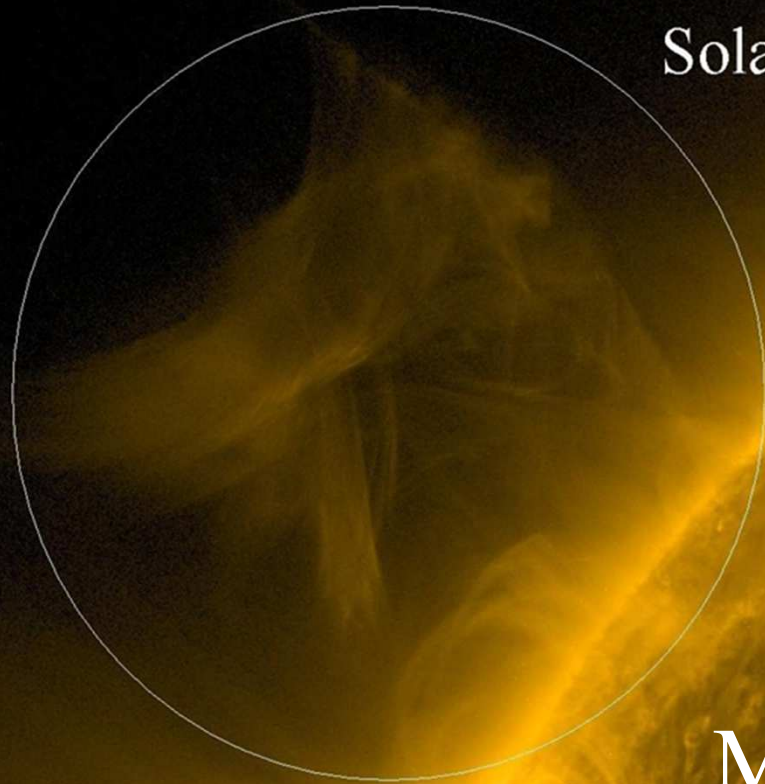


Cosmology/Astrophysics News

Solar ejection

Feb 20, 2017



March 22, 2017

for Rose City Astronomers SIG

<http://101iq.com/RCA>

Nature – February 16, 2017

- Na₂He is a compound above 113 Gpa – possible in Jupiter
- NASA picking Mars sites for rock harvesting
 - <http://www.nature.com/news/three-sites-where-nasa-might-retrieve-its-first-mars-rock-1.21470>
- Churchill's essay on alien life
 - <http://www.nature.com/news/winston-churchill-s-essay-on-alien-life-found-1.21467>

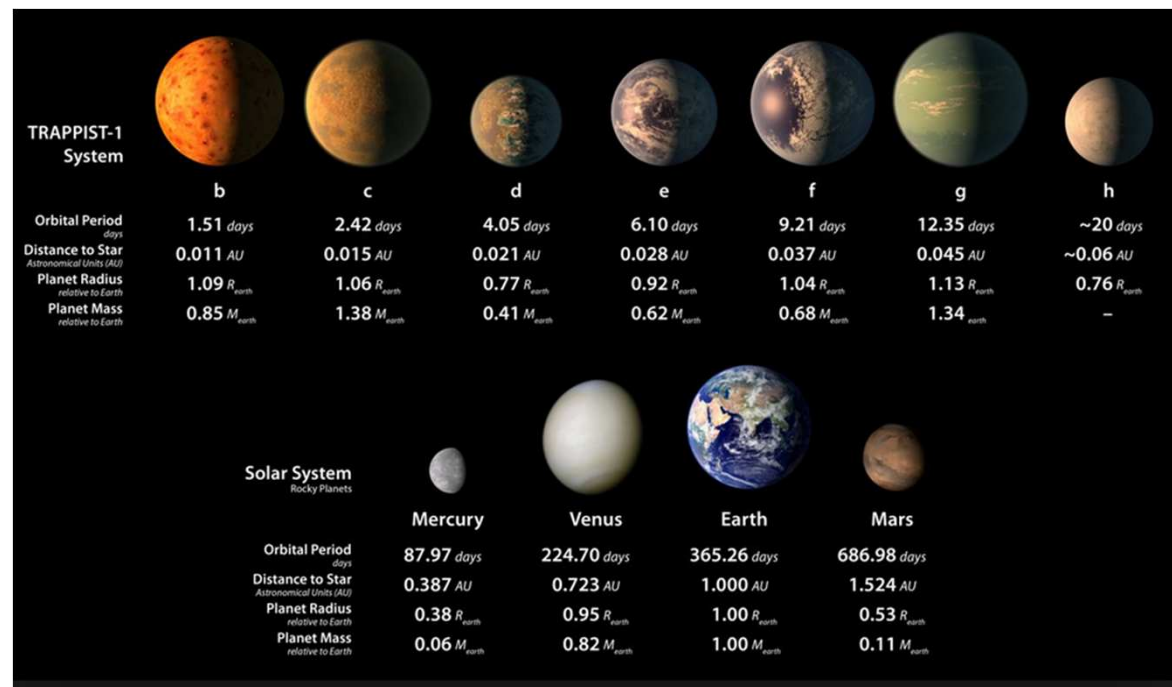
Science – February 17, 2017

- NASA picking MARS landing sites for 2020 rover
 - [http://www.sciencemagazinedigital.org/sciencemagazine/17 february 2017?folio=670&pg=10#pg10](http://www.sciencemagazinedigital.org/sciencemagazine/17_february_2017?folio=670&pg=10#pg10)
- European gravitational wave detector falters – Virgo near Pisa Italy has fragile glass fibers
 - <http://www.sciencemag.org/news/2017/02/european-gravitational-wave-detector-falters>
- Dwarf planet Ceres and the ingredients of life
 - <http://science.sciencemag.org/content/355/6326/692>
 - <http://science.sciencemag.org/content/355/6326/719>

Nature – February 23, 2017

- Earth's seven sisters – planets around TRAPPIST-1

- <http://www.nature.com/nature/journal/v542/n7642/full/542421a.html>
- <http://www.nature.com/nature/journal/v542/n7642/full/nature21360.html>



Science – February 24, 2017

- No cosmology/astrophysics news this issue

Nature – March 2, 2017

- Supernova clues from neutrinos
 - <http://www.nature.com/nature/journal/v543/n7643/full/543008b.html>
- Astronomers grapple with new era of fast radio bursts
 - <http://www.nature.com/news/astronomers-grapple-with-new-era-of-fast-radio-bursts-1.21557>
- The response of relativistic outflowing gas to the inner accretion disk of a black hole
 - <http://www.nature.com/nature/journal/v543/n7643/abs/nature21385.html>

Science – March 3, 2017

- Global radio-telescopes gear up to image black holes
 - <http://science.sciencemag.org/content/355/6328/893>

Nature – March 9, 2017

- No cosmology/astrophysics news this issue

Science – March 10, 2017

- Hubble Trouble - Debate over “constant” – conflict with CMB acoustic calculations
 - <http://science.sciencemag.org/content/355/6329/1010>

Nature – March 16, 2017

- Distant galaxies lack dark matter
 - <https://www.sciencenews.org/article/distant-galaxies-lack-dark-matter-study-suggests>
 - <http://www.nature.com/nature/journal/v543/n7645/full/543318a.html>

Scientific American – March 2017

- Near light-speed mission to Alpha-Centauri
 - <http://www.nature.com/scientificamerican/journal/v316/n3/full/scientificamerican0317-30.html>
- Long live Hubble
 - <http://www.nature.com/scientificamerican/journal/v316/n3/full/scientificamerican0317-80.html>

Miscellaneous

- Visit new journal: ACS Earth and Space Chemistry:
 - <http://pubs.acs.org/toc/aesccq/1/1>
- Free sign up for The Scientist:
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 - <https://pubs.aaas.org/Promo>