

## Author's Notes

*I should dearly love that the world should be ever so slightly better for my presence. Even on this small stage something might be done by throwing all one's weight of breadth, tolerance, charity, temperance, peace, and kindness to man and beast. We can't all strike very big blows, but even the little ones count.*

Arthur Conan Doyle, 1877

'Rough men stand guard at night so we may sleep tight ... '

Rudyard Kipling, 1880

This book began as an intellectual exploration into the 'extreme green' idea of willful, forcible human extinction.

While many dystopian novels and movies have been developed on this extinction theme, I am unaware of any that delve deeply into the actual process of humanity's enforced, designed demise.

How would an entire species be 'done in', exactly? How would someone terminate the genus, *Homo sapiens*?

More than a few environmental websites, papers and individuals have raised the question of humanity as a disease on our planet Earth. Regardless of the validity or insanity of this

premise, I became curious as to the possibility of a designed extinction process.

Was it actually possible?

How would it transpire?

And the unintended consequences?

It is nearly impossible to purposefully wipe out an entire species. While less than 1% of all species have left any physical records, 99% of all species that have ever existed on Earth are extinct.

Yet none were purposefully 'done in', as far as we know.  
(<https://www.theatlantic.com/science/archive/2017/06/the-ends-of-the-world/529545/>).

Mass extinctions are the closest we can get to species extinction and these have occurred rarely - five times over four billion years.

External causes are always the culprits.

We have no idea why many of these extinctions happened. Actually, that's not completely true. We do know how several happened. Volcanoes. Sunspots. An excess of gamma rays. Meteors. Methane burbles, CO2 reduction, massive ice sheets, etc.

And life always survives. In some form.

But what would be the process of purposefully eradicating an entire species?

The diseases of humanity (of the past 500 years or so) have 'put down' 10% - 40% of our forebears, depending upon the circumstances.

Three elements seem to meet the initial requirement: proximity, propagation and an external driver.

Proximity is always the deal maker - and the deal breaker. Diseases need bodies to infect, whether bacterial, viral or fungal. While some can survive for decades or centuries in stasis, while viruses are the longest surviving 'creatures' on Earth, none can propagate without fresh meat.

Propagation is the next requirement. The mass migration each year to Mekkah is an example of an external driver that allows for rapid propagation. Air travel allows for density propagation in short time intervals. EMP attacks provide a cover for death and starvation. Food supply attacks are the simplest forms of death events. Relatively easy to apply, long lasting and difficult to trace., or even discover.

Yet, an external intervention is still required. Hence, CRSPR-CAS9 and the Nanos.

The 'facts' of this story are purposefully distorted. No one is going to be able to repeat any of these sequences and kill millions. The names have been changed to protect the innocent - the names of the molecular and chemical strategies here mentioned.

The heroine of the tale, Dr. Blake, is a real person, again with a new nomen. She shall remain nameless, distorted beyond recognition by the author's slippery pen.

The 'protectors of the realm', the Star Chamber, is the CDC, the Center for Disease Control. Their weapons of choice are the EIS teams. These teams are the real ninja warriors of today's biological warfare marketplace. They intervene in near real time, often upon the discovery of but a single infected person. While they succeed in two of the endings, in the third they are done in by Tracker.

Their defenses are deep and significant. I do not describe them too deeply for fear of tipping the scale in favor of a real

Tracker, or group thereof. Most of what is described here is quite literally a figment of my own imagination. It is meant to tell a tale both fascinating in its macabre nature and precautionary in its potential endgame.

There are Trackers and Kurtzes in our real world, have no doubt. Whether an individual or demented group, they can wreak havoc on our global society today. And there are far more of those than we want to realize – those who delight in dipping their hand into a chest and ripping out a beating heart. Aztlan indeed.

Perhaps that is one of the objectives of this tale. Globalization brings with its success its own potential for destruction. The seed of death lies within the seed of life. Cancer spreads within healthy cells.

Another is the clear warning. Madmen willfully seek to destroy because they love to watch the flames. Whether arsonists or weathermen, Stalinists or climate fear mongers, they use a front to dissemble. Their hustle is neither a workers' proletariat nor an excess of atmospheric molecular diffusion. It is destruction via control. Or, destruction for the sake of itself. Nero is doing quite well in today's world ... we are the new Christians, offered in blood lust to the heartless gods of modernity.

We have been taught that money and power are the greatest evils. These are not our enemies. They are simply tools. As a tool, each can leverage skills in nearly infinite ways. Ask any wealthy, powerful person. The joy of the hunt, the thrill of the kill: each of these is the real draw. The game is in the candle's making, not its selling. Adam Smith's brazen truth.

Each tool in its own way may encourage slaughter. Kurtz and Tracker both are driven by one lust - blood lust. All else is fabrication.

The third, most important tale here is of praise for those who give of time and blood and treasure. These members of the EIS, the doctors and the Directors at CDC and the WHO are the first and often last line of defense against such things as have been here imagined. While they may be defeated here by an excess of death, in our world they rarely fail. They are true civil servants. They serve society.

And they run through scenarios such as we have here every few years at John Hopkins University. Each time they build a scene and spend days working through it they learn more – about coordination, the unknown and the facts and fissile of epidemics. And they always have the same result. The bugs always win...

Fifteen years ago, and again three years ago, US contingency planners developed simpler scenarios than those here described. In both cases the 'story runs' had to be suspended after a few days of real time development with real time players from real government agencies. The outbreaks broke the game. Millions of imaginary citizens were dying as the diseases outran every effort of control. The participants describe their genuine fears resulting from the experience. The second run was in direct response to the prior decadal event. The outcome was worse ... and these are the front-line professionals playing the game.

So, take me to task for plot, scene or storyline certainly. But do not worry yourselves over frivolous facts herein described. They are willfully falsified.

As for some of the background information on techniques herein described:

Apps for private communication between cells (terrorist, et al) are readily available: Threema, Zello, Telegram, Tutanota, ProtonMail are but a few examples of fully encrypted platforms.

Websites abound with information on CRISPR CAS9, all of the diseases herein, each of the methods of development and profusion and the reactive abilities of the CDCS of our world.

As a postscript, please find attached here a rather complete list of quotes from those who advise climate fear, climate control or human extinction. These men, and more than a few women, advise for a global government, 'life by design'. Or the eradication of Homo sapiens.

They know best what is best for the rest of us. As you read these, know that these people hold enormous power. They do so irrespective of who is in government at any moment, regardless of which political party rules, despite the opinions of others and in spite of the effect upon the poor, particularly the poorest in every country on the planet.

These quotes are purposefully undated. You can google them yourself for the exact date. My point is that these sentiments are timeless. Whether from 1972 or 2018, they reflect a continuum of thought. Some are clearly more equal than others.

*“The fact that an opinion has been widely held is no evidence whatever that it is not utterly absurd; indeed in view of the silliness of the majority of mankind, a widespread belief is more likely to be foolish than sensible.” – Bertrand Russel*

A reality about our species seems to be we breed a certain percentage of our population that wants to do a lot of harm to others.

Karl Venter

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*"My three main goals would be to reduce human population to about 100 million worldwide, destroy the industrial infrastructure and see wilderness, with its full complement of species, returning throughout the world."*

**-Dave Foreman,**  
co-founder of Earth First!

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*"Current lifestyles and consumption patterns of the affluent middle class - involving high meat intake, use of fossil fuels, appliances, air-conditioning, and suburban housing - are not sustainable."*

**- Maurice Strong,**  
Rio Earth Summit

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*"A reasonable estimate for an industrialized world society at the present North American material standard of living would be 1 billion. At the more frugal European standard of living, 2 to 3 billion would be possible."*

**- United Nations,**  
Global Biodiversity Assessment

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*"A total population of 250-300 million people,  
a 95% decline from present levels, would be ideal."*

**- Ted Turner,**  
founder of CNN and major UN donor

*"One America burdens the earth much more than  
twenty Bangladeshis*

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*"The extinction of the human species may not  
only be inevitable but a good thing."*

**- Christopher Manes,** Earth First!

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*"It is the responsibility of each human being today to  
choose between the force of darkness and the force of light.  
We must therefore transform our attitudes, and adopt a renewed  
respect for the superior laws of Divine Nature."*

**- Maurice Strong,**  
first Secretary General of UNEP

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*"The spirit of our planet is stirring!"*



*The Consciousness of Goddess Earth  
is now rising against all odds,  
in spite of millennia of suppression,  
repression and oppression inflicted on Her  
by a hubristic and misguided humanity.*

*The Earth is a living entity, a biological organism  
with psychic and spiritual dimensions.  
With the expansion of the patriarchal religions  
that focused on a male God majestically  
stationed in Heaven ruling over the Earth and the  
Universe, the memory of our planet's innate Divinity  
was repressed and banished into the  
collective unconscious of humanity."*

**- Envision Earth**

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affluent middle class - involving high meat intake,  
use of fossil fuels, appliances, air-conditioning,  
and suburban housing - are not sustainable."*

**- Maurice Strong,**  
Rio Earth Summit

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*"The Earth has cancer  
and the cancer is Man."*  
- **Club of Rome**,  
Mankind at the Turning Point

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*"Complex technology of any sort is an assault on  
human dignity. It would be little short of disastrous for us to  
discover a source of clean, cheap, abundant energy,  
because of what we might do with it."*  
- **Amory Lovins**, Rocky Mountain Institute

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*"The prospect of cheap fusion energy is the  
worst thing that could happen to the planet."*  
- **Jeremy Rifkin**,  
Greenhouse Crisis Foundation

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*"Giving society cheap, abundant energy would be the  
equivalent of giving an idiot child a machine gun."*  
- **Prof Paul Ehrlich**, Stanford University

*"By the end of this century climate change will reduce the  
human  
population to a few breeding pairs surviving near the Arctic."*  
- **Sir James Lovelock**,  
Revenge of Gaia

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*"Climate Change will result in a catastrophic global sea level rise of seven meters. That's bye-bye most of Bangladesh, Netherlands, Florida and would make London the new Atlantis."*

**- Greenpeace International**

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*"This planet is on course for a catastrophe.  
The existence of Life itself is at stake."*

**- Dr Tim Flannery,**  
Principal Research Scientist

*"Effective execution of Agenda 21 will require a profound reorientation of all human society, unlike anything the world has ever experienced a major shift in the priorities of both governments and individuals and an unprecedented redeployment of human and financial resources. This shift will demand that a concern for the environmental consequences of every human action be integrated into individual and collective decision-making at every level."*

**- UN Agenda 21**

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*"The current course of development is thus clearly unsustainable. Current problems cannot be solved by piecemeal measures. More of the same is not enough. Radical change from the current trajectory is not an option, but an absolute necessity. Fundamental economic, social and cultural changes that address the root causes of poverty and environmental degradation are required and they are required now."*

– from the **Earth Charter website**

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*"If we don't overthrow capitalism, we don't have a chance of saving the world ecologically. I think it is possible to have an ecologically sound society under socialism. I don't think it is possible under capitalism"*

- **Judi Bari**,  
principal organiser of Earth First!

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*"Global Sustainability requires the deliberate quest of poverty, reduced resource consumption and set levels of mortality control."*

- **Professor Maurice King**

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*"We must make this an insecure and inhospitable place for capitalists and their projects. We must reclaim the roads and plowed land, halt dam construction, tear down existing dams, free shackled rivers and return to wilderness millions of acres of presently settled land."*

- **David Foreman**,

co-founder of Earth First!

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*"Complex technology of any sort is an assault on human dignity. It would be little short of disastrous for us to discover a source of clean, cheap, abundant energy, because of what we might do with it."*

- **Amory Lovins**, Rocky Mountain Institute

*"When the facts are incontrovertible and the conclusions inescapable; when success could bring a vast improvement in the welfare and happiness of millions; and when the penalty of failure is global disaster: surely humanity will want to collaborate and make sure that sanity prevails. ...maybe it is time that instead of controlling the environment for the benefit of the population, we should control the population to ensure the survival of the environment."*

Sir David Attenborough

*"In searching for a new enemy to unite us, we came up with the idea that .. the threat of global warming.. would fit the bill.... the real enemy, then, is humanity itself....we believe humanity requires a common motivation, namely a common adversary in order to realize world government. It does not matter if this common enemy is a real one or....one invented for the purpose."*

— Club of Rome

Jonas, Olga B.. 2013. Pandemic Risk. World Bank, Washington, DC. © World Bank.  
<https://openknowledge.worldbank.org/handle/10986/16343>  
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'The Real Enemy Is Humanity Itself

Club of Rome

If we don't change, our species will not survive...  
Frankly, we may get to the point where the only way of  
saving the world will be for industrial civilization to collapse.

- Maurice Strong, September 1, 1997 National Review;  
founder of the UN Environment Program (UNEP)

*"... and he that will not apply new remedies must expect  
new evils; for time is the greatest innovator. . . ."*

*--The Essays by Sir Francis Bacon,*

1601

*Hope is an expensive commodity*

Thucydides

*'We can only imagine what this (Soviet) complex really  
accomplished.'*

Sonia Ben Ouagrham-Gormley,

Barriers to Bioweapons.

"Bacteria have a memory. They're carrying about pieces of  
their evolutionary history in unexpected forms, waiting to be  
expressed".

Joshua Lederberg

Emerging Epidemics

"

gentlemen, it is the microbes who will have the last word"

Louis Pasteur

Ceux qui peuvent vous faire croire des absurdités,  
peut vous faire commettre des atrocités." – Voltaire

### Extra material:

Pathogens have evolved to ignore antiseptic treatment of countertops and gloves and surgical instruments. Even the cleanest surfaces, instruments and gloves in a super clean hospital were susceptible. The furious pace added to CRE's infectious ability. Infected, blood stained gloves and clothing littered Bay Area hospitals. Secondary infections added to the suffering and the deaths. These infections of hospitals by antibiotic resistant bacteria were ignored. During these high stress times, care workers often flushed bodily filth down a sink - infecting the sink surfaces with yet more disease. Stainless steel surfaces were particularly incident to the spread of CRE. The elderly and pregnant were susceptible, as were the recently operated upon. Without intention, the CRE expansion furthered the cause of eradication. A few million more died simply because they had been hospitalized.