

# Weekly Science Report

September 20, 2024

**“For I dipt into the future, far as human eye could see, saw the vision of the world, and all the wonder that would be.”**

Alfred Lord Tennyson

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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

Archaeologists discover an ancient Neanderthal lineage that remained isolated for over 50,000 years

[https://phys.org/news/2024-09-archaeologists-ancient-neanderthal-lineage-isolated.html?fbclid=IwY2xjawFOoCJleHRuA2FlbQlxMQABHRWNJjfE4wV-zQBRb7z0TrUFKhPSLCnf9F1nXxWC7Zd-pKnsMFdoxAFsg\\_aem\\_trlts-MJDp44kVgs8PE8pQ#google\\_vignette](https://phys.org/news/2024-09-archaeologists-ancient-neanderthal-lineage-isolated.html?fbclid=IwY2xjawFOoCJleHRuA2FlbQlxMQABHRWNJjfE4wV-zQBRb7z0TrUFKhPSLCnf9F1nXxWC7Zd-pKnsMFdoxAFsg_aem_trlts-MJDp44kVgs8PE8pQ#google_vignette)

16,000-year-old skeleton, crystals and stone tools discovered in Malaysian caves

[https://www.livescience.com/archaeology/16-000-year-old-skeleton-crystals-and-stone-tools-discovered-in-malaysian-caves?utm\\_campaign=socialflow&utm\\_medium=social&utm\\_source=facebook.com&utm\\_content=livescience&fbclid=IwY2xjawFVBEpleHRuA2FlbQlxMQABHV6Ldcz\\_P2gTi0\\_fkQK74GDRgliaqJ93xOIS\\_soneOvorKEJYih2HkQFQ\\_aem\\_k4JNLkpyBtl1neca0Wtcsq](https://www.livescience.com/archaeology/16-000-year-old-skeleton-crystals-and-stone-tools-discovered-in-malaysian-caves?utm_campaign=socialflow&utm_medium=social&utm_source=facebook.com&utm_content=livescience&fbclid=IwY2xjawFVBEpleHRuA2FlbQlxMQABHV6Ldcz_P2gTi0_fkQK74GDRgliaqJ93xOIS_soneOvorKEJYih2HkQFQ_aem_k4JNLkpyBtl1neca0Wtcsq)

Scientists explore origins of horseback riding through human skeletons

[https://phys.org/news/2024-09-scientists-explore-horseback-human-skeletons.html#google\\_vignette](https://phys.org/news/2024-09-scientists-explore-horseback-human-skeletons.html#google_vignette)

Was a lack of get-up-and-go the death of the Neanderthals?

<https://phys.org/news/2024-09-lack-death-neanderthals.html>

South African rock art possibly inspired by long-extinct species, suggests research

<https://phys.org/news/2024-09-south-african-art-possibly-extinct.html>

10,000-year-old human DNA provides insights into South African population history

<https://phys.org/news/2024-09-year-human-dna-insights-south.html>

## History

Winston Churchill portrait stolen from Château Laurier recovered by Ottawa police — in Italy  
<https://www.cbc.ca/news/world/winston-churchill-photo-yousuf-karsh-stolen-found-1.7318661>

A new sculpture takes its place at the national World War I Memorial in D.C.  
<https://www.npr.org/2024/09/13/nx-s1-5111429/world-war-i-memorial-sculpture-washington-dc>

From Sprites to Schnapps, Take a Spirited Trip Through Germany's Black Forest  
[https://www.smithsonianmag.com/travel/from-sprites-to-schnaps-take-a-spirited-trip-through-germanys-black-forest-180984950/?utm\\_medium=social&utm\\_source=facebook&utm\\_campaign=editorial&utm\\_term=9162024&utm\\_content=recent&fbclid=IwY2xjawFVBLhleHRuA2FibQIxMQABHS9pAkJPGpnQWrnXVZ4t1y1J8vKe9FAJ6QPrOcXm2SPMxZ4NLJsKshyGIA\\_aem\\_8zF-zmjYmav\\_aJTez8ZmAg](https://www.smithsonianmag.com/travel/from-sprites-to-schnaps-take-a-spirited-trip-through-germanys-black-forest-180984950/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=9162024&utm_content=recent&fbclid=IwY2xjawFVBLhleHRuA2FibQIxMQABHS9pAkJPGpnQWrnXVZ4t1y1J8vKe9FAJ6QPrOcXm2SPMxZ4NLJsKshyGIA_aem_8zF-zmjYmav_aJTez8ZmAg)

Easter Island's population never collapsed, but it did have contact with Native Americans, DNA study suggests  
[https://www.livescience.com/archaeology/easter-islands-population-never-collapsed-but-it-did-have-contact-with-native-americans-dna-study-suggests?utm\\_medium=social&utm\\_content=livescience&utm\\_source=facebook.com&utm\\_campaign=socialflow&fbclid=IwY2xjawFVA2tleHRuA2FibQIxMQABHXIOQ9yTbCCIPiWSeUWsTcJw0YUUJoBWwtewAFUKJTk1cYY5wdkiPJxbQg\\_aem\\_Aewwzuz2q-MpZs9dR3NTGA](https://www.livescience.com/archaeology/easter-islands-population-never-collapsed-but-it-did-have-contact-with-native-americans-dna-study-suggests?utm_medium=social&utm_content=livescience&utm_source=facebook.com&utm_campaign=socialflow&fbclid=IwY2xjawFVA2tleHRuA2FibQIxMQABHXIOQ9yTbCCIPiWSeUWsTcJw0YUUJoBWwtewAFUKJTk1cYY5wdkiPJxbQg_aem_Aewwzuz2q-MpZs9dR3NTGA)

Why 'Glory' Still Resonates More Than Three Decades Later  
[https://www.smithsonianmag.com/history/why-glory-still-resonates-more-three-decades-later-180975794/?utm\\_medium=social&utm\\_source=facebook&utm\\_campaign=editorial&utm\\_term=9172024&utm\\_content=archival&fbclid=IwY2xjawFWX0FleHRuA2FibQIxMQABHZOd\\_nkmleCEMvlEb6RvV-P4iwf7V2xn0vYosQhobDeOrj0Dq93MaeKv\\_g\\_aem\\_lhlyHYI4IYUvMkI9RQI5\\_Q](https://www.smithsonianmag.com/history/why-glory-still-resonates-more-three-decades-later-180975794/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=9172024&utm_content=archival&fbclid=IwY2xjawFWX0FleHRuA2FibQIxMQABHZOd_nkmleCEMvlEb6RvV-P4iwf7V2xn0vYosQhobDeOrj0Dq93MaeKv_g_aem_lhlyHYI4IYUvMkI9RQI5_Q)

Home from Carlisle: A father's wish fulfilled after more than 130 years  
[https://ictnews.org/news/home-from-carlisle-a-fathers-wish-fulfilled-after-more-than-130-years?fbclid=IwY2xjawFXthRleHRuA2FibQIxMQABHQieE3haelO0djC7X2SqYcY3MX8I3mf7VIQ3yp9Z0LO97t55vvNIU\\_2Aj-Q\\_aem\\_vvHtgLM-VW0BwomLI3eEgq](https://ictnews.org/news/home-from-carlisle-a-fathers-wish-fulfilled-after-more-than-130-years?fbclid=IwY2xjawFXthRleHRuA2FibQIxMQABHQieE3haelO0djC7X2SqYcY3MX8I3mf7VIQ3yp9Z0LO97t55vvNIU_2Aj-Q_aem_vvHtgLM-VW0BwomLI3eEgq)

Great Smoky Mountains' highest peak reclaims Cherokee name after 150 years  
[https://www.fox5ny.com/news/great-smoky-mountains-highest-peak-rename?utm\\_campaign=trueanthem&utm\\_medium=trueanthem&utm\\_source=facebook&fbclid=IwY2xjawFZZWpleHRuA2FibQIxMQABHXIRPCo0tmvCeTrJ31ZgP3fUYV6SpgMoFxEeRnnShOaV-pPOBmqYHpNgg\\_aem\\_Qg807Y7grmCZHimch\\_ailA](https://www.fox5ny.com/news/great-smoky-mountains-highest-peak-rename?utm_campaign=trueanthem&utm_medium=trueanthem&utm_source=facebook&fbclid=IwY2xjawFZZWpleHRuA2FibQIxMQABHXIRPCo0tmvCeTrJ31ZgP3fUYV6SpgMoFxEeRnnShOaV-pPOBmqYHpNgg_aem_Qg807Y7grmCZHimch_ailA)

Government used Agent Orange on Nevada reservation  
[https://ictnews.org/news/government-used-agent-orange-on-nevada-reservation?fbclid=IwY2xjawFS9u1leHRuA2FibQIxMQABHSpq9zQUdpTf\\_fNHI9bWtmNhalfzZ2jHr741nXiXNqMNErPCAKwd88RtLQ\\_aem\\_SUk4Un4r-V6WifX42cXepA&sfnsn=mo](https://ictnews.org/news/government-used-agent-orange-on-nevada-reservation?fbclid=IwY2xjawFS9u1leHRuA2FibQIxMQABHSpq9zQUdpTf_fNHI9bWtmNhalfzZ2jHr741nXiXNqMNErPCAKwd88RtLQ_aem_SUk4Un4r-V6WifX42cXepA&sfnsn=mo)

WWI shipwreck likely found, solving "107-year-old maritime mystery," offshore wind company says  
<https://www.cbsnews.com/news/ss-tobol-ww1-offshore-wind-north-sea-scotland/>

Did Roman gladiators really fight to the death?  
<https://www.livescience.com/archaeology/romans/did-roman-gladiators-really-fight-to-the-death>

Why Japan's Shogun Executed Dozens of Christians During the Great Genna Martyrdom of 1622  
<https://www.smithsonianmag.com/history/why-japans-shogun-executed-dozens-christians-great-genna-martyrdom-1622-180985023/>

When a Trailblazing Suffragist and a Crusading Prosecutor Teamed Up to Expose an Election Conspiracy

<https://www.smithsonianmag.com/history/trailblazing-suffragist-crusading-prosecutor-teamed-up-expose-election-conspiracy-180984903/>

A Century Ago, a Mob Brutally Attacked an American Diplomat in Persia. His Death Shaped U.S. - Iran Relations for Decades

<https://www.smithsonianmag.com/history/a-century-ago-a-mob-brutally-attacked-an-american-diplomat-in-persia-his-death-shaped-us-iran-relations-for-decades-180985016/>

The Sinking of the USS Indianapolis Triggered the Worst Shark Attack in History

<https://www.smithsonianmag.com/history/sinking-uss-indianapolis-triggered-worst-shark-attack-history-25715092/>

## Archaeology

Archaeologists challenge theory of violent Steppe invasion in Iberia Peninsula

[https://phys.org/news/2024-09-archaeologists-theory-violent-steppe-invasion.html?fbclid=IwY2xjawFNHGdIeHRuA2FibQIxMQABHWjL73v\\_0H5Gh9ie\\_XCp773IOeqbKJj2K70bKyKvHaDGBNRCUUt4j54FQg\\_aem\\_VmaKEJNcOIGnKhEUQi5g1A](https://phys.org/news/2024-09-archaeologists-theory-violent-steppe-invasion.html?fbclid=IwY2xjawFNHGdIeHRuA2FibQIxMQABHWjL73v_0H5Gh9ie_XCp773IOeqbKJj2K70bKyKvHaDGBNRCUUt4j54FQg_aem_VmaKEJNcOIGnKhEUQi5g1A)

Archaeologists suggest Neolithic Scandinavians may have used skin boats to hunt, travel and trade

[https://phys.org/news/2024-09-archaeologists-neolithic-scandinavians-skin-boats.html?fbclid=IwY2xjawFNKNVleHRuA2FibQIxMQABHQTjB54gkYUJUUt1dDRCCvRdBPxqmQhqCqStUXzYV\\_ISQJMTcJ2a\\_mXLaLw\\_aem\\_0I17oyPS9odBf3vVOtxyXw](https://phys.org/news/2024-09-archaeologists-neolithic-scandinavians-skin-boats.html?fbclid=IwY2xjawFNKNVleHRuA2FibQIxMQABHQTjB54gkYUJUUt1dDRCCvRdBPxqmQhqCqStUXzYV_ISQJMTcJ2a_mXLaLw_aem_0I17oyPS9odBf3vVOtxyXw)

'Sensational discovery' of 2,000-year-old Roman military camp found hidden in the Swiss Alps

[https://www.livescience.com/archaeology/romans/sensational-discovery-of-2000-year-old-roman-military-camp-found-hidden-in-the-swiss-alps?utm\\_medium=social&utm\\_content=livescience&utm\\_source=facebook.com&utm\\_campaign=socialflow&fbclid=IwY2xjawFVBP9leHRuA2FibQIxMQABHRI9x4UfS1L-gvaDwDtwqlg1k58E2FbD06u2N\\_bBfAvmYIBTKuPbRBg8A\\_aem\\_upN1OSrDNt\\_3-twG8i-Pow](https://www.livescience.com/archaeology/romans/sensational-discovery-of-2000-year-old-roman-military-camp-found-hidden-in-the-swiss-alps?utm_medium=social&utm_content=livescience&utm_source=facebook.com&utm_campaign=socialflow&fbclid=IwY2xjawFVBP9leHRuA2FibQIxMQABHRI9x4UfS1L-gvaDwDtwqlg1k58E2FbD06u2N_bBfAvmYIBTKuPbRBg8A_aem_upN1OSrDNt_3-twG8i-Pow)

'Remarkable' 1,000-year-old ring from Scotland's 'painted people' found at destroyed fort

[https://www.livescience.com/archaeology/remarkable-1000-year-old-ring-from-scotlands-painted-people-found-at-destroyed-fort?utm\\_content=livescience&utm\\_medium=social&utm\\_source=facebook.com&utm\\_campaign=socialflow&fbclid=IwY2xjawFVBDVleHRuA2FibQIxMQABHS8Y13TBFfQO60dn9nYwecma2QyxX60VaBpGeTnPUQgNe9qmmJhTBqGGRA\\_aem\\_MZ60\\_hueRws1h8pGK217Ug](https://www.livescience.com/archaeology/remarkable-1000-year-old-ring-from-scotlands-painted-people-found-at-destroyed-fort?utm_content=livescience&utm_medium=social&utm_source=facebook.com&utm_campaign=socialflow&fbclid=IwY2xjawFVBDVleHRuA2FibQIxMQABHS8Y13TBFfQO60dn9nYwecma2QyxX60VaBpGeTnPUQgNe9qmmJhTBqGGRA_aem_MZ60_hueRws1h8pGK217Ug)

Babylonian Map of the World: The oldest known map of the ancient world

[https://www.livescience.com/archaeology/babylonian-map-of-the-world-the-oldest-known-map-of-the-ancient-world?utm\\_source=facebook.com&utm\\_campaign=socialflow&utm\\_content=livescience&utm\\_medium=social&fbclid=IwY2xjawFVKOZleHRuA2FibQIxMQABHZBfT6dpA\\_FYWYDXvBw8ZqGTE9\\_5ogzXcFwA3XUsGeM3yAHX78B9x6muw\\_aem\\_oldsQMslf\\_vWzMhilFsyZQ](https://www.livescience.com/archaeology/babylonian-map-of-the-world-the-oldest-known-map-of-the-ancient-world?utm_source=facebook.com&utm_campaign=socialflow&utm_content=livescience&utm_medium=social&fbclid=IwY2xjawFVKOZleHRuA2FibQIxMQABHZBfT6dpA_FYWYDXvBw8ZqGTE9_5ogzXcFwA3XUsGeM3yAHX78B9x6muw_aem_oldsQMslf_vWzMhilFsyZQ)

Centuries-old "cold case" mystery of poet buried in Notre Dame may be solved, researchers say

[https://www.cbsnews.com/news/notre-dame-dead-poet-joachim-de-bellay-mystery-may-be-solved-researchers/?ftag=CNM-00-10aab6a&linkId=593785207&fbclid=IwY2xjawFXz1pleHRuA2FibQIxMQABHbAOWh7axlQ10VE6L7QEqlCOJpEywUbYjc-MwSa8EJLjgS5S8kn3pZqOeA\\_aem\\_GARARgzhdoe\\_7G6\\_wG02g](https://www.cbsnews.com/news/notre-dame-dead-poet-joachim-de-bellay-mystery-may-be-solved-researchers/?ftag=CNM-00-10aab6a&linkId=593785207&fbclid=IwY2xjawFXz1pleHRuA2FibQIxMQABHbAOWh7axlQ10VE6L7QEqlCOJpEywUbYjc-MwSa8EJLjgS5S8kn3pZqOeA_aem_GARARgzhdoe_7G6_wG02g)

Low Water Levels Reveal Sunken Nazi Ships Full of Unexploded Munitions in the Danube River

[https://www.smithsonianmag.com/smart-news/low-water-levels-reveal-sunken-nazi-ships-full-of-unexploded-munitions-in-the-danube-river-180985097/?utm\\_medium=social&utm\\_source=facebook&utm\\_campaign=editorial&utm\\_term=9192024&utm\\_content=new&fbclid=IwY2xjawFZgvFleHRuA2FibQIxMQABHXIKxp1bJKIL0Qi-gPyPt6AKTglant2F9h\\_SKnB\\_ypVsKPI4iujqbOGFyw\\_aem\\_gmOWtn4wZkTTe9ZdjKEefw](https://www.smithsonianmag.com/smart-news/low-water-levels-reveal-sunken-nazi-ships-full-of-unexploded-munitions-in-the-danube-river-180985097/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=9192024&utm_content=new&fbclid=IwY2xjawFZgvFleHRuA2FibQIxMQABHXIKxp1bJKIL0Qi-gPyPt6AKTglant2F9h_SKnB_ypVsKPI4iujqbOGFyw_aem_gmOWtn4wZkTTe9ZdjKEefw)

Lost Treasures From the Thames Will Go on View at the London Museum

<https://news.artnet.com/art-world/lost-treasures-thames-mudlarking-london-museum-2539400>

Archaeologists finally solve mystery behind oldest tombstone in US belonging to English knight

<https://www.independent.co.uk/news/science/archaeology/us-oldest-tombstone-english-knight-belgium-b2616020.html>

Recent study into ancient Chinese oracle bones highlights how AI is changing archaeology  
<https://www.scmp.com/news/people-culture/article/3278486/recent-study-ancient-chinese-oracle-bones-highlights-how-ai-changing-archaeology>

Archaeologists study submerged Nabataean temple  
<https://www.heritagedaily.com/2024/09/archaeologists-study-submerged-nabataean-temple/153438>

The stone-eaters that threaten Iran's ancient Persepolis  
[https://phys.org/news/2024-09-stone-eaters-threaten-iran-ancient.html#google\\_vignette](https://phys.org/news/2024-09-stone-eaters-threaten-iran-ancient.html#google_vignette)

New archaeology at abandoned Oregon town reveals hidden lives of Black logging families  
<https://www.opb.org/article/2024/09/17/maxville-archaeology-oregon-black-history/>

Researchers document Russian destruction of Ukrainian archaeological sites  
<https://phys.org/news/2024-09-document-russian-destruction-ukrainian-archaeological.html>

Message in a bottle, written 200 years ago by an archaeologist, found on a French cliff top  
<https://www.cbsnews.com/news/france-archaeologist-200-message-cliff-top-cite-de-limes/>

Third Roman head unearthed at cricket club dig  
<https://www.bbc.com/news/articles/cvgdpl2x93o>

Nine Mythical Places Archaeologists Think May Have Actually Existed  
<https://www.smithsonianmag.com/travel/nine-mythical-places-archaeologists-think-may-have-actually-existed-180984996/>

## Egyptology

Egyptian archaeologist calls on Berlin to return Nefertiti bust

<https://www.swissinfo.ch/eng/egyptian-archaeologist-calls-on-berlin-to-return-nefertiti-bust/87512444>

These Ancient Egyptian Barracks Paint a Vivid Picture of Military Life During the Reign of Ramses II

[https://www.smithsonianmag.com/smart-news/these-ancient-egyptian-barracks-paint-a-vivid-picture-of-military-life-during-the-reign-of-Ramses-ii-180985082/?utm\\_medium=social&utm\\_source=facebook&utm\\_campaign=editorial&utm\\_term=9182024&utm\\_content=new&fbclid=IwY2xjawFXoxleHRuA2FbQIxMQABHcqrMEUjZgIk4XDI5Fum2I\\_hDBB6BvbGVNvgXh66bONAorFvOTuNjztzPQ\\_aem\\_IISlrjMKNZ0XvkcZbYUTA](https://www.smithsonianmag.com/smart-news/these-ancient-egyptian-barracks-paint-a-vivid-picture-of-military-life-during-the-reign-of-Ramses-ii-180985082/?utm_medium=social&utm_source=facebook&utm_campaign=editorial&utm_term=9182024&utm_content=new&fbclid=IwY2xjawFXoxleHRuA2FbQIxMQABHcqrMEUjZgIk4XDI5Fum2I_hDBB6BvbGVNvgXh66bONAorFvOTuNjztzPQ_aem_IISlrjMKNZ0XvkcZbYUTA)

3000-year-old Egyptian fort that guarded kingdom against mysterious 'sea peoples' uncovered

<https://www.independent.co.uk/news/science/archaeology/ancient-egypt-sea-peoples-mediterranean-b2612312.html>

Edfu temple restoration project unveils ancient painted inscriptions for the first time

<https://english.ahram.org.eg/News/531849.aspx>



## General Science

Sri Lanka's presidential hopefuls back science and tech

[https://www.scidev.net/global/news/sri-lankas-presidential-hopefuls-back-science-and-tech/?utm\\_source=SciDev.Net&utm\\_medium=email&utm\\_campaign=14662689\\_2024-09-16%20Weekly%20Email%20Digest%20-%20Global%20Template.%20For%20no%20topic%20preferences&dm\\_i=1SCG,8Q9SX,V1AOM,109Q81,1](https://www.scidev.net/global/news/sri-lankas-presidential-hopefuls-back-science-and-tech/?utm_source=SciDev.Net&utm_medium=email&utm_campaign=14662689_2024-09-16%20Weekly%20Email%20Digest%20-%20Global%20Template.%20For%20no%20topic%20preferences&dm_i=1SCG,8Q9SX,V1AOM,109Q81,1)

'Their capacity to emulate human language and thought is immensely powerful': Far from ending the world, AI systems might actually save it

[https://www.livescience.com/technology/artificial-intelligence/their-capacity-to-emulate-human-language-and-thought-is-immensely-powerful-far-from-ending-the-world-ai-systems-might-actually-save-it?utm\\_content=livescience&utm\\_medium=social&utm\\_source=facebook.com&utm\\_campaign=socialflow&fbclid=IwY2xjawFXrG5leHRuA2FibQIxMQABHbGUqlgywRgCxMNis-7EKfNnk4nchN--EXb9p2c0\\_l5NXQ\\_t3Sy2-IHUtg\\_aem\\_116\\_rG14PZ3v7qdodxIQ5Q](https://www.livescience.com/technology/artificial-intelligence/their-capacity-to-emulate-human-language-and-thought-is-immensely-powerful-far-from-ending-the-world-ai-systems-might-actually-save-it?utm_content=livescience&utm_medium=social&utm_source=facebook.com&utm_campaign=socialflow&fbclid=IwY2xjawFXrG5leHRuA2FibQIxMQABHbGUqlgywRgCxMNis-7EKfNnk4nchN--EXb9p2c0_l5NXQ_t3Sy2-IHUtg_aem_116_rG14PZ3v7qdodxIQ5Q)

Three Mile Island is reopening and selling its power to Microsoft

[https://www.cnn.com/2024/09/20/energy/three-mile-island-microsoft-ai?Date=20240920&Profile=CNN&utm\\_content=1726839911&utm\\_medium=social&utm\\_source=facebook&fbclid=IwY2xjawFaXC9leHRuA2FibQIxMQABHcwWNEqC-sEvnqj3MqmKFdaByFA2rZol1uZZKopZQcUnQliCc1akbjN5-Q\\_aem\\_IJVEZl6-NrLfsgh20w-j-g](https://www.cnn.com/2024/09/20/energy/three-mile-island-microsoft-ai?Date=20240920&Profile=CNN&utm_content=1726839911&utm_medium=social&utm_source=facebook&fbclid=IwY2xjawFaXC9leHRuA2FibQIxMQABHcwWNEqC-sEvnqj3MqmKFdaByFA2rZol1uZZKopZQcUnQliCc1akbjN5-Q_aem_IJVEZl6-NrLfsgh20w-j-g)

## Physics, Earth and Space Sciences

Boeing's troubled Starliner makes safe return to Earth, after leaving its crew behind  
<https://www.cbsnews.com/news/boeing-starliner-leaves-crew-behind-returns-to-earth/>

SpaceX launches private mission that's expected to feature first all-civilian spacewalk  
<https://www.nbcnews.com/science/space/spacex-launches-private-mission-civilian-spacewalk-rca168436>

A long-lost moon could explain Mars' weird shape and extreme terrain  
[https://www.space.com/mars-long-lost-moon-weird-shape-extreme-terrain?utm\\_campaign=socialflow&utm\\_medium=social&utm\\_content=space.com&utm\\_source=facebook.com&fbclid=IwY2xjawFOgvxleHRuA2FibQIxMQABHf8-FwX4wer\\_D2RvMuFo9ZL2a6QwHDjNoy-0MxxRLqWjGKJ84r4UamFpDQ\\_aem\\_yeUEA6OGZ2xguF28ZrKmA](https://www.space.com/mars-long-lost-moon-weird-shape-extreme-terrain?utm_campaign=socialflow&utm_medium=social&utm_content=space.com&utm_source=facebook.com&fbclid=IwY2xjawFOgvxleHRuA2FibQIxMQABHf8-FwX4wer_D2RvMuFo9ZL2a6QwHDjNoy-0MxxRLqWjGKJ84r4UamFpDQ_aem_yeUEA6OGZ2xguF28ZrKmA)

Mystery of dwarf planet Ceres' origin may finally be solved, thanks to retired NASA spacecraft  
[https://www.space.com/dwarf-planet-ceres-origins-nasa-dawn-spacecraft?utm\\_medium=social&utm\\_content=space.com&utm\\_source=facebook.com&utm\\_campaign=socialflow&fbclid=IwY2xjawFP6hpleHRuA2FibQIxMQABHacB0zls3stXM1PzQdsSEcbEqJb-XarqQf-xB8JUTmgiFYTB6l-g2nDx1w\\_aem\\_p8SjrxYE8LZ0KeekEStfPA](https://www.space.com/dwarf-planet-ceres-origins-nasa-dawn-spacecraft?utm_medium=social&utm_content=space.com&utm_source=facebook.com&utm_campaign=socialflow&fbclid=IwY2xjawFP6hpleHRuA2FibQIxMQABHacB0zls3stXM1PzQdsSEcbEqJb-XarqQf-xB8JUTmgiFYTB6l-g2nDx1w_aem_p8SjrxYE8LZ0KeekEStfPA)

Watch SpaceX Polaris Dawn astronauts conduct 1st private spacewalk early Sept. 12  
[https://www.space.com/spacex-polaris-dawn-private-spacewalk-webcast?utm\\_content=space.com&utm\\_medium=social&utm\\_campaign=socialflow&utm\\_source=facebook.com&fbclid=IwY2xjawFP0zxleHRuA2FibQIxMQABHaYI\\_BSWgtdqNVV08gNEUVqDsWPMCY6vMQG-MeenU4xV87iHXWLQ3ArpPQ\\_aem\\_kH1ltzWkKDS5a495loYqIA](https://www.space.com/spacex-polaris-dawn-private-spacewalk-webcast?utm_content=space.com&utm_medium=social&utm_campaign=socialflow&utm_source=facebook.com&fbclid=IwY2xjawFP0zxleHRuA2FibQIxMQABHaYI_BSWgtdqNVV08gNEUVqDsWPMCY6vMQG-MeenU4xV87iHXWLQ3ArpPQ_aem_kH1ltzWkKDS5a495loYqIA)

Scientists discover a long-sought global electric field on Earth  
[https://phys.org/news/2024-08-scientists-sought-global-electric-field.html?fbclid=IwZXh0bgNhZWQCMTEAAR3Luq8wuvHQjxx6OIHBEps-SIEI33G19NQTrmXXgaUmrQa2OfH8A23bi0E\\_aem\\_lqVx4NqQTH88atjmTcpd3g&sfnsn=mo](https://phys.org/news/2024-08-scientists-sought-global-electric-field.html?fbclid=IwZXh0bgNhZWQCMTEAAR3Luq8wuvHQjxx6OIHBEps-SIEI33G19NQTrmXXgaUmrQa2OfH8A23bi0E_aem_lqVx4NqQTH88atjmTcpd3g&sfnsn=mo)

India approves development of reusable launcher, space station module  
[https://arstechnica.com/space/2024/09/india-is-on-a-path-to-become-the-worlds-third-largest-space-power/?utm\\_brand=arstechnica&utm\\_social\\_type=owned&utm\\_source=mastodon&utm\\_medium=social](https://arstechnica.com/space/2024/09/india-is-on-a-path-to-become-the-worlds-third-largest-space-power/?utm_brand=arstechnica&utm_social_type=owned&utm_source=mastodon&utm_medium=social)

SpaceX 'Forcefully Rejects' FAA Conclusion It Violated Launch Requirements  
<https://money.usnews.com/investing/news/articles/2024-09-19/spacex-forcefully-rejects-faa-allegation-it-violated-launch-requirements>

China plans to build moon base at the lunar south pole by 2035  
[https://www.space.com/china-moon-base-south-pole-2035?utm\\_medium=social&utm\\_content=space.com&utm\\_campaign=socialflow&utm\\_source=facebook.com&fbclid=IwY2xjawFVBQdleHRuA2FibQIxMQABHbYuDx6tcp6pua21wRDzkARScy3Is-dkIr848bO9wvYBeMPg9-hHpGn-QA\\_aem\\_2w5X5gVyWm9xp6RqbhBypw](https://www.space.com/china-moon-base-south-pole-2035?utm_medium=social&utm_content=space.com&utm_campaign=socialflow&utm_source=facebook.com&fbclid=IwY2xjawFVBQdleHRuA2FibQIxMQABHbYuDx6tcp6pua21wRDzkARScy3Is-dkIr848bO9wvYBeMPg9-hHpGn-QA_aem_2w5X5gVyWm9xp6RqbhBypw)

History-Making SpaceX Mission Ends With a Splash After Spacewalks  
[https://www.sciencealert.com/history-making-spacex-mission-ends-with-a-splash-after-spacewalks?fbclid=IwY2xjawFVCQFleHRuA2FibQIxMQABHayqbOTvpooM29PmLiwv9V\\_Oc6-MyxsehszPNxz9t4x7AiF6UPgwStbsaA\\_aem\\_QzFfCMml8s1CjYXCjjpgXA](https://www.sciencealert.com/history-making-spacex-mission-ends-with-a-splash-after-spacewalks?fbclid=IwY2xjawFVCQFleHRuA2FibQIxMQABHayqbOTvpooM29PmLiwv9V_Oc6-MyxsehszPNxz9t4x7AiF6UPgwStbsaA_aem_QzFfCMml8s1CjYXCjjpgXA)

A key employee who called the Titan unsafe testifies the company only wanted to make money  
[https://apnews.com/article/titan-submersible-implosion-hearing-3e698a31c32d753b2d34e28900f65bdc?utm\\_campaign=TrueAnthem&utm\\_medium=AP&utm\\_source=Facebook&fbclid=IwY2xjawFWclBleHRuA2FibQlXMQABHZSlw6vIhixlj1KjFvTgn1-MaJkjlKMgg1WViJHloOrpDcFv-YpZinxx\\_g\\_aem\\_f6PySf8mhonA0xN7ziaqw](https://apnews.com/article/titan-submersible-implosion-hearing-3e698a31c32d753b2d34e28900f65bdc?utm_campaign=TrueAnthem&utm_medium=AP&utm_source=Facebook&fbclid=IwY2xjawFWclBleHRuA2FibQlXMQABHZSlw6vIhixlj1KjFvTgn1-MaJkjlKMgg1WViJHloOrpDcFv-YpZinxx_g_aem_f6PySf8mhonA0xN7ziaqw)

47-year-old Voyager 1 spacecraft just fired up thrusters it hasn't used in decades  
<https://www.cnn.com/2024/09/16/science/voyager-1-thruster-issue/index.html#:~:text=Engineers%20at%20NASA%20have%20successfully,from%20billions%20of%20miles%20away.>

Space missions are getting more complex – lessons from Amazon and FedEx can inform satellite and spacecraft management in orbit  
[https://www.space.com/lessons-from-amazon-and-fedex-inform-satellite-spacecraft-management-in-orbit?utm\\_campaign=socialflow&utm\\_source=facebook.com&utm\\_medium=social&utm\\_content=space.com&fbclid=IwY2xjawFXo5VleHRuA2FibQlXMQABHWmmI58dWDtzS-SnHhylj749nrZ6k3tEXoLlk0rNXweBPSZJOOtfceQLA\\_aem\\_B0XHXEITQNKhmbylsBNkg](https://www.space.com/lessons-from-amazon-and-fedex-inform-satellite-spacecraft-management-in-orbit?utm_campaign=socialflow&utm_source=facebook.com&utm_medium=social&utm_content=space.com&fbclid=IwY2xjawFXo5VleHRuA2FibQlXMQABHWmmI58dWDtzS-SnHhylj749nrZ6k3tEXoLlk0rNXweBPSZJOOtfceQLA_aem_B0XHXEITQNKhmbylsBNkg)

Astronomers detect hundreds of supernova remnants using novel method  
[https://phys.org/news/2024-09-astronomers-hundreds-supernova-remnants-method.html?fbclid=IwY2xjawFXr1tleHRuA2FibQlXMQABHeRnhgT-YDXHqLXKcWrRl64ue7Mzadd3N\\_oKsNcfKwJ-v-JGZ0kg7aCBw\\_aem\\_zphrP2B11w3qAXDtq8okLQ](https://phys.org/news/2024-09-astronomers-hundreds-supernova-remnants-method.html?fbclid=IwY2xjawFXr1tleHRuA2FibQlXMQABHeRnhgT-YDXHqLXKcWrRl64ue7Mzadd3N_oKsNcfKwJ-v-JGZ0kg7aCBw_aem_zphrP2B11w3qAXDtq8okLQ)

Can these underwater habitats 'make humans aquatic'?  
[https://www.cnn.com/science/deep-underwater-habitats-vanguard-sentinel-hnk-spc/index.html?Date=20240918&Profile=CNN+International&utm\\_content=1726653610&utm\\_medium=social&utm\\_source=facebook&fbclid=IwY2xjawFXq5NleHRuA2FibQlXMQABHdgX2kWsHlxS2agYdePUzN8BjiBpicvBh7qcnJELskGE3iv\\_vs\\_1u3h9gw\\_aem\\_j2rjgQIPfaMJvRjFwDYew](https://www.cnn.com/science/deep-underwater-habitats-vanguard-sentinel-hnk-spc/index.html?Date=20240918&Profile=CNN+International&utm_content=1726653610&utm_medium=social&utm_source=facebook&fbclid=IwY2xjawFXq5NleHRuA2FibQlXMQABHdgX2kWsHlxS2agYdePUzN8BjiBpicvBh7qcnJELskGE3iv_vs_1u3h9gw_aem_j2rjgQIPfaMJvRjFwDYew)

NASA's "Hidden Figures" honored in Congressional Gold Medal ceremony  
<https://www.cbsnews.com/news/nasas-hidden-figures-congressional-gold-medal-ceremony/?ftag=CNM-00-10aab7e&linkId=594215768>

Mannequins flew around the moon on a path astronauts could soon take. Scientists just revealed how they fared  
[https://www.cnn.com/2024/09/19/science/artemis-i-orion-capsule-radiation/index.html?Date=20240919&Profile=CNN&utm\\_content=1726783260&utm\\_medium=social&utm\\_source=facebook&fbclid=IwY2xjawFZgtFleHRuA2FibQlXMQABHSMqu08Jv9jkQQAzANH4xOmAmIMm9jWQIOD24fxGgVrn6O26yg7FT7IMxA\\_aem\\_jiwinSL\\_1uQmVWSN7I2YJA](https://www.cnn.com/2024/09/19/science/artemis-i-orion-capsule-radiation/index.html?Date=20240919&Profile=CNN&utm_content=1726783260&utm_medium=social&utm_source=facebook&fbclid=IwY2xjawFZgtFleHRuA2FibQlXMQABHSMqu08Jv9jkQQAzANH4xOmAmIMm9jWQIOD24fxGgVrn6O26yg7FT7IMxA_aem_jiwinSL_1uQmVWSN7I2YJA)

Earth will get a second "mini-moon" for 2 months this year  
<https://www.cbsnews.com/news/earth-second-mini-moon-2024/>

Caught on camera: Satellite tracker photographs secret spacecraft  
<https://www.space.com/secret-satellites-caught-on-camera>

Five new massive satellites outshine most evening stars  
[https://www.popsci.com/science/bluebird-satellite-launch/?fbclid=IwY2xjawFXRDVleHRuA2FibQlXMQABHRNGeD-Jz5TIY37MBpmor\\_Dt-AHnJreMJlk1q-a60YvxMjyGcCTYNphD9Q\\_aem\\_wBYql8OiYS85kuQxVQdsDQ&sfnsn=mo](https://www.popsci.com/science/bluebird-satellite-launch/?fbclid=IwY2xjawFXRDVleHRuA2FibQlXMQABHRNGeD-Jz5TIY37MBpmor_Dt-AHnJreMJlk1q-a60YvxMjyGcCTYNphD9Q_aem_wBYql8OiYS85kuQxVQdsDQ&sfnsn=mo)

Citizen science collaboration yields precise data on exoplanet WASP-77 A b  
<https://phys.org/news/2024-09-citizen-science-collaboration-yields-precise.html>

## Environment, Climate Change and Alternative Energy Sources

As coral reefs face unprecedented heat, scientists experiment with new ways to protect them  
<https://www.nbcnews.com/science/environment/coral-reef-protection-efforts-ocean-heat-rcna171719>

Tiny nuclear-powered battery could work for decades in space or at sea  
[https://www.newscientist.com/article/2448567-tiny-nuclear-powered-battery-could-work-for-decades-in-space-or-at-sea/?utm\\_term=Autofeed&utm\\_campaign=echobox&utm\\_medium=social&utm\\_source=Facebook&fbclid=IwZXh0bgNhZW0CMTEAAR1iOH-twqnWripORaBDL3u0ARr9sVm7Q7xfoQZpURLs-mms-CB0mM\\_R38U\\_aem\\_WCzhInJfNeGzVvEuPvNGwQ&sfnsn=mo#Echobox=1726684707](https://www.newscientist.com/article/2448567-tiny-nuclear-powered-battery-could-work-for-decades-in-space-or-at-sea/?utm_term=Autofeed&utm_campaign=echobox&utm_medium=social&utm_source=Facebook&fbclid=IwZXh0bgNhZW0CMTEAAR1iOH-twqnWripORaBDL3u0ARr9sVm7Q7xfoQZpURLs-mms-CB0mM_R38U_aem_WCzhInJfNeGzVvEuPvNGwQ&sfnsn=mo#Echobox=1726684707)

What the jet stream and climate change had to do with the hottest summer on record – remember all those heat domes?  
<https://theconversation.com/what-the-jet-stream-and-climate-change-had-to-do-with-the-hottest-summer-on-record-remember-all-those-heat-domes-238493>

Four ways Africa is already seeing the effects of climate change – and what can be done about it  
<https://theconversation.com/four-ways-africa-is-already-seeing-the-effects-of-climate-change-and-what-can-be-done-about-it-238696>

Energy-efficient device uses solar power to turn seawater into fresh water  
[https://techxplore.com/news/2024-09-energy-efficient-device-solar-power.html?fbclid=IwZXh0bgNhZW0CMTEAAR3RhZxoxf\\_SL3xm2XgCSqJVYFQyUjH9im\\_IWj4T2J1xxK\\_cqhZ7b4FK6BM\\_aem\\_JUAodODKB8QFLx1m\\_7IsPQ&sfnsn=mo](https://techxplore.com/news/2024-09-energy-efficient-device-solar-power.html?fbclid=IwZXh0bgNhZW0CMTEAAR3RhZxoxf_SL3xm2XgCSqJVYFQyUjH9im_IWj4T2J1xxK_cqhZ7b4FK6BM_aem_JUAodODKB8QFLx1m_7IsPQ&sfnsn=mo)

The Arctic Seed Vault Shows the Flawed Logic of Climate Adaptation  
<https://www.scientificamerican.com/article/the-arctic-seed-vault-shows-the-flawed-logic-of-climate-adaptation/>

## Biological, Genetics and Medical Sciences

Why are killer whale attacks on the rise? These scientists set sail to find out

[https://www.nbcnews.com/news/world/are-killer-whale-attacks-rise-scientists-set-sail-find-rcna169295?cid=sm\\_npd\\_nn\\_fb\\_ma&fbclid=IwY2xjawFXq4RleHRuA2FibQlxMQABHaMilZkVn1yegrSWVifj98hv5KxyR0HPTVUjtcy315DM0XPfV7hQYkAS3w\\_aem\\_DIS8vUfYpinyiWd1jwt-JA&branch\\_match\\_id=1195686125552732090&utm\\_source=facebook&utm\\_campaign=NBC%20News&utm\\_medium=social&branch\\_referrer=H4sIAAAAAAAAAAwXBSw6CMBQAwNu4U37%2BE2JQY0DTRECBuiEUXqVQKha0sPHszpR933ZbTRMkF6C6Wda2M85ErZIFDBiJJUZkR0nOWWF7CptDlaIT8p4HHNzq45gnTnxvQL6zdzPEvEcdCWOEpwzjiNFqsy6%2Fi8swBrp7vUX3qs9Hy1gckZ5cabQqfVw7oaXSDJr0yMP1905xy8TI4sKoVD89O5OfBApSMvFMiXypDqR9KOWrgT%2BLpTpYuQAAAA%3D%3D](https://www.nbcnews.com/news/world/are-killer-whale-attacks-rise-scientists-set-sail-find-rcna169295?cid=sm_npd_nn_fb_ma&fbclid=IwY2xjawFXq4RleHRuA2FibQlxMQABHaMilZkVn1yegrSWVifj98hv5KxyR0HPTVUjtcy315DM0XPfV7hQYkAS3w_aem_DIS8vUfYpinyiWd1jwt-JA&branch_match_id=1195686125552732090&utm_source=facebook&utm_campaign=NBC%20News&utm_medium=social&branch_referrer=H4sIAAAAAAAAAAwXBSw6CMBQAwNu4U37%2BE2JQY0DTRECBuiEUXqVQKha0sPHszpR933ZbTRMkF6C6Wda2M85ErZIFDBiJJUZkR0nOWWF7CptDlaIT8p4HHNzq45gnTnxvQL6zdzPEvEcdCWOEpwzjiNFqsy6%2Fi8swBrp7vUX3qs9Hy1gckZ5cabQqfVw7oaXSDJr0yMP1905xy8TI4sKoVD89O5OfBApSMvFMiXypDqR9KOWrgT%2BLpTpYuQAAAA%3D%3D)

U.S. ranks last in health care compared with nine other high-income countries, report finds

<https://www.nbcnews.com/health/health-news/us-health-care-ranking-report-last-rcna171652>

Bacteria on the space station are evolving for life in space

[https://www.newscientist.com/article/2448437-bacteria-on-the-space-station-are-evolving-for-life-in-space/?utm\\_medium=social&utm\\_campaign=echobox&utm\\_source=Facebook&fbclid=IwY2xjawFaVYRleHRuA2FibQlxMQABHaYXLPkYJlevN5nEk\\_3kToXNVqy-m2dRQc3F-OIroVq-vMr9WspYtj9YA\\_aem\\_qUKQ090394b7y-KeY28s9w#Echobox=1726821594-1](https://www.newscientist.com/article/2448437-bacteria-on-the-space-station-are-evolving-for-life-in-space/?utm_medium=social&utm_campaign=echobox&utm_source=Facebook&fbclid=IwY2xjawFaVYRleHRuA2FibQlxMQABHaYXLPkYJlevN5nEk_3kToXNVqy-m2dRQc3F-OIroVq-vMr9WspYtj9YA_aem_qUKQ090394b7y-KeY28s9w#Echobox=1726821594-1)

'Shazam for whales' uses AI to track sounds heard in Mariana Trench

[https://www.newscientist.com/article/2448480-shazam-for-whales-uses-ai-to-track-sounds-heard-in-mariana-trench/?utm\\_medium=social&utm\\_campaign=echobox&utm\\_source=Facebook&fbclid=IwY2xjawFX0ANleHRuA2FibQlxMQABHZQINE\\_BZjdDweh4YLY951m5i7FC9GJMXss2TN-GjnyNaZMxT5LISNYGA\\_aem\\_5ES7vXTvz0KCS9dvnpCQeQ#Echobox=1726669197-1](https://www.newscientist.com/article/2448480-shazam-for-whales-uses-ai-to-track-sounds-heard-in-mariana-trench/?utm_medium=social&utm_campaign=echobox&utm_source=Facebook&fbclid=IwY2xjawFX0ANleHRuA2FibQlxMQABHZQINE_BZjdDweh4YLY951m5i7FC9GJMXss2TN-GjnyNaZMxT5LISNYGA_aem_5ES7vXTvz0KCS9dvnpCQeQ#Echobox=1726669197-1)

What's for dinner? Scientists unearth key clues to cuisine of resident killer whales

<https://www.eurekalert.org/news-releases/1058669>

Samples from Huanan Seafood Market provide further evidence of COVID-19 animal origins

<https://www.eurekalert.org/news-releases/1058525>

Searching for a vaccine against an ancient scourge

<https://www.eurekalert.org/news-releases/1058660>

New biosensor illuminates physiological signals in living animals

[https://phys.org/news/2024-09-biosensor-illuminates-physiological-animals.html#google\\_vignette](https://phys.org/news/2024-09-biosensor-illuminates-physiological-animals.html#google_vignette)

## Other

Legendary actor James Earl Jones dies at 93

<https://abcnews.go.com/Entertainment/Culture/legendary-actor-james-earl-jones-dies-93/story?id=44811603>

Another UFO Boss to Break Silence in Major Book Deal: "The Process of Disclosure Has Begun"

<https://www.hollywoodreporter.com/news/general-news/jay-stratton-ufo-memoir-1235996607/>

Senate Armed Services Committee to hold UFO hearing

<https://thehill.com/policy/defense/4885353-senate-defense-committee-ufo-hearing/>

## Additional Informational

How Service Defines Starfleet

[https://www.startrek.com/news/how-service-defines-starfleet?fbclid=IwY2xjawFOgxBLEHRuA2FibQIxMQABHXWuh7qPR-IfNUCl1QUNP19RQ94GZjUmpmzB1WBckRQn2HojfmQQ4aHLCQ\\_aem\\_MsD9uW1Herpp4ICD6v4S7A](https://www.startrek.com/news/how-service-defines-starfleet?fbclid=IwY2xjawFOgxBLEHRuA2FibQIxMQABHXWuh7qPR-IfNUCl1QUNP19RQ94GZjUmpmzB1WBckRQn2HojfmQQ4aHLCQ_aem_MsD9uW1Herpp4ICD6v4S7A)

Foam 331—First Responder to the Nation's Worst Aviation Crisis

<https://airandspace.si.edu/stories/editorial/foam-331-first-responder>

Ancient Apocalypse: the Americas- Video

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

Imminent: Inside the Pentagon's Hunt for UFOs: Written by the Former Head of the Pentagon Program Investigating UAPs

[https://www.amazon.com/Imminent-Pentagons-Investigating-UAPs\\_Featured-Experience/dp/0063235560/ref=tmm\\_hrd\\_swatch\\_0?encoding=UTF8&dib\\_tag=se&dib=eyJ2IjojMSJ9.ncfVxVATo0SRx2LzFeyNjzj0DG2nxgPdrTDAEi\\_ghTCPOhBCLD\\_bNPCV8oTAKsFGbihfTjzYueLb-1K2JGqnpVJM4QVc8-WCXsTQrVGJiUnWoIVaK-YPOkatALPtpfKe-fhk5TawNhB-7Ay9FbN4YbYuDwG4exhpzfyYDA9AgWhgoCfK3iytSMRHbFobNrFbYDOajFYvdVYGWTCFccjQNg4dayZSHxg8KR2aH50UgM.2NbnOkzbzDPI4TWI4XQXRadsjlx8ZATOI-0hoJEwB5Q&qid=1726666405&sr=8-1](https://www.amazon.com/Imminent-Pentagons-Investigating-UAPs_Featured-Experience/dp/0063235560/ref=tmm_hrd_swatch_0?encoding=UTF8&dib_tag=se&dib=eyJ2IjojMSJ9.ncfVxVATo0SRx2LzFeyNjzj0DG2nxgPdrTDAEi_ghTCPOhBCLD_bNPCV8oTAKsFGbihfTjzYueLb-1K2JGqnpVJM4QVc8-WCXsTQrVGJiUnWoIVaK-YPOkatALPtpfKe-fhk5TawNhB-7Ay9FbN4YbYuDwG4exhpzfyYDA9AgWhgoCfK3iytSMRHbFobNrFbYDOajFYvdVYGWTCFccjQNg4dayZSHxg8KR2aH50UgM.2NbnOkzbzDPI4TWI4XQXRadsjlx8ZATOI-0hoJEwB5Q&qid=1726666405&sr=8-1)

United in Science 2024 Report

<https://wmo.int/publication-series/united-science-2024>

Ancient humans strategically targeted reindeer-rich territory in the autumn for winter food and clothing

<https://news.exeter.ac.uk/faculty-of-humanities-arts-and-social-sciences/ancient-man-strategically-targeted-reindeer-rich-territory-in-the-autumn-for-winter-food-and-clothing/>