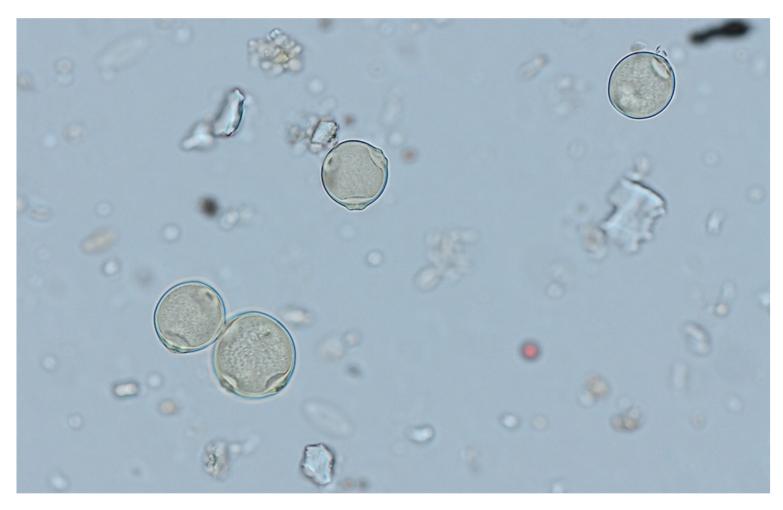


| | Medicine | | Higher Airborne Pollen Concentrations Correlate With Increased COVID-19 Infection Rates | |



Il Friday: March 26: 2021 | |  $\alpha$ . A recent international Study showed that higher pollen concentrations in the air correlate with increased COVID-19 infection rates. Pollen exposure weakens the response of immune system to some seasonal respiratory viruses. The effect was not connected with pollen allergy but, exposure to pollen can, in itself, weaken the capability of the body to fight off viruses.

Various factors explain the variation in COVID-19 infection rates. The Study reports that airborne pollen, sometimes in synergy with humidity and temperature, explained on average over 40% of the increase in the SARS-CoV-2 infection rate. The effect of high airborne pollen concentrations was not immediate. In most cases, infection rates increased four days after the peak in pollen concentrations. That corresponds, roughly, to the COVID-19 incubation period.

Microbiological laboratory experiments reported in preceding publications showed that pollen itself impacts the antiviral defense of the respiratory epithelium, where the viruses attack. Pollen exposure diminishes the release of anti-viral interferon. These interferons help the immune system fight the viruses. Thus, exposure to pollen can diminish the immunity against viruses.

The Study, also, estimated effects of different lockdown measures in the spring of 2020. Without lockdown measures, high airborne pollen abundance can lead to a noticeable increase of infection rates, up to tens of percent. Lockdown measures halved the infection rates under similar pollen concentrations. During a lockdown people have less exposure to both the virus and the pollen, that diminishes the immune response.

"Attention should be paid to timely information on the forthcoming pollen season and days with particularly high pollen concentrations. As a practical measure, it is recommended to reduce the pollen exposure during high pollen season. Pollen exposure can be avoided by reducing the time spent outdoors during the peak pollen season or using pollen particle filtering masks outdoors." says Professor Mikhail Sofiev from the Finnish Meteorological Institute, who participated in the data analysis of the Study.

"The pollen season is about to begin and the up-to-date information on pollen concentrations in the air can be found on Norkko service, a website maintained by the Pollen Forecasting of the University of Turku. Our researchers monitor pollen concentrations in the air year-round, so as soon as the first pollen particles are detected in the air, we're able to update the information to Norkko." says Adjunct Professor Annika Saarto from the University of Turku.

From Finland, Finnish Meteorological Institute:FMI and University of Turku:UTU participated in the Study. The Study is published in Proceedings of the US National Academy of Sciences journal in March 2021. The Study used data from 31 countries and around 150 scientists all around the world participated in the work. In the research, the FMI researchers worked in the core group as data analysts and participated in the design of the analysis and the UTU provided the pollen data for Finland.

FMI, in collaboration with UTU and other institutes in Finland and worldwide, actively develops pollen modelling and monitoring technologies, recently expanding the research to other biological particles in the air: spores, viruses, bacteria, etc. The FMI atmospheric composition model SILAM incorporates the most advanced pollen system in the world.

Pollen forecasting of University of Turku has monitored pollen concentrations in the air in Finland and published pollen forecasts since the 1970s. Norkko service uses advanced Pollen technology, the most advanced pollen system in the world, produced in collaboration with the Finnish Meteorological Institute. The researchers at Pollen forecasting of the University of Turku widely participate in research about pollen and spores in the air. Valuable long-term pollen data covering several decades enables, for example, detecting and studying the impacts of climate change.

::: Caption: Birch pollen particles seen through a microscope: Image: Pollen forecasting of the University of Turku utu.fi :::

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# | | Medicine | | The Tale of A Drug: COVID-19 Treatment: Here's One Made Earlier: Dexamethasone: Found by the National Health Service of the United Kingdom: So Far Saved an Estimated One Million Lives | |



| Friday: March 26: 2021 | |  $\alpha$ . Dexamethasone, an inexpensive and widely available steroid, has saved around one million lives worldwide since its discovery as an effective treatment for COVID-19 in a clinical trial in the National Health Service in the United Kingdom. New figures, published recently, show that the use of the drug has so far saved 22,000 lives in the UK and an estimated one million worldwide.

Since the RECOVERY trial, led by University of Oxford scientists and involving tens of thousands of patients and 175 NHS hospitals, announced the results just nine months ago, Dexamethasone has been used to treat millions of seriously unwell patients with COVID-19. The RECOVERY researchers found that Dexamethasone cut the risk of death by a third for COVID-19 patients on ventilators and for those on oxygen it cut deaths by, almost, a fifth.

Previously used for a wide range of ailments, including, allergies and skin conditions, the drug is now being used around the globe to improve survival in patients with COVID-19, who need oxygen or ventilation. NHS moved quickly to use the breakthrough research in hospital settings. Dexamethasone was made available to patients on hospital wards in England just hours after the results were announced in June.

The new figures are published in a paper for the NHS England board looking at how the health service has responded to the coronavirus pandemic, the greatest health emergency since it was founded. NHS Chief Executive, Sir Simon Stevens, said, "Thanks to the exceptional work of our researchers, NHS staff and patients, around one million lives may have been saved around the world. Research, that would, usually, take years, produced answers in record time; with results, that have reverberated across the globe. Just as this virus has spread across borders, so, too, must, the treatments and vaccinations, that are humanity's shared 'exit strategy' from this pandemic."

Professor Stephen Powis, NHS Medical Director, said, "None of us have previously lived through a year like this one, in which NHS staff responded quickly to care for the first cases last January and went on to expertly treat 380,000 hospitalised COVID patients. At the same time, they kept routine services going for millions of people, as well as, rolling out the biggest and fastest vaccination programme in our history, giving more than 23 million people vital protection against the virus."

Health and Social Care Secretary Matt Hancock, said, "This global pandemic has proven that the UK is a world-class force in identifying and rolling out lifesaving treatments to NHS patients. Finding dexamethasone through our government-funded RECOVERY trial was a true success story for British research and its fantastic to see the real impact it's having saving lives here and around the world."

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#### | | The Larin Paraske Maxim Or Oath: To Do No Harm to Anyone Or Anything | |



There can not be any sustainability until and unless we take the view that sustainability comes as philosophical, political philosophical, political economical, ethical, moral, sociological, educational, jurisprudential, socio-cultural and ecological and humanical spiritual so that we are able to create a sustainable 'architecture' of existence in a clean, green, circular and sustainable political economics, that underpins all forms and expressions of sustainability and when such an 'architecture' exists within the Larin Paraske Maxim or Oath: Do No Harm to Anyone or Anything: all things and all living forms must have equitable status in the sphere of all existence or all life on earth, with an emphasis on the Universana. Because humanity does not just exist on earth but it does so in the Sunnara, in the Home Bay of the Milky Way Galaxy in the vast expanse of the Universe, our home Universana.

 $\frac{https://thehumanion.com/PDFs/TheLarinParaskeMaximOrOathMunayemMayeni}{nPublishedMarch13-2020.pdf}$ 

#### ::: Humanics: All Humanity: All-for-One and One-for-All :::

::: The Humanics Elleesium Declaration 2019: The Humanicsxian Manifesto: Munayem Mayenin: ISBN: 978-0-244-76474-6: Published: April 06: 2019 <a href="https://thehumanion.com/TheHumanicsElleesiumDeclaration2019TheHumanicsxianManifesto.">https://thehumanicsxianManifesto.</a> <a href="https://thehumanicsxianManifesto.">https://thehumanicsxianManifesto.</a>

#### What Are Building-Block Foundational Human Rights



Ask Your Political Leaders About Building-Block Foundational Human Rights and Ask Them About Humanics

#### The Building-Block Foundational Human Rights

- A: Absolute Right to Live in Clean, Healthy, Safe and Natural Environment
- B: Absolute Right to Breathe Natural, Fresh, Clean and Safe Air
- C: Absolute Right to Necessary Nutritional Balanced Food and Drink
- D: Absolute Right to Free Medical Care at the Point of Need
- E: Absolute Right to an Absolute Home
- F: Absolute Right to Free Degree-Level Education and Life Long Learning
- G: Absolute Right to Guaranteed Social Care
- H: Absolute Right to a Universal Income
- I: Absolute Right to a Job
- J: Absolute Right to Dignified Civic and Human Funeral Paid Through by Universal Income



### This Is the Body of Work, by Munayem Mayenin, That Has Brought Into Existence the Philosophy and Vision of Humanics

#### Dehumanisation of Humanity: Volume One: Published: July: 2007: 978-1-4477-1330-2

Mayenin worked and developed the very critique of capitalism and Marxism while at university in which he had elvisioned the world's future in humanics for humanity to reach and achieve liberty and equality for all humanity, which capitalism has continually slaughtered and Marxism failed desperately, even, to understand, let alone, to know or show how to seek and achieve them. Some of these works were published in publications in the early 00s and the volume was published as a book in 2007. There are three other volumes of this planned work, yet to be published.

### <u>Humanics The Foundation: Volume One: Published: December 06: 2017: ISBN: 978-0-244-34575-4</u>

This piece of work elaborated the philosophy of humanics and presented the idea of human enterprise and how it works to enable humanity to conduct the human economical endeavours in humanics.

### <u>Humanics The Humanicsonomics: Volume Two: Published: June 12: 2018: ISBN: 978-0-244-48334-0</u>

This is the political economics or humanicsonomics of humanics in human enterprise. This volume presents the political economics of humanics and elvisioned world's future as two distinct phases: pre-humanical or Kapitalawnomics phase in which capitalism is saved from pseudonomics and brought under the absolute and complete control and power of the rule of law so to make it serve the people at all times and not the rich and through this phase, humanity brings into existence the humanical Building-Block Foundational Human Rights and end capitalism's Poverty Paradigm, that causes all of the high-cruelties, high-brutalities and high-barbarities, that are inflicted on the vast number of humanity on this earth. Further to this, this work advances the system and mechanism of human enterprise and elvisioned at the end of the development of Kapitalawnomics human societies will have developed enough to be able and equipped to try and seek to bring into existence humanical societies, that will begin to form a grid of humanical societies into a universal humanical civilisation on earth.

### The Humanics Elleesium Declaration 2019: The Humanicsxian Manifesto: Published: April 06: 2019: ISBN: 978-0-244-76474-6

This short piece of work nano-summarised the entire body of Munayem Mayenin's works on humanics. This calls on the working humanity of the world to rise, organise and united under new and humanical political forces, parties and organisations to seek and try to bring about a humanical world movement to lead humanity to equality and liberty.

#### Humanics The Humanicsovics: Volume Three: To Be Published Later This Year

This volume presents the political philosophy of humanics and the means to deliver that political philosophy by and through humanicsovics, humanical direct form of democracy without party politics whereby each and every individual human being becomes his:her own High Representative and they all run their society's human affairs management together as individuals, working together as scientists and mathematicians without any political parties.

#### Alphansum Sovereign Necessarius: Published April 14: 2020: ISBN: 978-0-244-58241-8

Although, this large volume is of metaphysical work, it has brought the whole humanical universal view in a harmonious outlook, unifying all expressions, fields, areas and arenas of human existence and in this process this work elvisioned the coming into existence the new branches of science, that has already been mentioned.

Laranska The Anatomy of Fear: Novel: Published: January 2009: ISBN: 978-1-4477-1426-2

No Man's Land's Bloom: Play: Published: May 2010: ISBN: 978-1-4477-0903-9

United Colours of Blood: Screenplay: Published: January 2009: ISBN: 978-1-4477-1615-0

Larantia Poetry of Anatophysiophilosophicamonimayareginata: A Magnum of a Planned Volume of 850 Sonnets About All Branches of Medicine: Currently Having Few Hundred Sonnets: First Published: October 14, 2016: ISBN: 978-1-326-28882-2

In his other major bodies of works, that are yet to be published Mayenin has worked on further in elaborating the psychology and social psychology of the zoohumanity, that capitalism and all the dehumanisations it has inflicted on humanity through its enforcement of inequality and the absence of liberty. These as yet unpublished works include: Psychology of Zoohuman, Humanical Jurisprudence, Sociology of Evil, Economics of Squalors: The High-Cruelties High-Brutalities and High-Barbarities of Capitalism, Humanical Moral Science, Social Morality Or Good State, Humanical Civilisation: A Universal Grid of Humanical Societies and Colossus Complexus: Eternally Learning Humanity.

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There can not be any sustainability until and unless we take the view that sustainability comes as philosophical, political philosophical, political economical, ethical, moral, sociological, educational, jurisprudential, socio-cultural and ecological and humanical spiritual so that we are able to create a sustainable 'architecture' of existence in a clean, green, circular and sustainable political economics, that underpins all forms and expressions of sustainability and when such an 'architecture' exists within the Larin Paraske Maxim or Oath: Do No Harm to Anyone or Anything:

all things and all living forms must have equitable status in the sphere of all existence or all life on earth, with an emphasis on the Universana. Because humanity does not just exist on earth but it does so in the Sunnara, in the Home Bay of the Milky Way Galaxy in the vast expanse of the Universe, our home Universana. Dear Reader, we are on the path of humanics, please, tell the world and world humanity that humanics has arrived on earth from 'the without of human imagination', learning, questioning and thoughts, gained from the eternal walks of this human soul's eternal journey on the eternal path of eternal learning, with its humanical metaphysics, humanical philosophy as natural science, humanical psychology, humanical political philosophy, humanical political economics, humanical jurisprudence, humanical sociology, humanical moral science and humanical arealism. For capitalism has created global warming and climate change and wracked the earth with environmental degradations and pollutions in all spheres, where bio-diversity is getting lost at an alarming rate as the earth keeps on being heated up. Humanity is devastated by capitalism's poverty-paradigm, delivering all its high-cruelties, high-brutalities and highbarbarities. This is why it is paramount that that we speak up and out and try our hardest to inspire faith, hope, determination and resolution among all humanity of this world, women and men, that we shall not just accept this 'sentence of doom', that capitalism's mindless consumerism, infinite greed of infinite profiteering, decadent voguism and venomous voyeurism, orchestrated by the Distorteddia have brought us and, yet, that we can, we should, we ought, we must keep on trying: 'to seek to try: to do: to change: to make better the human condition' and we do so as one humanity, as women and men, working together as one, in unison with the same aim, same goal, same objective: to get all humanity to liberty, equality, fairness and justice in the rule of law in natural justice, with a purpose and meaning to our existence, where we all humanity, with our all-unity and all-diversity, exist as one humanity naturale on one Mother Earth, in one Sunnara, in one Home Bay Milky Way Galaxy in the one Universana with the humanical foundation of faith: humanity is an infinity unfolding itself, in which, we are all-for-one and one-for-all.

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