safety/Space_Debris/ESA_Space_Environment_Report_2024

NASA Streams First 4K Video from Aircraft to Space Station, Back

<https://www.nasa.gov/centers-and-facilities/glenn/nasa-streams-first-4k-video-from-aircraft-to-space-station-back/>

Interior Department Celebrates Selection of Pennsylvania's Historic Moravian Bethlehem District to UNESCO World Heritage List

<https://content.govdelivery.com/accounts/USDOJ/bulletins/3aaf679>

Challenges facing the human exploration of Mars

https://www.planetary.org/articles/challenges-facing-the-human-exploration-of-mars?autologin=true&utm_campaign=downlink&utm_medium=email&utm_source=20240719&src=downlink&s_subsrc=20240719

PRESERVING OUR PAST: A REVIEW OF MODERN TECHNOLOGIES FOR REMOTE SITE MONITORING TO PREVENT LOOTING

<https://www.anchise.eu/post/preserving-our-past-a-review-of-modern-technologies-for-remote-site-monitoring-to-prevent-looting>

ICCROM Newsletter

<https://mailchi.mp/iccrom/first-iccrom-newsletter-april-12697604?e=0595e45bcd>

Nadia's Initiative, "Mother and Justice" – A Mobile Memorial

<https://www.nadiasinitiative.org/mother-and-justice>

ProCultHer-Net Technical Bulletin

https://www.montesca.eu/proculther-net/PROCULTHER_NET_TECHNICAL_BULLETTIN_N3.pdf

Biden-Harris Administration Establishes Blackwell School National Historic Site as America's Newest National Park

<https://www.doi.gov/pressreleases/biden-harris-administration-establishes-blackwell-school-national-historic-site>

Genetics reveal ancient trade routes of Four Corners potato

<https://attheu.utah.edu/facultystaff/genetics-reveal-ancient-trade-routes-of-four-corners-potato/>

Ancient DNA analyses imply brucellosis evolved with development of farming

https://www.tcd.ie/news_events/top-stories/featured/ancient-dna-analyses-imply-brucellosis-evolved-with-development-of-farming/