

Weekly Science Report

November 14, 2025

“Most successful men have not achieved their distinction by having some new talent or opportunity presented to them. They have developed the opportunity that was at hand.”

Bruce Barton

Table of Contents

Introduction	2
News Articles.....	3
Paleontology, Evolution and Prehistoric Studies	3
History	5
Archaeology.....	7
Egyptology.....	9
General Science	10
Physics, Earth and Space Sciences	11
Environment, Climate Change and Alternative Energy Sources.....	14
Biological, Genetics and Medical Sciences.....	15
Other	16
Additional Informational	17

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

Neanderthals used 'crayons' to color

<https://www.popsoci.com/science/neanderthals-coloring-art/>

Scientists thought this fossil was a teen T. rex. Turns out it's a new tyrannosaur

<https://www.npr.org/2025/10/30/nx-s1-5589172/tyrannosaurus-rex-dueling-dinosaurs-fossil-new-species>

A Single Gene Could Have Contributed to Neanderthals' Extinction, Study Suggests

https://www.smithsonianmag.com/smart-news/a-neanderthal-gene-variant-related-to-red-blood-cells-may-have-contributed-to-their-extinction-180987586/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053

Neanderthals caught and cooked crabs 90,000 years ago

https://www.popsoci.com/science/neanderthals-seafood-crabs/?fbclid=IwDGRzaANu5zljBGNrA27nZGV4dG4DYWVtAjExAAEeW9gQwWpvka5wHdH2La2qkXBvt0rzBaukoAfLKmdqVzehUjQBGGIHiBLS7ZQ_aem_i92kFZ96iK0wsHc1HNFRLw&sfnsn=m0

'The images could be much older': Analysis of rocks shows Neanderthals made art at least 64,000 years ago

<https://www.livescience.com/archaeology/human-evolution/the-images-could-be-much-older-analysis-of-rocks-shows-neanderthals-made-art-at-least-64-000-years-ago>

Evidence of ancient tree-climbing 'drop crocs' found in Australia

<https://www.bbc.com/news/articles/c2lpynjleoo>

Ancient 'frosty' rhino from Canada's High Arctic rewrites what scientists thought they knew about the North Atlantic Land Bridge

<https://www.livescience.com/animals/extinct-species/ancient-frosty-rhino-from-canadas-high-arctic-rewrites-what-scientists-thought-they-knew-about-the-north-atlantic-land-bridge>

Rare Fossils Reveal Surprisingly Gorilla-Like Features of Ancient Human Relative

<https://www.sciencealert.com/rare-fossils-reveal-surprisingly-gorilla-like-features-of-ancient-human-relative>

New Evidence Suggests the First Americans Didn't Walk From Siberia—They Sailed From Japan

<https://www.popularmechanics.com/science/archaeology/a69160891/new-evidence-first-americans-japan/>

How a great-grandmother helped researchers unravel a dinosaur mummy mystery

https://www.npr.org/2025/11/01/nx-s1-5590944/duck-billed-hooved-dinosaur-discovery?utm_source=facebook.com&utm_medium=social&utm_term=nprnews&utm_campaign=npr&fbclid=IwDGRzaAN0XqllHHRuA2FibQixMQABHney-hAYWuRBswtsXfKP7lqkz5bcfXGI8al-mK6ZSX4FkSfnrW43z68iMiNB_aem_eAyd-z4-qSyzUqFpN0wUw&sfnsn=mo

The Dinosaurs of North America Were Thriving Up Until an Asteroid Wiped Them Off the Face of the Earth, Scientists Argue

https://www.smithsonianmag.com/smart-news/dinosaurs-north-america-thriving-up-until-asteroid-wiped-them-off-face-earth-180987572/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053

A Single Gene Could Have Contributed to Neanderthals' Extinction, Study Suggests

<https://www.smithsonianmag.com/smart-news/a-neanderthal-gene-variant-related-to-red-blood-cells-may-have-contributed-to-their-extinction-180987586/>

Where did the first people come from? The case for a coastal migration from southern Africa

<https://theconversation.com/where-did-the-first-people-come-from-the-case-for-a-coastal-migration-from-southern-africa-267299>

Ancient DNA uncovers unknown Argentina lineage that has persisted for last 8,500 years

<https://phys.org/news/2025-11-ancient-dna-uncovers-unknown-argentina.html>

Stone Age Pacific fishing practices revealed through chemical fingerprints hidden in collagen

<https://phys.org/news/2025-11-stone-age-pacific-fishing-revealed.html>

Prehistoric Jomon people in Japan had 'little to no' DNA from the mysterious Denisovans, study finds

<https://www.livescience.com/archaeology/human-evolution/prehistoric-jomon-people-in-japan-had-little-to-no-dna-from-the-mysterious-denisovans-study-finds>

Paleogenomics: humans and dogs spread across Eurasia together

<https://www.eurekalert.org/news-releases/1105503>

The world's oldest RNA extracted from woolly mammoth

<https://www.eurekalert.org/news-releases/1105073>

Archaeologists Found Ancient Tools That Contradict the Timeline of Civilization

<https://www.popularmechanics.com/science/archaeology/a69445731/ancient-boats-found-southeast-asia-timeline/>

History

German dentists hold memorial recognizing sadistic practices of profession under Nazis

<https://www.theguardian.com/world/2025/oct/30/german-dentists-memorial-recognising-sadistic-practices-under-nazis>

James Vanderbilt's 'Nuremberg' explores the human horror in a Nazi leader's story

<https://www.npr.org/2025/11/11/nx-s1-5487719/nuremberg-james-vanderbilt>

Ken Burns' 'American Revolution' will make you think differently about U.S. history

<https://www.npr.org/2025/11/12/nx-s1-5606359/ken-burns-american-revolution-review>

The U.S. just produced its last penny after a more than 200-year run

<https://www.npr.org/2025/05/22/nx-s1-5407493/no-more-pennies-one-cent-treasury-stop-minting>

80 years later, a Holocaust survivor meets an American soldier who helped free him

<https://www.npr.org/2025/06/30/nx-s1-5423692/world-war-ii-reunion-holocaust-liberation-buchenwald-nazis>

All roads in ancient Rome stretched far longer than previously known, study shows

[https://www.nbcnews.com/world/italy/roads-ancient-rome-stretched-far-longer-previously-known-study-shows-](https://www.nbcnews.com/world/italy/roads-ancient-rome-stretched-far-longer-previously-known-study-shows-rcna242518?cid=sm_npd_nn_fb_ma&utm_campaign=trueanthem&utm_medium=social&utm_source=facebook&fbclid=IwDGRzaAN8LdRleHRuA2FlbQlXMQBzcnRjBmFwcF9pZAwzNTA2ODU1MzE3MjgAAR63R9tQv3zEBWIEFlseiDRPImpXALt5r8Q0ff7xavNt_7sFJ8kyuvk7DZBe_w_aem_p_2WvYpilsrlskbxmYtqdMQ&branch_match_id=1514831974715696975&branch_referrer=H4slA_AAAAAAAwXB226CMAAA0L%2FZm1J1E7bELOAwSGwXAsrlhbS1hQpCbRuLPOzbd05rjNRfijMQOjCr11jKZS%2BGzkE%2FKapMvHUL8s0J7cV1d7RV0QLSoLbKwR5moU83MSht1dlo4DhPIJzPFt2aFcrghObju%2B%2BHzABOzqdPb%2FvlGjSUzQ2IHvFj4vduwzXIYo2Cy9XM%2BELN0h5DJX6%2BLXrpHh6NWb3Wq7zZyIFr1WvOzLdS%2FO4wuTtTzHOIBJDUXM1Ws3U7oApl%2BPY%2FQOGpdtr1AAAAA%3D%3D&sfnsn=mo)

[rcna242518?cid=sm_npd_nn_fb_ma&utm_campaign=trueanthem&utm_medium=social&utm_source=facebook&fbclid=IwDGRzaAN8LdRleHRuA2FlbQlXMQBzcnRjBmFwcF9pZAwzNTA2ODU1MzE3MjgAAR63R9tQv3zEBWIEFlseiDRPImpXALt5r8Q0ff7xavNt_7sFJ8kyuvk7DZBe_w_aem_p_2WvYpilsrlskbxmYtqdMQ&branch_match_id=1514831974715696975&branch_referrer=H4slA_AAAAAAAwXB226CMAAA0L%2FZm1J1E7bELOAwSGwXAsrlhbS1hQpCbRuLPOzbd05rjNRfijMQOjCr11jKZS%2BGzkE%2FKapMvHUL8s0J7cV1d7RV0QLSoLbKwR5moU83MSht1dlo4DhPIJzPFt2aFcrghObju%2B%2BHzABOzqdPb%2FvlGjSUzQ2IHvFj4vduwzXIYo2Cy9XM%2BELN0h5DJX6%2BLXrpHh6NWb3Wq7zZyIFr1WvOzLdS%2FO4wuTtTzHOIBJDUXM1Ws3U7oApl%2BPY%2FQOGpdtr1AAAAA%3D%3D&sfnsn=mo](https://www.nbcnews.com/world/italy/roads-ancient-rome-stretched-far-longer-previously-known-study-shows-rcna242518?cid=sm_npd_nn_fb_ma&utm_campaign=trueanthem&utm_medium=social&utm_source=facebook&fbclid=IwDGRzaAN8LdRleHRuA2FlbQlXMQBzcnRjBmFwcF9pZAwzNTA2ODU1MzE3MjgAAR63R9tQv3zEBWIEFlseiDRPImpXALt5r8Q0ff7xavNt_7sFJ8kyuvk7DZBe_w_aem_p_2WvYpilsrlskbxmYtqdMQ&branch_match_id=1514831974715696975&branch_referrer=H4slA_AAAAAAAwXB226CMAAA0L%2FZm1J1E7bELOAwSGwXAsrlhbS1hQpCbRuLPOzbd05rjNRfijMQOjCr11jKZS%2BGzkE%2FKapMvHUL8s0J7cV1d7RV0QLSoLbKwR5moU83MSht1dlo4DhPIJzPFt2aFcrghObju%2B%2BHzABOzqdPb%2FvlGjSUzQ2IHvFj4vduwzXIYo2Cy9XM%2BELN0h5DJX6%2BLXrpHh6NWb3Wq7zZyIFr1WvOzLdS%2FO4wuTtTzHOIBJDUXM1Ws3U7oApl%2BPY%2FQOGpdtr1AAAAA%3D%3D&sfnsn=mo)

Should Hitler's DNA have been studied – or just left alone?

https://www.bbc.com/news/articles/c5ylw4pz83do?at_campaign_type=owned&at_campaign=Social_Flow&at_link_type=web_link&at_link_id=962416D6-C1FE-11F0-833A-AF7AD8506405&at_medium=social&at_link_origin=BBC_News&at_bbc_team=editorial&at_ptr_name=facebook_page&at_format=link&fbclid=IwDGRzaAOFva9jbGNrA4W94WV4dG4DYVWtAjExAHNyDGMGYXBwX2lkDDM1MDY4NTUzMTcyOAHjYWxscl0ZQlyNQABHjUD1sy35Qoiy5W1KqrSHN7xRDP-zfIJpcZojsXbGpLcsToHHW4Lkf17Ev_aem_ZLJxr55oFzda6IriJiH-pQ&sfnsn=mo

The Dionne Quintuplets Captivated the World During the Great Depression. But Their Fame Came at a Cost

https://www.smithsonianmag.com/history/the-dionne-quintuplets-captivated-the-world-during-the-great-depression-but-their-fame-came-at-a-cost-180987411/?utm_source=smithsonianmag&utm_medium=email&utm_campaign=editorial&lctg=98054053

Iconic Andean monument may have been used for Indigenous accounting

<https://phys.org/news/2025-11-iconic-andean-monument-indigenous-accounting.html>

The True Story Behind 'Nuremberg,' a WWII Drama About Hermann Göring's Cat-and-Mouse Game With an American Psychiatrist

<https://www.smithsonianmag.com/history/the-true-story-behind-nuremberg-a-wwii-drama-about-hermann-gorings-cat-and-mouse-game-with-an-american-psychiatrist-180987621/>

Elderly Jews Were Among the Most Likely to Die in the Holocaust. Why Has History Forgotten About the Genocide's Oldest Victims?

<https://www.smithsonianmag.com/smart-news/elderly-jews-were-among-the-most-likely-to-die-in-the-holocaust-why-has-history-forgotten-about-the-genocides-oldest-victims-180987666/>

The Real Story Behind Netflix's 'Death by Lightning' and the Shocking Assassination of President James A. Garfield

<https://www.smithsonianmag.com/history/the-real-story-behind-netflixs-death-by-lightning-and-the-shocking-assassination-of-president-james-a-garfield-180987598/>

How This Italian Town Came to Be Known as the 'City of Witches'

<https://www.smithsonianmag.com/travel/how-this-italian-town-came-to-be-known-as-the-city-of-witches-180987599/>

U.S. Spy Agency Releases Amelia Earhart Records

<https://www.scientificamerican.com/article/amelia-earhart-records-released-by-u-s-spy-agency/>

Archaeology

Archaeologists Decipher Crumbling Hieroglyphs to Reveal the Name of a Forgotten Maya Queen Who Ruled 1,400 Years Ago

https://www.smithsonianmag.com/smart-news/archaeologists-decipher-crumbling-hieroglyphs-to-reveal-the-name-of-a-forgotten-mayan-queen-who-ruled-1400-years-ago-180987582/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053

Archaeologists discover 24 new graves at Tulsa's Oaklawn Cemetery

https://www.newson6.com/story/68f7814c4b19a93e826954b4/24-new-graves-tulsa-oaklawn-cemetery?fbclid=IwDGRzaANsRcljBGNrA2xF92V4dG4DYWVtAjExAAEekGw8LylgwSSi5lpNV6o_tHjC8jRJMg9qP8NRs4XCpU6L7VDFnX1JXMYlpTo_aem_XDbE85GGna70rJRVg1Th7Q&sfnsm=mo

Thieves steal Roman statues from Syria's national museum

https://apnews.com/article/syria-stolen-antiquities-museum-damascus-7fd83c4e63666f2ecd018845ecac9376?utm_campaign=TrueAnthem&utm_medium=AP&utm_source=Facebook&fbclid=IwDGRzaAOAAF5leHRuA2FibQlXMQBzcnRjBmFwCF9pZAwzNTA2ODU1MzE3MjgAAR4ZXLV2S_zrdw-ND1lI51qZcWpp5nojg66xVxCzHiPJUqboJY3srH_H3Hduw_aem_vIS88LnHGM9E45kXU_77XA&sfnsm=mo

The rise and fall of a Harappan city

https://frontline.thehindu.com/other/article30180719.ece?fbclid=IwDGRzaAN2LhxleHRuA2FibQlXMQABHtxQp0sxJS9R5H4zqRLxNFmt7TMW6y3fwwUkAcxuKvefuTZww5etv042xq_M_aem_4jP8XHI_R4jf0iqzTeg6p1A&sfnsm=mo

Did Easter Island's Mysterious Moai Statues Waddle to Their Final Locations? Here's What That May Have Looked Like

https://www.smithsonianmag.com/smart-news/did-easter-islands-mysterious-moai-statues-waddle-to-their-final-locations-heres-what-that-may-have-looked-like-180987569/?utm_source=smithsoniandaily&utm_medium=email&utm_campaign=editorial&lctg=98054053

5,000-year old 'cultic space' discovered in Iraq dates to time of the world's first cities

<https://www.livescience.com/archaeology/5-000-year-old-cultic-space-discovered-in-iraq-dates-to-time-of-the-worlds-first-cities>

First scientific evidence of Black Death in Edinburgh found on skeleton

<https://www.bbc.com/news/articles/c2kpz2vnqqlo>

Massive 3,000-year-old Maya site in Mexico depicts the cosmos and the 'order of the universe,' study claims

<https://www.livescience.com/archaeology/massive-3-000-year-old-maya-site-in-mexico-depicts-the-cosmos-and-the-order-of-the-universe-study-claims>

Cold case solved: Team confirms identity of medieval duke from Árpád and Rurik dynasties

<https://phys.org/news/2025-11-cold-case-team-identity-medieval.html>

2,300-year-old tool used for skull surgery unearthed at Celtic settlement in Poland

<https://www.livescience.com/archaeology/2-300-year-old-tool-used-for-skull-surgery-unearthed-at-celtic-settlement-in-poland>

Prehistoric tomb discovered in south China's island province

<https://english.news.cn/20251110/30164df36fa54d62be6b1576ceaa4aa6/c.html>

Archaeologists Excavating a Roman Fort in Britain Discovered a Rare Red Gemstone Engraved With a Surprising Design

<https://www.smithsonianmag.com/smart-news/archaeologists-excavating-roman-fort-britain-discovered-rare-rred-gemstone-engraved-with-surprising-design-180987674/>

Archaeologists discover 1,500-year-old reindeer trap and other artifacts 'melting out of the ice' in Norway's mountains

<https://www.livescience.com/archaeology/archaeologists-discover-1-500-year-old-reindeer-trap-and-other-artifacts-melting-out-of-the-ice-in-norways-mountains>

Bronze Age Mycenaean Road Network Reconstructed Using Advanced Digital Mapping

<https://greekreporter.com/2025/11/14/mycenaean-road-network-advanced-digital-mapping/>

Dig uncovers secrets of first public railway

<https://www.bbc.com/news/articles/c74je9d1l8xo>

Egyptology

Egypt's vast \$1bn museum to open in Cairo after two-decade build

<https://www.theguardian.com/world/2025/oct/31/egypts-vast-1bn-museum-to-open-in-cairo-after-two-decade-build>

Egyptologist Reveals Mysterious Messages Hidden in the Hieroglyphics on a 3,000-Year-Old Obelisk

https://www.smithsonianmag.com/smart-news/egyptologist-reveals-mysterious-messages-hidden-in-the-hieroglyphics-on-a-3000-year-old-obelisk-180986531/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=5102025&utm_content=recent&fbclid=IwDGRzaANsiKlleHRuA2FlbQIxMQABHpK1Ua0hfQwPx5fJ09kprehdbW1E32yCNkS6daizMfoN8v0aUV-JfEYPDZN2_aem_Ol-YvO-cMx6UABRPyvcRw

Ancient Egypt's Gold: New Revelations Rewrite the Boom That Built an Empire

<https://greekreporter.com/2025/11/05/ancient-egypt-gold-built-empire/>

Opium use in ancient Egypt: Alabaster vase residue points to widespread use

https://phys.org/news/2025-11-opium-ancient-egypt-alabaster-vase.html#google_vignette

Scientists Scan Egypt's Menkaure Pyramid with High-Tech Tools

<https://archaeology.org/news/2025/11/13/scientists-scan-egypts-menkaure-pyramid-with-high-tech-tools/>

General Science

Influential list of highly cited researchers now shuts out more scientists: here's why
<https://www.nature.com/articles/d41586-025-03691-4>

Physics, Earth and Space Sciences

Japan launches advanced new cargo spacecraft to ISS for 1st time

<https://www.space.com/space-exploration/launches-spacecraft/watch-japans-advanced-new-cargo-spacecraft-launch-to-the-iss-for-the-1st-time-today>

'No spacecraft would survive': Europe simulates catastrophic solar storm to warn of real risks

<https://www.space.com/astronomy/no-spacecraft-would-survive-europe-simulates-catastrophic-solar-storm-to-warn-of-real-risks>

Interstellar invader Comet 3I/ATLAS is still full of surprises — an unexpected brightening has scientists baffled

<https://www.space.com/astronomy/comets/interstellar-invader-comet-3i-atlas-is-still-full-of-surprises-an-unexpected-brightening-has-scientists-baffled>

New laser drill could help scientists explore ice-covered worlds like Jupiter's ocean moon Europa

<https://www.space.com/space-exploration/new-laser-drill-could-help-scientists-explore-ice-covered-worlds-like-jupiters-ocean-moon-europa>

The International Space Station marks 25 years of nonstop human presence in orbit

<https://apnews.com/article/international-space-station-nasa-b9d0e23a04c0c047887b3d7eeef65c9f>

'Ghost particles' can zoom through you without a trace. Scientists are getting to the bottom of this cosmic mystery

<https://www.space.com/science/particle-physics/ghost-particles-can-zoom-through-you-without-a-trace-scientists-are-getting-to-the-bottom-of-this-cosmic-mystery>

Mathematical proof debunks the idea that the universe is a computer simulation

https://phys.org/news/2025-10-mathematical-proof-debunks-idea-universe.html#google_vignette

"Fireball meteor" lights up skies across Minnesota, Wisconsin

<https://www.cbsnews.com/minnesota/news/possible-meteor-spotted-across-minnesota/>

SpaceX launches 100th Starlink mission of 2025

<https://www.space.com/space-exploration/launches-spacecraft/spacex-100th-starlink-satellite-launch-2025>

Astronomers discover 2nd fastest asteroid in the solar system hiding in the sun's glare

<https://www.space.com/astronomy/asteroids/astronomers-discover-2nd-fastest-asteroid-in-the-solar-system-hiding-in-the-suns-glare>

Can Mars' ice confirm past life?

<https://www.astronomy.com/science/can-mars-ice-confirm-past-life/>

Sorry, but interstellar visitor 3I/ATLAS really is a comet, not aliens

https://www.newscientist.com/article/2502329-sorry-but-interstellar-visitor-3i-atlas-really-is-a-comet-not-aliens/?utm_term=Autofeed&utm_campaign=echobox&utm_medium=social&utm_source=Facebook&fbclid=IwDGRzaANw7ndleHRuA2FlbQlxMQABHnFin5ZGJszoufQE0gerexwwaTmg8zXCaHhVncmDxJ_McZzsHtN_Tq0b2zH8_aem_IJAWNbviHJ3NfmYHZQp8Eg&sfnsn=mo

Stranded astronauts 'in good condition' after space debris delays planned return

<https://apnews.com/article/china-astronauts-return-earth-1c39be8ca0d2670d07aa76df5472d9e7>

Astronomers discover the famous Pleiades star cluster could be 20 times bigger than we thought
<https://www.space.com/astronomy/astronomers-discover-the-famous-pleiades-star-cluster-could-be-20-times-bigger-than-we-thought>

New 'exosuit' with artificial muscles could help astronauts explore the moon and Mars
<https://www.space.com/space-exploration/human-spaceflight/new-exosuit-with-artificial-muscles-could-help-astronauts-explore-the-moon-and-mars>

The First Radio Signal From Comet 3I/Atlas Ends the Debate About Its Nature
<https://www.wired.com/story/the-first-radio-signal-from-comet-3i-atlas-ends-debate-about-its-nature/>

Key antenna in NASA's Deep Space Network damaged
<https://spacenews.com/key-antenna-in-nasas-deep-space-network-damaged/>

ESA's sun spacecraft captures 1st close-up of our star's magnetic engine in motion
<https://www.space.com/astronomy/sun/esas-sun-spacecraft-captures-1st-close-up-of-our-stars-magnetic-engine-in-motion>

Breakup of ancient supercontinent Nuna created 'incubators' for complex life, study finds
<https://www.livescience.com/planet-earth/geology/breakup-of-ancient-supercontinent-nuna-created-incubators-for-complex-life-study-finds>

How a scientific mistake from the 1970s derailed Mars exploration
<https://bigthink.com/hard-science/how-a-scientific-mistake-from-the-1970s-derailed-mars-exploration/>

For the first time, physicists peer inside the nucleus of a molecule using electrons as a probe
<https://www.livescience.com/physics-mathematics/particle-physics/for-the-first-time-physicists-peer-inside-the-nucleus-of-a-molecule-using-electrons-as-a-probe>

Does quantum gravity exist? A new experiment has deepened the mystery
<https://www.space.com/astronomy/does-quantum-gravity-exist-a-new-experiment-has-deepened-the-mystery>

Can you still do good astrophotography on a 14 year old DSLR?
<https://www.space.com/stargazing/skywatching-kit/can-you-still-do-good-astrophotography-on-a-14-year-old-dslr>

Blue Origin will "move heaven and Earth" to help NASA reach the Moon faster, CEO says
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