

Weekly Science Report

December 6, 2024

“Be careful when you fight the monsters, lest you become one.”

Friedrich Nietzsche

Table of Contents

Introduction	2
News Articles	3
Paleontology, Evolution and Prehistoric Studies	3
History	5
Archaeology.....	7
Egyptology.....	8
General Science	9
Physics, Earth and Space Sciences	10
Environment, Climate Change and Alternative Energy Sources.....	12
Biological, Genetics and Medical Sciences	13
Other	15
Additional Informational	16

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

Fossil collection found in Neanderthal cave suggests abstract thinking

https://phys.org/news/2024-11-fossil-neanderthal-cave-abstract.html?fbclid=IwY2xjawGqx4tleHRuA2FibQIxMQABHVKW-j_oqkKX8vORVW1TKUt5fDMQwcbAvSmdzRSIC8YjasW2bgeB3lZ36w_aem_aDKgqqr9Uf3OPi-FsVBFcw

Ankylosaurid dinosaur, unearthed in China in 1986, identified as a new species

https://phys.org/news/2024-11-ankylosaurid-dinosaur-unearthed-china-species.html?fbclid=IwY2xjawGq1c5leHRuA2FibQIxMQABHd50bKuPS3nKfnBa_cFjXaTd42xS2l_w65xkDSqalRNZDjqXdrqjY854jAA_aem_aZgLeRQfPh5nx61deRQjDw

Ancient DNA sheds light on adaptation of early Europeans at the dawn of the agricultural revolution

<https://phys.org/news/2024-11-ancient-dna-early-europeans-dawn.html>

Ancient human ancestor Lucy was not alone — she lived alongside at least 4 other proto-human species, emerging research suggests

<https://www.livescience.com/archaeology/ancient-human-ancestor-lucy-was-not-alone-she-lived-alongside-at-least-4-other-proto-human-species-emerging-research-suggests>

New, big-headed archaic humans discovered: Who is Homo juluensis?

<https://www.livescience.com/archaeology/new-big-headed-archaic-humans-discovered-who-is-homo-juluensis>

Neanderthals were making hand stencil rock art more than 66,000 years ago, U-series dating suggests

https://phys.org/news/2024-12-neanderthals-stencil-art-years-series.html?fbclid=IwY2xjawG9WIBleHRuA2FibQIxMQABHZNKII5j44MRfxDv6rlTgGWozdl4JyH_wFUD_Ai1OPY91jqLd_33h7X1uvA_aem_vGH6KAOZPRcooekU-RPnAg

The Secret to the Rise of Dinosaurs Could Be Hidden in an Unlikely Place: Their Poop

https://www.smithsonianmag.com/smart-news/the-secret-to-the-rise-of-dinosaurs-could-be-hidden-in-an-unlikely-place-their-poop-180985562/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailInglID=50486392&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2824023888&spReportId=MjgyNDYyMzg4OAS2

Fossilized footprints reveal 2 extinct hominin species living side by side 1.5 million years ago

<https://theconversation.com/fossilized-footprints-reveal-2-extinct-hominin-species-living-side-by-side-1-5-million-years-ago-244624>

Archaeologists discover key tool that helped early Americans survive the ice age

https://www.cnn.com/2024/12/04/science/ancient-needles-discovery-wyoming/index.html?Date=20241204&Profile=CNN&utm_content=1733353260&utm_medium=social&utm_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR3CP6P8WnvwU7f5P1ANjyKWUy8SLMaJGT4OKmxEP977ky7e8DDEYQEwQE_aem_AFgk-FKY2TeorRFXV0_nTQ&sfnsn=mo

A Little Boy Found a Strange Stone on the Beach. Archaeologists Told Him It Was a Neanderthal's Hand Ax

https://www.smithsonianmag.com/smart-news/a-little-boy-found-a-strange-stone-on-the-beach-archaeologists-told-him-it-was-a-neanderthals-hand-ax-180985578/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailID=50494677&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2824251781&spReportId=MjgyNDI1MTc4MQS2

Case study suggests expanded opportunities drew people to mega settlements and spurred innovation 6,000 years ago

https://phys.org/news/2024-11-case-opportunities-drew-people-mega.html?fbclid=IwZXh0bgNhZW0CMTEAAR3GdptcRdVPz66mdK7ROFIRz33e549kE6eQ848EgLRmShwZXTq6KNBrQ1c_aem_VkD9pyb8kHWAYR50iyeNbw&sfnsn=mo

Early Americans ate tons of mammoth, 13,000-year-old bones from Clovis culture baby reveal

<https://www.livescience.com/archaeology/early-americans-ate-tons-of-mammoth-13-000-year-old-bones-from-clovis-culture-baby-reveal>

Meta-analysis of hunter-gatherer societies shows remarkable physical abilities of both genders

https://phys.org/news/2024-12-meta-analysis-huntergatherer-societies-remarkable.html#google_vignette

History

In France, a family reckons with World War II Allies' legacy of rape and murder

<https://www.npr.org/2024/11/16/nx-s1-5107906/france-dday-wwii-military-rape-murder>

Oldest known alphabet unearthed in ancient Syrian city

https://phys.org/news/2024-11-oldest-alphabet-unearthed-ancient-syrian.html?fbclid=IwZXh0bgNhZW0CMTEAAR1x3G7N8-fxAPg-8eR1L73HCmojQzp5Yk5plzpjBXFHwWVUgRK7frUhsg_aem_jW6j-1ACD75IX6P8Go2buw&sfnsn=mo

'As darkness fell, blazing hangars lit up the sky': How the fall of Pyongyang brought the world to the brink of crisis

<https://www.bbc.com/culture/article/20241128-how-the-fall-of-pyongyang-brought-the-world-to-the-brink-of-crisis>

The Public Is Watching as Conservators Carefully Restore a Rembrandt Masterpiece to Its Former Glory

https://www.smithsonianmag.com/smart-news/the-public-is-watching-as-conservators-carefully-restore-a-rembrandt-masterpiece-to-its-former-glory-180985534/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailingID=50494677&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2824251781&spReportId=MjgyNDI1MTc4MQS2

How 'Blackbirders' Forced Tens of Thousands of Pacific Islanders Into Slavery After the Civil War

https://www.smithsonianmag.com/history/how-blackbirders-forced-tens-of-thousands-of-pacific-islanders-into-slavery-after-the-civil-war-180985567/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailingID=50494677&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2824251781&spReportId=MjgyNDI1MTc4MQS2

Experts believe study of 700-year-old handwriting unveils leading Byzantine painter's true identity

https://apnews.com/article/greece-mount-athos-painting-icons-panselinos-handwriting-41d3f79f7661f7ce684a3dee9deab0c9?utm_campaign=TrueAnthem&utm_medium=AP&utm_source=Facebook&fbclid=IwY2xjawG-IBlleHRuA2FibQIxMQABHYMBZ2hkOcEqdde4SpWmeBxDC7nmfj_otrAMpm4qTVkztE7td7VHiUP7g_aem_7RI6KCYc5wcn7uaurR6-ig

Zitkala-Ša, Native American Rights Activist, Honored on New Quarter

https://www.smithsonianmag.com/blogs/smithsonian-american-womens-history-museum/2024/10/30/zitkala-sa-native-american-citizenship-and-rights-activist-honored-on-new-quarter/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailingID=50490714&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2824150932&spReportId=MjgyNDI1MDkzMgS2

Native Americans fight to bring 128,000 ancestors home from US museums, universities

<https://abc7.com/native-americans-fight-bring-128000-ancestors-home-us-museums-universities/15591431/>

How Indigenous engineers are using AI to preserve their culture

<https://www.nbcnews.com/tech/innovation/indigenous-engineers-are-using-ai-preserve-culture-rcna176012>

America's first major immigration crackdown and the making and breaking of the West

<https://www.npr.org/sections/planet-money/2024/11/19/g-s1-34449/americas-first-major-immigration-crackdown-and-the-making-and-breaking-of-the-west>

Advocates fear national book ban under unified GOP government

<https://thehill.com/homenews/education/5003292-national-book-ban-gop-government-censorship/>

Sudan's national treasures have been stolen – we spoke with the director of museums

<https://theconversation.com/sudans-national-treasures-have-been-stolen-we-spoke-with-the-director-of-museums-243825>

Bad weather led Dutch East India Company ship into Western Australian coast, archaeologists find

<https://phys.org/news/2024-12-bad-weather-dutch-east-india.html>

Genetic Origins of North American Corn Varieties Revealed

<https://archaeology.org/news/2024/12/09/genetic-origins-of-north-american-corn-varieties-revealed/>

How a Tale of Demonic Possession Predicted the Decline of an Early Medieval Empire

<https://www.smithsonianmag.com/history/how-a-tale-of-demonic-possession-predicted-the-decline-of-an-early-medieval-empire-180985596/>

Archaeology

St. Louis was once known as Mound City for its many Native American mounds. Just one remains

https://apnews.com/article/st-louis-osage-native-american-sugarloaf-mound-9633a56751b73554402cec0643cf0252?utm_campaign=TrueAnthem&utm_medium=AP&utm_source=Facebook&fbclid=IwY2xjawGspclleHRuA2FibQlxMQABHXyTuDrStqwtmvzRiXmjxr21O_LQBs7Hh3wlv2qdJOtw7sqWX8OxTzmLhQ_aem_EC5tVQ4-YEBVg47oWIDfcg

Archaeologists discover 4,000-year-old canals used to fish by predecessors of ancient Maya

<https://apnews.com/article/maya-fish-canal-civilization-pyramids-ebec21901049b634ab910d8190cf89ef>

Top German Archaeologist Accused of Faking Prehistoric Discoveries

https://news.artnet.com/art-world/archaeologist-axel-von-berg-accused-fake-discoveries-2581741?fbclid=IwY2xjawHAK_hleHRuA2FibQlxMQABHRd4hUQU8WUi9S7A0yjh4Ji_8_4T4BbMsLvx9pvZ2dkb3FNJSDpxef4kFw_aem_TqF5YtKjKwsFmy7NtStZnQ

A Mysterious Shipwreck Rests Just 20 Feet Below the Surface. It May Be Connected to Vasco da Gama's Final Voyage

https://www.smithsonianmag.com/smart-news/a-mysterious-shipwreck-rests-just-20-feet-below-the-surface-it-may-be-connected-to-vasco-da-gamas-final-voyage-180985563/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailngID=50486392&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2824023888&spReportId=MjgyNDYyMzQ5ODU5NjUxOAS2

Archaeologist Discovers Two Neolithic Stone Circles in England, Supporting a 'Sacred Arc' Theory

https://www.smithsonianmag.com/smart-news/archaeologists-discover-two-more-stone-circles-that-support-englands-sacred-arc-theory-180985526/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailngID=50490714&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2824150932&spReportId=MjgyNDYyMzQ5ODU5NjUxOAS2

Secrets of Abandoned 2,700-Year-Old City Revealed by New Discovery

<https://www.newsweek.com/secrets-abandoned-2700-year-old-city-revealed-new-discovery-1997599>

Tomb of Chinese emperor Liu He gives up Han dynasty battle secrets with armour find

<https://www.scmp.com/news/china/science/article/3289874/tomb-chinese-emperor-liu-he-gives-han-dynasty-battle-secrets-armour-find>

Neolithic Archery Equipment Found in Spanish Cave

<https://archaeology.org/news/2024/12/10/neolithic-archery-equipment-found-in-spanish-cave/>

Egyptology

Hidden Entrance to a Mysterious Ancient Temple Found Tucked Away in an Egyptian Cliff Face

https://www.smithsonianmag.com/smart-news/hidden-entrance-to-a-mysterious-ancient-temple-found-tucked-away-in-an-egyptian-cliff-face-180985580/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailID=50490714&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2824150932&spReportId=MjgyNDE1MDkzMgS2

General Science

The US Army's Vision of Soldiers in Exoskeletons Lives On

https://www.wired.com/story/the-us-armys-vision-of-an-exoskeleton-future-lives-on/?utm_source=nl&utm_brand=wired&utm_mailing=WIR_Daily_112924&utm_campaign=aud-dev&utm_medium=email&utm_content=WIR_Daily_112924&bxid=5bd6790424c17c1048020acb&cndid=41291302&hasa=3ed15b3d4270f52ce4da5de4e5031836&hashc=74eb9308055fd2296514323600108b997526be68a69044cf3fc1e2fbb0496447&esrc=twitter-newsletter-c&utm_term=WIR_Daily_Active

Physics, Earth and Space Sciences

Simulations reveal black holes inherit magnetic fields from parent stars

[https://phys.org/news/2024-11-simulations-reveal-black-holes-
inherit.html?fbclid=IwY2xjawGoYTJleHRuA2FibQIxMQABHf6PaydNh4ae60_9CPIGVZISFQ1tIJu6v_Twknj18goVxgixnk_IAla_MA_aem_YUCaVMydldcAg6IUqWIIQIQ](https://phys.org/news/2024-11-simulations-reveal-black-holes-inherit.html?fbclid=IwY2xjawGoYTJleHRuA2FibQIxMQABHf6PaydNh4ae60_9CPIGVZISFQ1tIJu6v_Twknj18goVxgixnk_IAla_MA_aem_YUCaVMydldcAg6IUqWIIQIQ)

Young planet discovery could provide new insight into planet formation

[https://phys.org/news/2024-11-young-planet-discovery-insight-
formation.html?fbclid=IwY2xjawGrFAxleHRuA2FibQIxMQABHRNlxN411QQwtAl1Nhzm11kloT_1q2w8eaSIGNg4XKNMyZcfComvZJdzsg_aem_ED32JOigG2aHWagrhixrQ](https://phys.org/news/2024-11-young-planet-discovery-insight-formation.html?fbclid=IwY2xjawGrFAxleHRuA2FibQIxMQABHRNlxN411QQwtAl1Nhzm11kloT_1q2w8eaSIGNg4XKNMyZcfComvZJdzsg_aem_ED32JOigG2aHWagrhixrQ)

Will astronauts need to be rescued from the moon? NASA wants to be prepared just in case

[https://www.space.com/space-exploration/artemis/will-astronauts-need-to-be-rescued-from-the-
moon-nasa-wants-to-be-prepared-just-in-case](https://www.space.com/space-exploration/artemis/will-astronauts-need-to-be-rescued-from-the-moon-nasa-wants-to-be-prepared-just-in-case)

As NASA increasingly relies on commercial space, there are some troubling signs

[https://arstechnica.com/space/2024/11/as-nasa-increasingly-relies-on-commercial-space-there-
are-some-troubling-signs/](https://arstechnica.com/space/2024/11/as-nasa-increasingly-relies-on-commercial-space-there-are-some-troubling-signs/)

Solar Orbiter spacecraft captures sharpest views yet of sun's surface

[https://www.space.com/the-universe/sun/solar-orbiter-spacecraft-captures-sharpest-views-yet-of-
suns-surface-images](https://www.space.com/the-universe/sun/solar-orbiter-spacecraft-captures-sharpest-views-yet-of-suns-surface-images)

Grad student discovers planet orbiting around nearby star, astronomers say

[https://abcnews.go.com/Technology/grad-study-discovers-planet-orbiting-nearby-star-
astronomers/story?id=116006890](https://abcnews.go.com/Technology/grad-study-discovers-planet-orbiting-nearby-star-astronomers/story?id=116006890)

SpaceX launches 24 Starlink satellites from Florida, its 7th liftoff in a week

[https://www.space.com/space-exploration/launches-spacecraft/spacex-launching-24-starlink-
satellites-from-florida-today](https://www.space.com/space-exploration/launches-spacecraft/spacex-launching-24-starlink-satellites-from-florida-today)

Star imaged in detail outside the Milky Way for the 1st time

<https://www.space.com/star-outside-milky-way-wohg64>

The International Space Station adjusts its orbit to avoid space debris

<https://www.npr.org/2024/11/20/nx-s1-5196986/iss-dodge-debris>

Colorado company is building its own WALL-E as it reimagines trash disposal, recycling in outer space

[https://www.kunc.org/news/2024-11-12/colorado-company-is-building-its-own-wall-e-as-it-
reimagines-trash-disposal-recycling-in-outer-space](https://www.kunc.org/news/2024-11-12/colorado-company-is-building-its-own-wall-e-as-it-reimagines-trash-disposal-recycling-in-outer-space)

Humanoid robot may fly on China's Chang'e 8 moon mission in 2028

[https://www.space.com/the-universe/moon/humanoid-robot-may-fly-on-chinas-change-8-moon-
mission-in-2028](https://www.space.com/the-universe/moon/humanoid-robot-may-fly-on-chinas-change-8-moon-mission-in-2028)

NASA and Roscosmos disagree on cause and severity of ISS air leak

<https://spacenews.com/nasa-and-roskosmos-disagree-on-cause-and-severity-of-iss-air-leak/>

We're entering the era of private space stations

[https://www.astronomy.com/space-exploration/were-entering-the-era-of-private-space-
stations/?fbclid=IwZXh0bgNhZW0CMTEAAR3DEyc2tOy1IjRW7wNvl6AIEWqpltQXInxI5tFF-
Eijkf5N5D3HCQJI7kMI_aem_ZK0Qbd2VdQhFPq6iXrxU9A&sfnsn=mo](https://www.astronomy.com/space-exploration/were-entering-the-era-of-private-space-stations/?fbclid=IwZXh0bgNhZW0CMTEAAR3DEyc2tOy1IjRW7wNvl6AIEWqpltQXInxI5tFF-Eijkf5N5D3HCQJI7kMI_aem_ZK0Qbd2VdQhFPq6iXrxU9A&sfnsn=mo)

Massive asteroid impacts did not change Earth's climate in the long term, research finds
https://phys.org/news/2024-12-massive-asteroid-impacts-earth-climate.html?fbclid=IwY2xjawG9WuNleHRuA2FibQIxMQABHT_Su3dpbZ5utat7fbDbLxTdD6XMs aCZIO-GoZNul9wcPw542EpJxYZXGw_aem_Yh0E74mHEMUvclwHlj-gxQ

Boeing whistleblower sounds alarm over safety at satellite factory: "They're not gonna listen to me until somebody dies"
<https://www.cbsnews.com/news/boeing-whistleblower-sounds-alarm-over-safety-at-satellite-factory/>

European satellites launched to create artificial solar eclipses in a tech demo
https://apnews.com/article/artificial-solar-eclipses-esa-india-a3471636570ea80c13997afd80893f18?utm_campaign=TrueAnthem&utm_medium=AP&utm_source=Facebook&fbclid=IwY2xjawG-i-FileHRuA2FibQIxMQABHYkNrPO0vERBjwEMoAUk1FCzSxNg28ES6sLqKTPQuFefJnVwTET3m0msug_aem_qM9DzHTCD76P1uT2IJ5Axw

Billionaire who performed the first private spacewalk is Trump's pick to lead NASA
<https://apnews.com/article/jared-isaacman-nasa-administrator-elon-musk-fb4662fac78ed7cecc25e4cdfb6ae46e>

Did Venus Have Oceans? This Surprising New Study Suggests Not, a Theory That Could Upend the Search for Extraterrestrial Life
https://www.smithsonianmag.com/smart-news/did-venus-have-oceans-surprising-new-study-suggests-not-theory-could-upend-180985579/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailingID=50494677&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2824251781&spReportId=MjgyNDI1MTc4MQS2

Ryugu asteroid sample rapidly colonized by terrestrial life despite strict contamination control
https://phys.org/news/2024-11-ryugu-asteroid-sample-rapidly-colonized.html#google_vignette

Earth's mini-moon has finally departed. Will it ever return as a 'second moon?'
<https://www.space.com/goodnight-second-moon-asteroid-2024PT5>

Astronomers take the first close-up picture of a star outside our galaxy
<https://www.eurekalert.org/news-releases/1065418>

Environment, Climate Change and Alternative Energy Sources

Inexpensive catalyst recycles methane emissions at room temperature

https://phys.org/news/2024-11-inexpensive-catalyst-recycles-methane-emissions.html?fbclid=IwY2xjawGsHvRIeHRuA2FlbQIxMQABHQV0BH21QnxBgaEtRap4jtZFF56Q8yEH9ils6aBsMuNa_Z3jorMz3zJgSA_aem_-G39xighuerGBXaVfg-a_Q

'A harbinger of what's to come:' NASA satellites show massive drop in global freshwater levels

<https://www.livescience.com/planet-earth/rivers-oceans/a-harbinger-of-whats-to-come-nasa-satellites-show-massive-drop-in-global-freshwater-levels>

Financial and community hurdles slow geothermal energy development in Southeast Asia

<https://apnews.com/article/geothermal-energy-indonesia-philippines-climate-finance-6de912a0a2911f3cb96a875aac3c6c95>

Eating Seaweed Could Make Cows Less Gassy, Slashing Methane Emissions From Grazing by Nearly 40 Percent

https://www.smithsonianmag.com/smart-news/eating-seaweed-could-make-cows-less-gassy-slashing-methane-emissions-from-grazing-by-nearly-40-percent-180985575/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailInglID=50486392&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2824023888&spReportId=MjgyNDYmZg4OAS2

As Greenland's Ice Sheet Melts, an Island Town Rises

https://www.smithsonianmag.com/science-nature/as-greenlands-ice-sheet-melts-an-island-town-rises-180985514/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&spMailInglID=50486392&spUserID=MTczNzQ5ODU5NjUxOAS2&spJobID=2824023888&spReportId=MjgyNDYmZg4OAS2

Mathematicians make leap in modeling human impact on climate

<https://phys.org/news/2024-12-mathematicians-human-impact-climate.html>

Biological, Genetics and Medical Sciences

Georgia Dismissed All Members of Maternal Mortality Committee After ProPublica Obtained Internal Details of Two Deaths

https://www.propublica.org/article/georgia-dismisses-maternal-mortality-committee-amber-thurman-candi-miller?utm_source=bluesky&utm_medium=social&utm_campaign=propublica-bsky

A new device for delivering drugs without needles draws inspiration from the elegant squid

https://www.statnews.com/2024/11/20/alternative-to-needle-shots-found-in-squids-cuttlefish-says-study-published-nature/?utm_content=buffer10c46&utm_medium=social&utm_source=bluesky&utm_campaign=bluesky_organic

Scientists use acoustic data to track blue and fin whale occurrences in the Arctic

https://phys.org/news/2024-11-scientists-acoustic-track-blue-fin.html?fbclid=IwY2xjawG0PwNleHRuA2FibQIxMQABHZIsnXburTBggdH0YrUltN_YDehWJwGv_nGVGq3JRCNY27FGKZkVK31u53A_aem_nPYK7cvoV1x8bmXAOENAFa#google_vignette

Tree islands 'restore biodiversity' in oil palm farms

https://www.scidev.net/global/news/tree-islands-restore-biodiversity-in-oil-palm-farms/?utm_source=SciDev.Net&utm_medium=email&utm_campaign=14781113_2024-12-02%20Weekly%20Email%20Digest%20-%20Global%20Template.%20For%20no%20topic%20preferences&dm_i=1SCG,8ST6H,V1AOM,10LRUQ,1

Scientists gather to decode puzzle of the world's rarest whale

https://www.nbcnews.com/news/world/worlds-rarest-spade-toothed-whale-study-new-zealand-rcna182392?cid=sm_npd_nn_fb_ma&utm_campaign=trueanthem&utm_medium=social&utm_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR0iQpCfwMdgOVjW8K3bFMSMEcXVt4GOuD_9LTx3h6Tpp08vDtubJyWEIO_aem_FhP4eTMZTIMdkYFQILBbaQ&branch_match_id=1341103929126636916&branch_referrer=H4sIAAAAAAAAAAwXBw9CQBwA4G%2FTS25jTW3W5E9TLqkb8sb8OO4ibodUL%2FRsPQ%2BbJjFuVbWHsqfLqBRCKB3vW%2FXLOEBd6VkluxrKjlemv2QpQ9CcWZYgGxPXsq6lR8KuF1w1YfxljJMGHr5ht0zjST%2BEs5NvAvLW2JolqYyXM3UzHD%2BJ66O8oM%2FcYxedEpwRH1ft3Yu6YA9FtPpJWIMped%2FkIldpNL0ipLCMLR%2FCEeSibAAAAA%3D&sfnsn=mo

'I'm used to people thinking I'm lying': are Scotland's sea eagles killing hundreds of lambs?

https://www.theguardian.com/environment/2024/dec/02/im-used-to-people-thinking-im-lying-are-scotlands-sea-eagles-killing-hundreds-of-lambs?CMP=fb_gu&utm_medium=Social&utm_source=Facebook&fbclid=IwZXh0bgNhZW0CMTEAAR0i3PVIH1sEDYepgdsPejXAEGTNNXj7IE2LvhINnswBszs7sQQLELp_o_aem_0-wsK8XRp2HyUP-tC85Llg&sfnsn=mo#Echobox=1733124910

See How a Deadly Bird Flu Season Impacted Wildlife on Remote Antarctic Islands

https://www.scientificamerican.com/article/can-antarctic-wildlife-survive-another-deadly-bird-flu-season/?utm_medium=social&utm_source=facebook&utm_campaign=socialflow&fbclid=IwY2xjawG-IFBleHRuA2FibQIxMQABHUMyuE4JYbZ83ewgOTLVGhbZrDC111APORR27oOK3qPMGwo3uq_gCXadlw_aem_AdIfJO_gl8sXPmQSudz6OQ

Orcas have begun wearing salmon hats again – and we may soon know why

https://www.newscientist.com/article/2457910-orcas-have-begun-wearing-salmon-hats-again-and-we-may-soon-know-why/?fbclid=IwY2xjawG-ICtleHRuA2FibQIxMAABHb_9Xy3YN4hYPql6SZG8Yg5fXPPpfcOuTKFQcYgDTAZ3d52Eld-ij5QFrA_aem_Bm-yp02v2vMZ1v521EErGw

Researchers capture baleen whales for the first time to study their hearing
<https://www.nbcnews.com/science/environment/researchers-capture-baleen-whales-first-time-study-hearing-rcna181092>

Other

Massachusetts Institute of Technology to waive tuition for families making less than \$200K

<https://abcnews.go.com/US/massachusetts-institute-technology-waive-tuition-families-making-200k/story?id=116054921>

UFO Sighted Over US Capitol Hill? Mysterious Lights Spark Fears In Washington DC

<https://www.news18.com/world/ufo-sighted-over-us-capitol-hill-mysterious-lights-spark-fears-in-washington-dc-9139017.html>

Like 'old Twitter': The scientific community finds a new home on Bluesky

<https://www.science.org/content/article/old-twitter-scientific-community-finds-new-home-bluesky>

The scientists who risk it all for research

https://www.scidev.net/global/scidev-net-investigates/the-scientists-who-risk-it-all-for-research/?utm_source=SciDev.Net&utm_medium=email&utm_campaign=14770275_2024-11-25%20Weekly%20Email%20Digest%20-%20Global%20Template.%20For%20no%20topic%20preferences&dm_i=1SCG,8SKTF,V1AOM,10KNI5,1

Additional Informational

Learning to speak up for Justice- Video

<https://www.youtube.com/watch?v=GyEMbIRYVGA>

Telescope for NASA's Roman Mission Complete, Delivered to Goddard

<https://www.nasa.gov/missions/roman-space-telescope/telescope-for-nasas-roman-mission-complete-delivered-to-goddard/>

Rose Valland's Memoir Gets First English Translation

<https://www.monumentsmenandwomenfnd.org/post/rose-valland-s-memoir-gets-first-english-translation?srsId=AfmBOoHrEsxQinTe80LVjmemOAEJtH3todvqLE3MDeRHKp86YoAEYR6>

Monuments Men and Women Foundation, Letter from Chairman

<https://bos.etapestry.com/prod/viewEmailAsPage.do?erRef=1237.0.5911409&databaseId=MonumentsMenFoundationFortheP&mailingId=46999461&jobRef=1237.0.179705914&key=4e8412ad48562e3c9934f45c3e144d48&personaRef=1237.0.5911408&memberId=1638661242>

The Next Decade of Discovery in Solar and Space Physics Report

https://nap.nationalacademies.org/resource/27938/interactive/?utm_term=thenasem&utm_content=buffer7c323&utm_medium=social&utm_source=bsky.app&utm_campaign=buffer-thenasem

Solar storm Risk to the North American electric grid Report

<https://assets.lloyds.com/assets/pdf-solar-storm-risk-to-the-north-american-electric-grid/1/pdf-Solar-Storm-Risk-to-the-North-American-Electric-Grid.pdf>

Seven worlds, one mission: The United Arab Emirates aims for the asteroid belt

https://www.planetary.org/planetary-radio/2024-uae-asteroid-belt?utm_campaign=downlink&utm_medium=email&utm_source=20241129&s_src=downlink&subsrc=20241129

NASA Awards Launch Services Contract for Dragonfly Mission

<https://www.nasa.gov/news-release/nasa-awards-launch-services-contract-for-dragonfly-mission/>

Science in ruins: Gaza's scientists call for global support

<https://council.science/blog/science-in-ruins-gazas-scientists-call-for-global-support/>

International Science Council Newsletter

<https://us5.campaign-archive.com/?e=725b365f54&u=2e9b648776114e2888e7ea8c5&id=3bf0e3de92>

How did humans and dogs become friends? Connections in the Americas began 12,000 years ago

<https://news.arizona.edu/news/how-did-humans-and-dogs-become-friends-connections-americas-began-12000-years-ago>