

Weekly Science Report

September 6, 2024

“Until lions have their historians, tales of the hunt shall always glorify the hunters.”

African Proverb

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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 did early humans arrive in Australia? A new discovery provides fresh clues

https://www.sbs.com.au/news/article/how-did-early-humans-arrive-in-australia-a-new-discovery-provides-fresh-clues/622kv51zz?fbclid=IwZXh0bgNhZW0CMTEAAR20iEz1rOG86d4wMaTPGNBLT1PmKt-ZuFttvgVaVWD_W91ml0xtYvoRnU_aem_JkXcX5kR6EmKPUER6LLayA&sfnsn=mo

Where did the 'hobbit' humans come from? New fossils shed light

https://www.cnn.com/2024/08/10/science/hobbit-fossil-science-newsletter-wt/index.html?Date=20240811&Profile=CNN&utm_content=1723348804&utm_medium=social&utm_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR1gNmM9Zlb93pP2Lkpr0jq29zllG74SfR6BqbfFzAfQb3OujarJHilYc_aem_P51K01V0XuCiu-4TcRcf0Q&sfnsn=mo

Matching dinosaur footprints found more than 3,700 miles apart, on different continents

https://www.cbsnews.com/news/dinosaur-footprint-discovery-different-continents-brazil-cameroon/?linkId=565772484&fbclid=IwY2xjawE6rjFleHRuA2FibQIxMQABHfWDTb7lev1ID1sV3d9UgSgKBbKdZvzgcTXycezcXcQ_aF-NfJj7jxTHQ_aem_vJnJEMoM8xUzAGwqIDUI0w

Stone Age builders had engineering savvy, finds study of 6000-year-old monument

https://www.nature.com/articles/d41586-024-02776-w?fbclid=IwY2xjawE68F5leHRuA2FibQIxMQABHYDBduLPaNT8PF0T7DXImQ2RV09wurk_3zDVgU1RImCvQDbpHFNsHh9nZg_aem_IO4VX0OrmonJ03H4_xLF0g

Darwin's fear was unjustified: Study suggests fossil record gaps not a major issue

<https://phys.org/news/2024-08-darwin-unjustified-fossil-gaps-major.html>

Fossil hotspots in Africa obscure a more complete picture of human evolution, study says

https://phys.org/news/2024-08-fossil-hotspots-africa-obscure-picture.html?fbclid=IwY2xjawExeA9leHRuA2FibQIxMQABHeODPTnDeszMyY1TfihGtbCTKa2DbDTZL2Y5NsTVBljtArDZskBnyhcl7g_aem_n-o9TeDyVPao8GGJvM_X1Q#google_vignette

Dinosaur-killing asteroid likely came from deep space beyond Jupiter

https://www.popsci.com/science/dinosaur-asteroid-origin/?fbclid=IwZXh0bgNhZW0CMTEAAR1yzyPBBOJkd7zfMteHqCxcPcNlfxmHzL2Sljir541rjO_WICHHCuzkhD8_aem_gMmRkr1FvuG4DnzAkNlwxw&sfnsn=mo

Ancient humans built a bridge inside a cave on Mallorca nearly 6,000 years ago

https://www.cnn.com/2024/08/30/science/ancient-submerged-cave-bridge-mallorca/index.html?Date=20240830&Profile=CNN+International&utm_content=1725030045&utm_medium=social&utm_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR2bc_jQq3BGo_vL4AFAtQp66rkMQ2LdBO-14hvfPpnGd7xuOQxg3sxxso_aem_pBY1XxwZS3_qbnHg7eJMGQ&sfnsn=mo

History

Jamestown DNA helps solve a 400-year-old mystery and unexpectedly reveals a family secret
https://phys.org/news/2024-08-jamestown-dna-year-mystery-unexpectedly.html?fbclid=IwY2xjawEoUb1leHRuA2FibQlxMQABHRI7UDNcluF2tGCxCg_EU7HU4sbwzyCh3ISVuCeQKa68VIGJ5vPep6CTkw_aem_hirM_0n5hlsSb83Q7Wm6EA#google_vignette

Details emerge after Viking ship replica sinks off Norway, killing U.S. woman
https://www.cbsnews.com/news/viking-ship-sinking-norway-american-karla-dana/?ftag=CNM-00-10aab6a&linkId=569472082&fbclid=IwY2xjawE9k8VleHRuA2FibQlxMQABHXuXBPesKCKw-jLvHKWIEJQgCbqpw0Zd60VpPuHC2Q4uSHE9Sf-1bP18QA_aem_ywF4megqY9xZ0hulhXVj6Q

Biden to designate 1908 Springfield, Ill., race riot site as national monument
<https://www.nbcnews.com/news/nbcblk/biden-designate-1908-springfield-race-riot-site-national-monument-rcna166766>

Long-hidden family scandal in Jamestown colony revealed 400 years later by ancient DNA
<https://www.cnn.com/2024/08/23/science/jamestown-colonial-governor-family-scandal-dna/index.html#:~:text=Recently%2C%20DNA%20analysis%20of%20two,linked%20by%20share d%20maternal%20lineage.>

From Earl of Devon to Duke of Norfolk: the hereditary peers set to lose place in Lords
https://www.theguardian.com/politics/article/2024/sep/05/hereditary-peers-set-to-lose-place-in-lords-earl-of-devon-duke-of-norfolk?CMP=fb_gu&utm_medium=Social&utm_source=Facebook&fbclid=IwY2xjawFGjixleHRuA2FibQlxMQABHaPQDPhurgjC9ATJBv5MXsfipOEx1rxZPu4CqZHje52SocdKq4TSjb-jAA_aem_ZiqGFVIYQikOpNxHpAhntQ#Echobox=1725517655

Māori queen Nga Wai Hono i te po Paki crowned in 'new dawn' for New Zealand
https://www.theguardian.com/world/article/2024/sep/05/maori-queen-nga-wai-hono-i-te-po-paki-new-zealand?CMP=fb_gu&utm_medium=Social&utm_source=Facebook&fbclid=IwY2xjawFGjc9leHRuA2FibQlxMQABHZGD3rSm6ccccIm62Ut2s11HnLnCWAECIm85pG-odSBdWPNkadlWx-YrGg_aem_1Gyeurg_dAajR-m0aGuDA#Echobox=1725516739

Tucker Carlson hosts 'historian' who promotes Nazi falsehoods on Holocaust
<https://www.jpost.com/international/article-818792>

Art damaged during Brazil's 2023 insurrection almost fully restored
https://www.theartnewspaper.com/2024/07/23/art-damaged-during-brazil-2023-insurrection-almost-fully-restored?utm_medium=email&utm_content=9EVzZyUDuh0o9omnds_XK-Ixpe-2nuhXSfYrRc3smSN9SAq5NuCBYriHz1Dtq9DI

New British Museum Director Proposes 'Lending Library' to Address Parthenon Marbles Return
https://news.artnet.com/art-world/british-museum-parthenon-marbles-lending-library-2514374?utm_medium=email&utm_content=ZC6fh2Qj5bXWAQ0zu0-KIuIxppe-2nuhXSfYrRc3smSN9SAq5NuCBYriHz1Dtq9DI

Archaeology

Pre-Mongolian elite grave found in an abandoned fortress

https://phys.org/news/2024-08-pre-mongolian-elite-grave-abandoned.html?fbclid=IwY2xjawEm5I9leHRuA2FibQIxMQABHY8mgESd_Lsb4oIXQr8lyzYFscJy63GxBih8Px9YiUUXP30A1xXfufxfA_aem_GaMUJ82h8sMaqfW_t6SUfw#google_vignette

Last known slave ship to arrive in the U.S. is a decayed "crime scene" that should stay underwater, experts say

<https://www.cbsnews.com/news/the-clotilda-last-us-slave-ship-crime-scene-should-stay-underwater-experts-say/>

New excavations reveal missing pieces of intriguing artifact at Sutton Hoo

https://www.cnn.com/2024/08/10/science/sutton-hoo-byzantine-bucket-anglo-saxons/index.html?Date=20240810&Profile=CNN&utm_content=1723323661&utm_medium=social&utm_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR065Mjl46e6tsP3pFt8Wr4SvLBkqXjdT_zn-9yRCa9DoBLhlmv2ISU_djc_aem_UO9c6A5aS_06Tk7JahVz_g&sfnsn=mo

17th-Century Mummified Brains Test Positive for Cocaine

<https://gizmodo.com/17th-century-mummified-brains-test-positive-for-cocaine-2000491460>

The ghost town that has stood empty for more than a century

https://www.cnn.com/travel/karakoy-turkey-ghost-town-levissi/index.html?Date=20240827&Profile=CNN+International&utm_content=1724787004&utm_medium=social&utm_source=facebook&fbclid=IwY2xjawE7DXBLEHRuA2FibQIxMQABHXTItNuMTGEJZ0hVRzT6ossOs11TL-t8eW-yH3ynsMQP8dk6sh3ZO91xg_aem_RM2yj3lfBNFGrakGxi1fog

Archaeologists unearth tiny 3,500-year-old clay tablet following an earthquake

https://www.cnn.com/2024/08/16/science/ancient-cuneiform-tablet-turkey-earthquake/index.html?Date=20240816&Profile=CNN+International&utm_content=1723841275&utm_medium=social&utm_source=facebook&fbclid=IwY2xjawEvIR1leHRuA2FibQIxMQABHZhvicL00tRoEOPHmaezuQJ9-Pd8qP6WNcEH7wImpOzeCUNJ6C0CTKr5JQ_aem_W9Zu8lxWTInbTC1q9jARGQ&sfnsn=mo

A Newfound Tablet Adds the Name of a Previously Forgotten Maya King to History

https://news.artnet.com/art-world/maya-king-tablet-2525279?fbclid=IwZXh0bgNhZW0CMTEAAR19c9CECBdCpVi4scmLRkNoxMutSbq1ayz89y-tWhmWuEvRu1ekbyvAjn0_aem_f9jBt5o5XVnam4ejCzIfoA&sfnsn=mo

The de Young Museum has kept dozens of human remains locked up for decades. How will they find their way home?

<https://sfstandard.com/2024/08/16/de-young-museum-repatriate-native-human-remains/>

Wreck believed to be WWI ship that sank with over 500 sailors found in "remarkable" condition

https://www.cbsnews.com/news/hms-hawke-world-war-one-ship-believed-found-scotland/?ftag=CNM-00-10aab6a&linkId=550966508&fbclid=IwZXh0bgNhZW0CMTEAAR3SSakpWg-eYer3uqyp6G4pW1FPn-djeLI-zcwCrnSYb6YT81P3LP0hW0c_aem_9tGbjL0DzeWV_maXpzVLPQ&sfnsn=mo

A.I. Is Helping Scholars Decipher the Epic of Gilgamesh

https://news.artnet.com/art-world/ai-cuneiform-translation-epic-of-gilgamesh-2523735?fbclid=IwZXh0bgNhZW0CMTEAAR2PDJBVhI5IJReR6eKPD-85IJG5e3DQQpWznPKRXZZM9ocGIAivTvqKSQ_aem_2pxh8dTJwpTE5km8toLloQ&sfnsn=mo

Bones discovered in Spanish cave most likely belong to famed priest who created popular pilgrimage
<https://www.nbcnews.com/news/world/spanish-bones-likely-famed-medieval-bishop-study-shows-rcna166525>

Stonehenge megalith came from Scotland, not Wales, 'jaw-dropping' study finds
https://www.theguardian.com/uk-news/article/2024/aug/14/stonehenge-megalith-came-from-scotland-not-wales-jaw-dropping-study-finds?CMP=fb_qu&utm_medium=Social&utm_source=Facebook&fbclid=IwZXh0bgNhZW0CMTEAAR1ogbdr9IPRI-t6me3Lm45ScgB0WtTgW8RISx1IMKuf22envBL_CcSKFh0_aem_ZeT3ozFx05UpcodF7m2t8g&sfnsn=mo#Echobox=1723650382

Her 3,000-Year-Old Bones Showed Unusual Signs of Wear. It Turns Out, She Was a Master Ceramicist
https://www.smithsonianmag.com/smart-news/meet-female-artisan-whose-masterful-ceramics-defied-ancient-greek-gender-norms-180970288/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=932024&utm_content=archival&fbclid=IwY2xjawFD8ppleHRuA2FbQlxMQABHZ4qpZjc2SbUKbEPZQFdXcBUYu-7AI1NNXLSvscvL_rWrqFVP7rwnC9jRg_aem_yGOMfvwn6m5vW83M26stlg

Human remains believed to be hundreds of years old found on shores of Minnesota lake
<https://abcnews.go.com/US/wireStory/human-remains-believed-hundreds-years-found-shores-minnesota-113430080>

Extremely rare ancient seal with winged "genie" discovered in Jerusalem
https://www.cbsnews.com/news/ancient-seal-winged-genie-discovered-jerusalem/?ftag=CNM-00-10aab6a&linkId=570486579&fbclid=IwZXh0bgNhZW0CMTEAAR3qDu1Btl_WwlEcpzjsucW4xQbi5JASmM8A8wmKqscX0vRxo9AdXo8c6nk_aem_R8A2FsUkCWsEgPPXUGNn0w&sfnsn=mo

Heavy rains cause partial collapse of ancient pyramid in Mexico
https://www.theartnewspaper.com/2024/08/09/pyramid-collapse-ihuatziio-archaeological-site-heavy-rain-climate-change?utm_medium=email&utm_content=fKjZ8Go7vdth_RiFtSdNo-Ixpe-2nuhXSfYrRc3smSN9SAq5NuCBYriHz1Dtq9DI

Egyptology

A trove of artifacts from Egypt's last dynasties has been found in 63 tombs

<https://www.nbcnews.com/news/world/trove-artifacts-egypts-last-dynasty-found-rcna166341>

Discovery of Massive Ancient Egyptian Observatory Shines Light on Astronomical History

https://news.artnet.com/art-world/ancient-egypt-astronomical-observatory-found-2527992?fbclid=IwZXh0bgNhZW0CMTEAAR0jp5UJLdCNRyX4juL23e21eYmRuZMX7isD-E0IbC6XiXV35EXixt_gPgw_aem_mLEHr2M_DA1LoL4WBqBEmw&sfnsn=mo

General Science

A third of the world's population lacks internet connectivity – airborne communications stations could change that

<https://theconversation.com/a-third-of-the-worlds-population-lacks-internet-connectivity-airborne-communications-stations-could-change-that-234986>

'Living labs' helping build peace in Colombia

https://www.scidev.net/global/supported-content/living-labs-helping-build-peace-in-colombia/?utm_source=SciDev.Net&utm_medium=email&utm_campaign=14640226_2024-09-02%20Weekly%20Email%20Digest%20-%20Global%20Template.%20For%20no%20topic%20preferences&dm_i=1SCG,8PSGY,V1AOM,107IQN,1

GoDaddy generating more profits with fewer people; artificial intelligence may be a factor

<https://www.usatoday.com/story/money/business/2024/08/26/godaddy-using-ai-to-serve-entrepreneurs-results-are-promising/74955030007/?gnt-cfr=1&qca-cat=p>

Physics, Earth and Space Sciences

Humans Could Warm Up Mars for Space Travelers by Spraying Tiny Metal Rods Into Its Atmosphere

https://www.smithsonianmag.com/smart-news/humans-could-warm-up-mars-for-space-travelers-by-spraying-tiny-metal-rods-into-its-atmosphere-180984863/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=8112024&utm_content=new&fbclid=IwY2xjawEm5ZhleHRuA2FibQlxMQABHUUd9-eNCuraNBnn-nqyvCktKd_GQab7Q7V14zqXsFh-qF9E9VINuAqYw_aem_AVRI7RPuUQTjmyOKga5QCQ

SpaceX to launch 4 people on historic Fram2 mission over Earth's poles in late 2024

https://www.space.com/spacex-frames-first-human-spaceflight-earth-poles?utm_campaign=socialflow&utm_content=space.com&utm_source=facebook.com&utm_medium=social&fbclid=IwY2xjawEoPDxleHRuA2FibQlxMQABHcuGItsTv56qonxuQfMpGiMNpbzFnu_n_4xFmOWIEXHk57ASzV-hoFCN4pw_aem_bXd62m-INFrePOs9flgAMw

Mars study suggests an ocean's worth of water may be hiding beneath the red dusty surface

<https://www.nbcnews.com/science/space/mars-ocean-water-hiding-below-surface-rcna166300>

Data from India's historic moon mission supports long-standing lunar theory

https://www.cnn.com/2024/08/23/science/lunar-magma-ocean-chandrayaan-3/index.html?Date=20240823&Profile=CNN,CNN+International&utm_content=1724434125&utm_medium=social&utm_source=facebook,linkedin&fbclid=IwY2xjawE5ZwNleHRuA2FibQlxMAABHf4-aYjos6wCN-nyv5W7K6mfiCQ_-uJNGLsKJm8jZvtEWvX-FFPBAT8Uew_aem_Erubl-8U6kTkGfa-cP3G_g

Astrophysicists use AI to precisely calculate universe's 'settings'

https://phys.org/news/2024-08-astrophysicists-ai-precisely-universe.html?fbclid=IwY2xjawE5pdFleHRuA2FibQlxMQABHSFdz_DSQSHCrYdbi6Yj7_IYaybr1uNv_DNKMDINo9XTaAA9de6zIP9uQ_aem_fxHxYqo28A3a7Oq0EdbjFA#google_vignette

Researchers start first low frequency search for alien technology in distant galaxies

https://phys.org/news/2024-08-frequency-alien-technology-distant-galaxies.html?fbclid=IwY2xjawE5uQdleHRuA2FibQlxMQABHZXIOglTZLVNpucffieRijKZU9Efg85VUnK_tmVkJGBnPcaqNp06fWfqg_aem_lHpkB7tUaCDD15FQ6fuVAg#google_vignette

In the hunt for alien life, is man truly 'the measure of all things?'

https://phys.org/news/2024-08-alien-life.html?fbclid=IwZXh0bgNhZW0CMTEAAR1xj1RT5-SqlQCnwVM8KhfyYtUbcRZ4hojR8IS3NztgYRr-bm94m8dokLY_aem_aiBhux7jt-sSqVq9zZVnDQ&sfnsn=mo

Event Horizon Telescope makes highest-resolution black hole detections from Earth

<https://phys.org/news/2024-08-event-horizon-telescope-highest-resolution.html>

How can we protect humans on Mars from dangerous solar storm radiation?

<https://www.space.com/mars-protect-astronauts-solar-storm-radiation>

Defying Disaster: NASA's Innovative Strategies in Planetary Defense

<https://scitechdaily.com/defying-disaster-nasas-innovative-strategies-in-planetary-defense/>

'Very bright' fireball lights up Appalachia and vanishes over North Carolina, NASA says

<https://www.charlotteobserver.com/news/state/north-carolina/article291804815.html>

Jupiter's moon Ganymede was struck by asteroid bigger than dinosaur-killing rock

<https://www.theguardian.com/science/article/2024/sep/03/jupiter-moon-ganymede-struck-asteroid-bigger->

[dinosaurs?CMP=fb_gu&utm_medium=Social&utm_source=Facebook&fbclid=IwY2xjawFD2UpleHRuA2FbQlxMQABHskomFt68tbaeLVV4bEabXL0Qp3uVUKU57A61U73xY882MTaF7H5Sqw3rg_aem_GMNNhNpm5rmwXfkk9gg15A#Echobox=1725356078](https://www.fox6now.com/news/watch-iss-astronaut-captures-out-of-this-world-video-meteor-slicing-through-atmosphere-above-africa)

Watch: ISS astronaut captures out-of-this-world video of meteor slicing through atmosphere above Africa

<https://www.fox6now.com/news/watch-iss-astronaut-captures-out-of-this-world-video-meteor-slicing-through-atmosphere-above-africa>

NASA's solar sail successfully spreads its wings in space

https://www.space.com/nasa-solar-sail-deployment?utm_campaign=socialflow&utm_source=facebook.com&utm_medium=social&utm_content=space.com&fbclid=IwZXh0bgNhZW0CMTEAAR1dAW9ibVgSLT6jHh3iFtHolmwpPX8JsYKW5efQ8WDMfBRBnEStXk_USmw_aem_MUe92rDbNnx0aeKXuxSP5Q&sfnsn=mo

China to launch "Earth 2.0" exoplanet observatory in 2028

<https://spacenews.com/china-to-launch-earth-2-0-exoplanet-observatory-in-2028/>

In six new rogue worlds, Webb Telescope finds more star birth clues

<https://www.eurekalert.org/news-releases/1055449>

Fallout from NASA's asteroid-smashing DART mission could hit Earth — potentially triggering 1st human-caused meteor shower

<https://www.livescience.com/space/asteroids/fallout-from-nasa-s-asteroid-smashing-dart-mission-could-hit-earth-potentially-triggering-1st-human-caused-meteor-shower>

The moon had active volcanoes into the dinosaur age, study finds

https://www.nbcnews.com/news/moon-active-volcanoes-dinosaur-age-study-finds-rcna169875?cid=sm_npd_nn_fb_ma&utm_campaign=trueanthem&utm_medium=social&utm_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR1zEWdew4WZZXUld46HWhjsbqFwPGYqRDCHmv2Vn49amo2Qkkvn5B1wFds_aem_JJv7jTM6Q19QMWMK2ck4cA&branch_match_id=1341103929126636916&branch_referrer=H4sIAAAAAAAAAAwXB2wqCMAAA0K%2Bpx7xgRoGEecmKhUo580XcnLfp1M0c9PWd0yzLJE6KwhBmRlPdMU27vmVU%2BUbJz61R6AN0rhDu29K6ySxtVFQ%2FmwyqDnh5th1rPw%2BWRBowy9J3XxpmAJtOoNmX4fUzx64TDKueMONYDKMeUby%2FUWTfinyggz5%2Fb4euhcwl%2B0YAQgeOqYGtrcbXeWklpy3rM4RH6Ug3PILTNA40j%2BmEH0WsgAAAA%3D%3D&sfnsn=mo

Environment, Climate Change and Alternative Energy Sources

Latin American trial heralds methane-free rice

https://www.scidev.net/global/supported-content/latin-american-trial-heralds-methane-free-rice/?utm_source=SciDev.Net&utm_medium=email&utm_campaign=14613042_2024-08-12%20Weekly%20Email%20Digest%20-%20Global%20Template.%20For%20no%20topic%20preferences&dm_i=1SCG,8P7HU,V1AOM,104M4J,1

Scientists Uncovered the Amazon's Secret Dark Earth. What If It Saves the World?

https://www.popularmechanics.com/science/environment/a61817667/scientists-find-amazon-dark-earth/?utm_campaign=trueanthemFBPOP&utm_medium=social&utm_source=facebook&fbclid=IwZXh0bgNhZW0CMTEAAR3nNGM473g_sYvTNRR-B6NmaKE1b1NQB78rd6683tAVabxRwWLLZq10kms_aem_1hn0wuRkHr40bbKPYHTQhA&sfnsn=mo

Navajo Nation adopts changes to tribal law regulating the transportation of uranium across its land

https://apnews.com/article/uranium-mine-navajo-grand-canyon-nuclear-power-3aaba862aaea8e94f2370dc4f36ea687?utm_campaign=TrueAnthem&utm_medium=AP&utm_source=Twitter

Biological, Genetics and Medical Sciences

Biden is announcing \$150 million in research grants as part of his 'moonshot' push to fight cancer
<https://apnews.com/article/biden-cancer-moonshot-new-orleans-event-df375e5e4dd1511276710b192bad9c0a>

Eco-friendly diagnostic tests 'need global push'
https://www.scidev.net/global/news/eco-friendly-diagnostic-tests-need-global-push/?utm_source=SciDev.Net&utm_medium=email&utm_campaign=14632452_2024-08-27%20Weekly%20Email%20Digest%20-%20Global%20Template.%20For%20no%20topic%20preferences&dm_i=1SCG,8PMH0,V1AOM,106OSS,1

'Enhancing' future generations with CRISPR is a road to a 'new eugenics,' says ethicist
Rosemarie Garland-Thomson
<https://www.livescience.com/health/genetics/enhancing-future-generations-with-crispr-is-a-road-to-a-new-eugenics-says-ethicist-rosemarie-garland-thomson>

Ancient viral genomes preserved in glaciers reveal the history of Earth's climate – and how viruses adapt to climate change
<https://theconversation.com/ancient-viral-genomes-preserved-in-glaciers-reveal-the-history-of-earths-climate-and-how-viruses-adapt-to-climate-change-237367>

At least 20 new species identified in recently discovered underwater ecosystem
<https://abcnews.go.com/US/20-new-species-identified-recently-discovered-underwater-ecosystem/story?id=113150084>

One Year After a Devastating Fire, Lahaina's 151-Year-Old Banyan Tree Is Healing
https://www.smithsonianmag.com/smart-news/one-year-after-a-devastating-fire-lahainas-151-year-old-banyan-tree-is-healing-180984874/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=8192024&utm_content=recent&fbclid=IwY2xjawEGwVleHRuA2FlbQlxMQABHZsJL1XWHYCFgvARV5tXO_ORa-V5RZolZYdIB1GUI7MlfXt5DaF3Ar1MQ_aem_HWgAy211PVu3ZIDT352OWQ

A drug that restores brain metabolism could help treat Alzheimer's
<https://www.npr.org/2024/08/22/nx-s1-5081405/a-drug-that-restores-brain-metabolism-could-help-treat-alzheimers?ft=nprml&f=1001>

Northern elephant seals use deep-sea research sonar as dinner bell
https://phys.org/news/2024-09-northern-elephant-deep-sea-sonar.html?fbclid=IwY2xjawFGrxNleHRuA2FlbQlxMQABHUA_rGng_qstDbWy6OI4AmZ5sEUCsc68S8IOFX3Aj835OrjCZK9k07X8xw_aem_WA76KCCWT5xYBd4TFXu98A

Other

Research collapse feared amid Venezuela election rift

https://www.scidev.net/global/news/research-collapse-feared-amid-venezuela-election-rift/?utm_source=SciDev.Net&utm_medium=email&utm_campaign=14622199_2024-08-19%20Weekly%20Email%20Digest%20-%20Global%20Template.%20For%20no%20topic%20preferences&dm_i=1SCG,8PEK7,V1AOM,105MIX,1

Star Trek actor Robert Picardo roasts Elon Musk's 'Let's make Starfleet Academy real!' post

https://ew.com/star-trek-voyager-actor-robert-picardo-roasts-elon-musk-call-to-make-starfleet-academy-real-8703559?utm_campaign=entertainmentweekly_entertainmentweekly&utm_content=manual&utm_medium=social&utm_source=facebook.com&fbclid=IwZXh0bgNhZW0CMTEAAR2p9bL4q8L5acx7TMJhT6t53kxSVqAJKvkVUh3Sgklwb1VKPs-z5QaXMK4_aem_X_-XkVWiNJ2dTlQOi1Gz_g&sfnsn=mo

Additional Informational

NASA Decides to Bring Starliner Spacecraft Back to Earth Without Crew

https://www.nasa.gov/news-release/nasa-decides-to-bring-starliner-spacecraft-back-to-earth-without-crew/?utm_source=FBPAGE&utm_medium=NASA+-+National+Aeronautics+and+Space+Administration&utm_campaign=NASASocial&linkId=563102841&fbclid=IwY2xjawE4FwHleHRuA2FibQIxMQABHQYgm0ukRDbu_bp3_H3jTAq2Esefo22XqocajHegrkECUEcJxYIkZ423yw_aem_v-mw--zDdOOzf7vy0wJJI&sfnsn=mo

Danish Instrument Helps NASA's Juno Spacecraft See Radiation

https://www.jpl.nasa.gov/news/danish-instrument-helps-nasas-juno-spacecraft-see-radiation?fbclid=IwZXh0bgNhZW0CMATAAR1NyoiIDF4uhKSjC-JXrgahNV90gPJTWZip4m5cVjQw3tUrGmYIPdX5hs_aem_8GNnPh53gwEaJllpWxU3BA

Solar Panels for NASA's Roman Space Telescope Pass Key Tests

<https://www.nasa.gov/missions/roman-space-telescope/solar-panels-for-nasas-roman-space-telescope-pass-key-tests/>

Indigenous Voices In American History With Shelly Lowe

https://thinkwy.org/podcast/whats-your-why/indigenous-voices-in-american-history-with-shelly-lowe/?fbclid=IwY2xjawE7DShleHRuA2FibQIxMAABHfFoMR18N2-0CRJu5HQwR7KzwamvJCuBhFR5D0_8w22-0yXMUJ7Uv0s-cw_aem_mesjXh3RIWH8byX3HZ0b0w

Proto-Elamite Writing in Iran

https://www.harappa.com/content/proto-elamite-writing-iran?fbclid=IwY2xjawE9US5leHRuA2FibQIxMAABHcbT6pPddxva6Q1DpJoeQL9Hs44hw9cd0PeEwZT1SU7zKF0SxLHtpwqg-w_aem_WHgdQ9As6oV4E7SWP7W0qQ

Mobile Museum of Tolerance

<https://mmot.com/>

UN Information Integrity: The Information Ecosystem in the Digital Age

<https://www.un.org/en/information-integrity>

Archaeological field school discovers Ice Age artifacts in northern Maine

https://today.salve.edu/archaeological-field-school-discovers-ice-age-artifacts-in-northern-maine/?fbclid=IwY2xjawEsQIBleHRuA2FibQIxMQABHRx5HpeFWZKt6p0LugUJ4KDs-PAUFjCwJTyjaosXUutwIDr8fRtuiWHbww_aem_jBN2nNNHDY60wa2XgisOCg&sfnsn=mo

A billion dollars short: A progress report on the Planetary Decadal Survey

https://www.planetary.org/articles/planetary-decadal-two-years-in?autologin=true&utm_campaign=downlink&utm_medium=email&utm_source=20240823&s_src=downlink&s_subsrc=20240823

What would happen if we nuked an asteroid?

https://www.planetary.org/articles/what-would-happen-if-we-nuked-an-asteroid?autologin=true&utm_campaign=downlink&utm_medium=email&utm_source=20240823&s_src=downlink&s_subsrc=20240823

NASA Demonstrates 'Ultra-Cool' Quantum Sensor for First Time in Space

<https://www.jpl.nasa.gov/news/nasa-demonstrates-ultra-cool-quantum-sensor-for-first-time-in-space>

National Endowment of the Humanities New Website

<https://www.neh.gov/>

Monuments Men and Women Newsletter

<https://bos.etapestry.com/prod/viewEmailAsPage.do?erRef=1237.0.5911409&databasId=MonumentsMenFoundationFortheP&mailingId=46587546&jobRef=1237.0.161815644&key=4e8412ad48562e3c9934f45c3e144d48&personaRef=1237.0.5911408&memberId=1638661242>

Aurelia Institute Newsletter

<https://mailchi.mp/aureliainstitute/introducing-tesserae-pavilion?e=57e055f9a1>

Icebreaker Oden makes history as the first vessel to reach remote fjord in North Greenland

https://seabed2030.org/2024/08/29/icebreaker-oden-makes-history-as-the-first-vessel-to-reach-remote-fjord-in-north-greenland/?fbclid=IwY2xjawFGje5leHRuA2F1bQlxMAABHbqb0svx4Gwxn6U6tL41f-Q_dD9hMht5RL4uv5EOipf5CiHYXliQDI80Qw_aem_iPTsR4YG4RPeGixkIPInjQ

Woods Hole Oceanographic Institution, Ocean Insights

https://explore.whoi.edu/ocean-insights-september-5-2024?ecid=ACsprvvtxWiNLIIVp2LQsot0htSEfmBA3j_l6FNr-UcPjd4eCTLjQzwdeuruTtG6krPDPYbwWjx-&utm_campaign=Ocean%20Insights%202024&utm_medium=email&_hsenc=p2ANqtz--AavDj0vMPvHK3te_02xaBOEi0aa8MZLTkv6u7xIYAxZ-5PCX3sRdPPgkVzRSjiUOqmV7k6jA3vflqD13u_P8XbYQBc5_baFsNIICoxJd1G6-kEog&_hsmi=323367484&utm_content=323367484&utm_source=hs_email

International Science Council Newsletter

<https://us5.campaign-archive.com/?e=725b365f54&u=2e9b648776114e2888e7ea8c5&id=34b63fa6ce>

The good, the not-so-good, and the ugly of the UN's blueprint for AI

https://www.brookings.edu/articles/the-good-the-not-so-good-and-the-ugly-of-the-uns-blueprint-for-ai/?utm_campaign=Brookings%20Brief&utm_medium=email&utm_content=322510890&utm_source=hs_email

ESA's NEO Coordination Centre Newsletter

https://neo.ssa.esa.int/documents/d/guest/esa-s2p-pd-le-0058_1_0_s2p-pd_newsletter_114_2024-09-06

The Planetary Society's Statement on VIPER's Path Forward

https://www.planetary.org/press-releases/statement-viper-path-forward?autologin=true&utm_campaign=downlink&utm_medium=email&utm_source=20240830&s_src=downlink&s_subsrc=20240830

Work Is Under Way on NASA's Next-Generation Asteroid Hunter

<https://www.jpl.nasa.gov/news/work-is-under-way-on-nasas-next-generation-asteroid-hunter>

Massive water production from lunar ilmenite through reaction with endogenous hydrogen

[https://www.cell.com/the-innovation/fulltext/S2666-6758\(24\)00128-0](https://www.cell.com/the-innovation/fulltext/S2666-6758(24)00128-0)

Revising the cost of climate change

<https://news.harvard.edu/gazette/story/2024/08/revising-the-cost-of-climate-change/>

The 5th Miracle: The Search for the Origin and Meaning of Life

https://www.amazon.com/gp/product/B00AK78PTQ?ref_=pe_113337450_1050843860_ssub&dib=eyJ2ljoimSJ9.enl7SaepTvJhzDMichJGOW6laOstnMbi1k7IKc5tha8wZ_QyI_SWVv3Ib0_COlog5tpMiq73u_vXfXglKcSldspf4ZeRmgt3yg-EQOv52TOyR2ZgGfogQ2q2qqFSbYIMud30u_9nt6vwhzuOmv648UjegBIY5xD3d0OHpluCAkQgn_sNHZC71R2d1QEw4Xdly7BDUX5vgbzuvVYm_78_tcyoLikcTtCfyN-ziHPn1UJmAwgi_mgrRflUmrqcyaoE-QaJGNiM1b6R8pqlrg5TRbQ.wteuo6-s3dyT923v8IxF1bWdrG9TTXVQFoMxO9x0B6c&dib_tag=sseb&pd_rd_i=B00AK78PTQ&pd_rd_w=AH0eZ&content-id=amzn1.sym.1c3f124c-bc90-49c2-ae38-14fdb2d25f7&pf_rd_p=1c3f124c-bc90-49c2-ae38-14fdb2d25f7&pf_rd_r=null&pd_rd_wg=sRXEo&pd_rd_r=34eb5841-823d-4fba-86de-d442be684ce7

Gods of the Bible: A New Interpretation of the Bible Reveals the Oldest Secret in History

https://www.amazon.com/Gods-Bible-Interpretation-Reveals-History/dp/8894611752/ref=tmm_pap_swatch_0?encoding=UTF8&dib_tag=sseb&dib=eyJ2ljoimSJ9.enl7SaepTvJhzDMichJGOW6laOstnMbi1k7IKc5tha8wZ_QyI_SWVv3Ib0_COlog5tpMiq73u_vXfXglKcSldspf4ZeRmgt3yg-EQOv52TOyR2ZgGfogQ2q2qqFSbYIMud30u_9nt6vwhzuOmv648UjegBIY5xD3d0OHpluCAkQgn_sNHZC71R2d1QEw4Xdly7BDUX5vgbzuvVYm_78_tcyoLikcTtCfyN-ziHPn1UJmAwgi_mgrRflUmrqcyaoE-QaJGNiM1b6R8pqlrg5TRbQ.wteuo6-s3dyT923v8IxF1bWdrG9TTXVQFoMxO9x0B6c&qid=&sr=

BLM, Tribes announce historic co-stewardship agreement

<https://www.blm.gov/announcement/blm-tribes-announce-historic-co-stewardship-agreement>