

Part A. How Coronavirus and Catastrophic Equatorial Icing Unveil the Mystery of Economic Loss: Can the causes be extraterrestrial?

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As indicated in the preceding Gibson-Liu paper, Vol. 26 No. 24, Catastrophic Equatorial Icing, CEI, is certainly the cause of dozens of deadly commercial aircraft crashes over the ocean within 10 degrees of latitude and 1-5 miles altitude (see journalofcosmology.com), NOT Boeing or Airbus Avionics. Pandemic-ignorance can also ground the planes, giving time to solve CEI-ignorance problems while dealing with passenger crowding that might spread the disease. The extreme deadliness of Pandemic diseases is due to the large number of human infested extraterrestrial planets required to culture such diseases that feed on ignorant humans too stupid to develop vaccines and tests in a timely fashion. Water freezes at altitudes above 1 mile. Increased equatorial Coriolis forces from global warming that allow extreme intermittency of equatorial turbulence in a widening range. FAA ignorance of CEI and COVID-19 dangers have grounded the large 300 passenger Boeing-made planes at a cost of multiple B\$ a month for a year and caused stock market losses of eight T\$. Ironically, more lives may be saved by COVID-19 grounding the planes than will likely be lost to the disease or ignorance of CEI. CEI is predictable from modern turbulence and stratified turbulent mixing theory (Gibson) as shown by R. N. Keeler (SPECTRUM 2005), (see cei.ucsd.edu). CEI was conclusively proved by the MH370 (mystery plane) crash where serial number identified Boeing MH370 debris was found near East Africa only 114 days after it went off radar, not in the Southern Ocean near Perth, Australia, as estimated from false media speculations. Winter monsoon winds are to the South in the Gulf of Thailand, which explains why all crash debris went south.

Catastrophic Equatorial Icing occurs when an aircraft hits a plume of supercooled water vapor much larger than the plane so that at high altitudes and low latitudes heavy ice may form on the tail stabilizers forcing the nose of the plane up before the wings ice over and cause the plane to crash at sea. The mechanism is BZTMA, or beamed zombie turbulence maser action mixing chimneys, where Equatorial chimneys may rapidly conduct large quantities of supercooled steam to cruising altitudes.

Mysterious airplane losses at sea such as Air France 447, MH370, and the recent Lion Air and Ethiopian Air disasters are examples of Catastrophic Equatorial Icing. For MH370, CEI is the proven cause, not Boeing Avionics, Pilot Error or Rogue Pilots. Catastrophic Equatorial Icing is responsible for at least 1000 deaths, including the 189 on Lion Air 610 and 232 on MH370, **not** new Boeing Avionics as implied by NYT articles such as the front-page story on November 3, 2019. Once COVID-19 fears and Boeing fears have lessened, CEI events will resume.

Boeing is the largest manufacturer of airplanes in the world. They had two unexplained crashes recently due to Catastrophic Equatorial Icing: Lion Air at 6S latitude and Ethiopian Air at 9S latitude. CEI events have crashed dozens of planes killing thousands, and the danger is increasing due to global warming. CEI events occur because condensation nuclei can be completely rained

out near the equator. Supercooled steam has a low density and forms buoyant supercooled "water" spouts that are like brick walls to planes that hit them at high altitudes.

The first Airline victim of CEI was Adam Air in Indonesia after the crashes of two planes. Everyone was killed and the airline went out of business. Air France 447 and Malaysian Air Line 370 were disappeared planes in the range 6S to 6N. AF447 was an Airbus, proving CEI is not just events due to Boeing. The dangerous latitudes are now 10S to 10N, presumably increased by global warming. Hawaii is at 20N and Airbus is building planes to carry a thousand passengers, ignorant of the increasing CEI event risks.

The first thing that happens in a CEI event is that a ton of ice forms on the tail of the plane, pushing it down and the nose up. This causes a sudden increase in altitude until the wings also ice over and lose lift, causing the crash four minutes later. Boeing added avionics to prevent the altitude increase and blamed the pilots for not using the avionics properly.

The data leaves no doubt that this crash was due to a CEI event. A billion dollars was wasted, guided by nonsense speculations, to the Southern Ocean near Perth, Australia. Finally, Boeing-identified MH370 parts appeared on Reunion Island only 114 days after MH370 vanished from radar, proving this is where it is today: MH370 is at the bottom of the South China Sea at 103 E and 6 N. Depths are only 30 M. It should be easy to recover for a fraction of the fruitless B\$ rogue-pilot search.

According to hydrogravitational cosmology, HGD, developed by journalofcosmology.com, most ocean water and most life on Earth are transmitted vertically in the atmosphere from extraterrestrial sources (see vol 20 part III and vol 21 for images and discussion of red rain, which can be cultured to temperatures of 300 C). A possible source of red rain is Venus. By hypothesis, the red color shields life in the outer Venus atmosphere from solar radiation, giving the peach color observed at the planet surface by Russian probes. Because Venus is near, we can explain the periodic appearances of red rain recorded in the bible. HGD and extraterrestrial life is denied by the LCDM standard cosmology, where the first stars and planets appear only after millions of years of dark ages rather than thousands. Evidence is provided by ice meteorites and red rain, as well as the constant need for new vaccines for influenza-like viruses such as COVID-19. How many extraterrestrial sources of DNA come from planets dominated by bats rather than birds? What are the odds that a flu virus hosted by bats would hit an urban center as large as Wuhan where a significant portion of the diet is bats? Our present scientific community cannot answer these questions. They still are unsure about whether ANY life is extraterrestrial. Clear air turbulence like CEI occurs with sudden updrafts. Rarely, downdrafts occur. A recent Air Canada flight was forced to return back to Hawaii after a severe downdraft sent unbuckled passengers shooting to the roof with near-fatal consequences. What could do this other than a large ice meteorite? See images in Snyder, Journal of Cosmology, Vol. 26, No. 10, pp 14152-14176. Claims against extraterrestrial life are weakened by the recent paper: Cosmic Discordance: "Planck and luminosity distance data exclude LCDM", which calls for new cosmological models like HGD.

[Eleonora Di Valentino](#), [Alessandro Melchiorri](#), [Joseph Silk](#) (Submitted on 10 Mar 2020). "We show that a combined analysis of CMB anisotropy power spectra obtained by the Planck satellite and luminosity distance data simultaneously excludes a flat universe and a cosmological constant

at 99% C.L. These results hold separately when combining Planck with three different datasets: the two determinations of the Hubble constant from Riess et al. 2019 and Freedman et al. 2020, and the Pantheon catalog of high redshift supernovae type-Ia. We conclude that either LCDM needs to be replaced by a drastically different model, or else there are significant but still undetected systematics. Our result calls for new observations and stimulates the investigation of alternative theoretical models and solutions”.

We suggest that HGD cosmology is a much better alternative theoretical model than LCDM.

Part B. Why Pandemic Viruses are likely Extraterrestrial

Pandemics are severe diseases that spread on large scales over the Earth. The Black Death killed about a hundred million, which was a significant fraction of the population in the 14th century. Often Pandemics are spread over large scales by wars, and generally kill more people than the wars. Spanish influenza 1917 to 1920 killed nearly a hundred million people compared to ten million by the first world war. Spanish flu was clearly extraterrestrial because it appeared in Bombay and Boston simultaneously, but took months to get to New York. Napoleon’s army returning from Russia was a tenth of its size entering, not from the mud and Russians, but from Typhus. Measles wiped out 90% of the US Northwest Indian tribes. Modern Pandemics like Coronavirus-19 are spread worldwide in hours by modern transportation systems, but have apparently been controlled by the Chinese in a few months. Volcanos have reduced human populations to near zero, but apparently not Pandemics (how would we know?).

Wickramasinghe and Hoyle from their initially controversial cometary panspermia theories (now observational facts) were the first to suggest dangerous diseases like the flu are probably extraterrestrial in origin. Studies were made of flu outbreaks near their university in Cambridge UK. Volume 16 of journalofcosmology.com documents 30 years Chandra W and Fred H spent fighting the skepticism from thousands of years of earthlings claiming (and demanding) they were alone in the universe and the source of all human life. Geocentric doubters were burned at the stake. Extraterrestrial life as pandemic sources explains the high frequency of new flu shots required every year from the wide selection of host extraterrestrial planets that could culture new diseases. If the inhabitants of the planets are intelligent and better led than those on Earth we might expect vaccines for mild influenzas will be developed and distributed rapidly. All remnants of Pandemic grade diseases like small-pox, plagues and Coronavirus-19 might be collected and expelled into outer space by advanced extraterrestrial societies. DNA can store lots of information once you know how to store and retrieve it. Therefore, we should examine the DNA of COVID-19 carefully for any information about a vaccine.

What is the evidence for extraterrestrial life? The best evidence is the extreme complexity of DNA and RNA, that could not possibly evolve on a single planet without help from many other surrounding planets, as argued by Wickramasinghe and Hoyle in their books “diseases from space” 1979 and “evolution from space” 1984. The constant rain on earth of influenza and cold viruses that require vaccine development is itself strong evidence of extraterrestrial life on planets inhabited by humans. Human pandemics cannot develop on planets without humans and cannot

spread rapidly without sophisticated means of transportation like airplanes and ships. Although COVID-19 is a bat virus, it seems more likely that both the bats and humans are numerous on the host planets, and the human brains are usually better than the bat brains as they are on earth. From HGD cosmology, dark matter planets formed from hydrogen plasma as earth mass PFP primordial fog particles 10^{13} seconds after the big bang. No evidence exists of variation of the organic chemistry and structure of molecules of DNA and RNA anywhere. Clearly pandemics are best studied in the new field of astrobiology. A 2007 Wickramasinghe review article “Sunspot Cycle Minima and Pandemics. The Case for Vigilance?” is available linking pandemics to sunspots, triggered by comets. Professor Wickramasinghe has been invited to comment on this article, with his own advice about mitigating COVID-19. Clearly the World Health Organization needs to expand its definition of “World” to include much larger scales.

According to HGD cosmology and Cometary Panspermia, Biology developed rapidly after the formation of earth mass PFP planets and their mergers to form Jupiters and Stars. Jupiters require a thousand PFPs, and are sufficiently massive to burn tritium and tralplhium (He^3 from alpha particles He^4). A million Jupiter mass gas planets must merge to form a star, which then either shrinks to a white dwarf carbon star and eventually explodes as a supernova I, or expands until it forms iron and explodes as a supernova II, both of which distribute life on the planets and their moons to Cosmic scales. As shown in the figure below, all this happens in a few million year, termed the Biological Big bang by Gibson, Wickramasinghe and Schild in Vol 16 No 23, Fig 10. Human Pandemics occur only in the last small fraction of this event, with no observable consequences except those local and political. This hypothesis is being tested by star searches for “Dyson Spheres” where solar energy collectors might be extended by highly sophisticated, presumably human technologies to the largest practical scales of about 10^{16} meters suggested by the late Freeman John Dyson 1923-2020. It has been seriously suggested that the best tracer of intelligent life is the unnecessary nutrient ethanol, which can be compared to the PAH polycyclic aromatic hydrocarbon distribution used as indicating the presence of cosmic life.

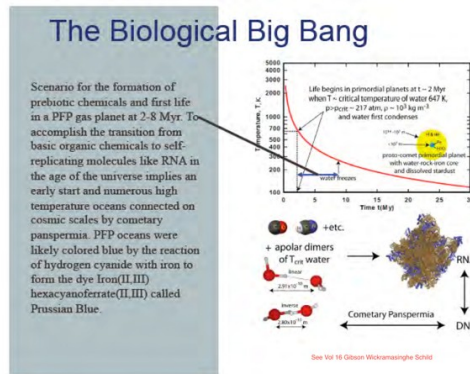


Figure 10. Organic chemistry should evolve rapidly in the first hot water oceans²⁷. Self replicating autocatalytic reactions such as RNA have an excellent opportunity to optimize their efficiency in the $\sim 10^{18}$ hot water oceans produced by the cosmological big bang because all stars are formed by mergers of the primordial planets²⁸.

Fig 10, Journal of Cosmology, Vol. 16, pp 6500-6518

20.2 Megacryometeors

The fall of large ice blocks (from about 1 kg to hundreds of kilograms) from the clear sky is, in accordance with Meaden (1977) one of the most interesting and controversial issues in atmospheric sciences. Meaden used the term “ice meteors” to denote them and proposed that their origin had to be different from that of the large hailstones. Later, Corliss (1983) used the term “hydrometeors” also differentiating them from the classical hailstones and suggesting that they have an atmospheric origin but under different possible genetic scenarios. Historically, the falls were routinely assigned, without verification, to aircraft icing processes or simply to waste water from aircraft lavatories (blue ice). For instance, a recent example that has been well studied and recorded in the scientific literature is the blue ice mass of 2–3 kg, which fell in the Courel locality, Galicia (Spain) on 9 July 1996 (Docobo et al. 1997).

A detailed historical review of such events (Martinez-Frias and Lopez-Vera 2000, 2002) shows that there are many documented references of falls of large blocks of ice which go back to the first half of the 19th century (“pre-Wright” or previous to the invention of the airplane); for instance, in 1829, a block fell in Córdoba, Spain weighing 2 kg, and one in 1851 in New Hampshire weighing 1 kg. A block of 5 kg fell in October 1844 in Cette (France) and another one some 1 m × 1 m × 60 cm (surely much more massive) fell in 8 May 1802 in Hungary. Folkard (2003) describes the fall, in 13 August 1849, in Scotland of huge megacryometeors (of around 2 m in size) formed by hundreds of chunks of ice. The fall of a large ice conglomeration, which measured 26 × 14 × 12 cm and weighed 2.04 kg, is cited, in Germany, in 1936 (Talman 1936). More than 50 megacryometeors approximating 75 kg each (almost a ton in total weight) fell in Long Beach, California, on 4 July 1953 (McDonald 1960).

For many years the largest hailstone officially reported in the United States was one that fell at Potter, Nebraska, on 6 July 1928. It had a circumference of 43 cm and weighed 680 g. This record was surpassed on 3 September 1970 at Coffeyville, Kansas (USA). The giant hailstone measured 18 cm (7 inches) across about 44 cm (17.5 inches) in circumference, and weighed more than 750 grams (26 ounces) (NOAA 2004). Other cases of large hailstones include a large block of ice of almost 2 kg that fell in Kazakhstan, and another of almost one kg that fell at Strasbourg (Meaden 1977; Corliss 1983). Probably the best-documented fall of an ice chunk was April 2, 1973, in Manchester, England. The block weighed 2 kilograms and consisted of 51 layers of ice. Its origin was not determined (Griffiths 1975). Spectacular events in China and Brazil, fortunately all well studied by prestigious scientists, can be mentioned. In 1995, an ice block of about 1 m (Parker 1995) fell in Zhejiang (China) and in Campinas (Brazil) two huge megacryometeors of 50 and 200 kg (Pinto 1997) fell in 1997.

In the context of the study of ice fall events that have occurred in Spain, many of these scientists were personally contacted by one of the authors of the present paper (JMF) and are now co-ordinated in an international working group [see <http://tierra.rediris.es/megacryometeors/>]. The results of our studies indicate that megacryometeors are not the classical big hailstones, ice from aircrafts (waste water or tank leakage), or the simple result of icing processes at high altitudes. They are a different type of atmospheric meteors whose characteristics and atmospheric conditions of formation we are just starting to consider and understand. For this reason, although the analysis of the historical record of ice falls gathers many cases which are apparently similar, a simplistic analysis of these events, as a whole, could lead to confusion, as different types of ice falls correspond to different formation scenarios; hence the importance of defining differentiation criteria to distinguish between them.