

A Global Citizens Report against Big Ag, Big Pharma and Governments

What are pesticides and medical drugs doing to
human health?



2014



“ Coalition against Bayer Dangers, www.CBGnetwork.org” and Kostas Koufogiorgos: 150
Jahre BAYER / 150 Years of BAYER



Compiled by Rosemary Mason MB ChB FRCA on behalf of a global network of independent
scientists, beekeepers and environmentalists

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- Have you wondered why pollinators, birds, amphibians, bats *etc.* have dramatically decreased in numbers in the last 20-30 years? Or perhaps you weren't even aware of the fact – because the British Media has been silent on the matter.
- But you will be aware of the increasing number of diseases that are affecting us all: obesity, type 2 diabetes, autism, Dementia, Alzheimer's disease, Parkinson's, various neurological disorders, cancers, inflammatory bowel diseases such as Crohn's Disease and Ulcerative Colitis, infertility, birth defects, depression, heart disease, strokes, hypertension *etc.*
- Why has no-one in medicine, public health or medical epidemiology managed to work it out? *"It's difficult to get a man to understand something if his salary depends upon his not understanding it."*¹
- The answer is simple; but the cure is not. We are slowly, silently being poisoned. Our genes, and those of our children, are being damaged by toxic chemicals.² Of course it is something of a 'post-code' (or water-shed 'post code' lottery³) and depends on where you are living. If you live in London and eat organic food, you may not have noticed. But there are pesticide residues (particularly glyphosate) in staple foods that are made from cereal crops, because many are desiccated (dried off) with glyphosate before harvest. Since 2007, most brewers and distillers have permitted pre-harvest desiccation to be done, so it will now be in beer and whisky. Most of the imports from the US have ingredients contaminated with GM and herbicides (such as glyphosate, 2,4-D, glufosinate, dicamba) in the production process.
- In South Wales we have found that glyphosate is present in our tap water.⁴ This is because large amounts of glyphosate are used on noxious weeds such as Japanese knotweed that are invading previously industrialised areas. Contractors on quad bikes with knapsacks have been spraying Roundup® along kerbs, verges, highways, even in areas of schools, libraries and doctors surgeries. In 2012 the Chemicals Regulation Directorate (CRD) instructed the workers not to spray on hard surfaces,⁵ because there is a lot of run-off into water courses, but I doubt whether a technical instruction posted on a website ever gets passed on to a worker.
- Our Assembly Member wrote to the Local Council, but they said that Roundup® was perfectly safe. (This is a Monsanto myth: since 1996 the Corporation has been convicted in courts for fraudulent and false advertising⁶). Our Council refused to stop spraying until they were instructed to do so by the CRD or Defra. We have spent 3 years writing to these two Government Departments. Both maintain that glyphosate

¹ Upton Sinclair. American writer <http://www.goodreads.com/quotes/21810-it-is-difficult-to-get-a-man-to-understand-something>

² www.chemicalbraindrain.info

³ http://www.abcbirds.org/abcpprograms/policy/toxins/Neonic_FINAL.pdf

⁴ <http://farmwars.info/?p=11565> Page 1.

⁵ [http://www.monsanto-](http://www.monsanto-ag.co.uk/content.output/165/165/Roundup/Amenity/Streets%20and%20Pavements.msp)

[ag.co.uk/content.output/165/165/Roundup/Amenity/Streets%20and%20Pavements.msp](http://www.monsanto-ag.co.uk/content.output/165/165/Roundup/Amenity/Streets%20and%20Pavements.msp)

⁶ <http://www.mindfully.org/Pesticide/Monsanto-v-AGNYnov96.htm>

and the neonicotinoid insecticides are perfectly safe if applied in the correct dosages! We remain at an impasse and continue to be poisoned by Government policies.

- Unfortunately some members of the British Government, such as the Defra Minister, Environment Minister, Science Minister and their Chief Scientists and a few MPs are ‘in bed’ with the pesticides companies. They, together with NFU Chairman, Peter Kendall, and many scientists from the John Innes Centre have held secret meetings with industry to devise a strategy to try to get GM crops into the UK.⁷ Paradoxically, at the same time, a significant number of countries are banning them.
- Here is a 2012 Report: **Combatting Monsanto: Grassroots resistance to the corporate power of agribusiness in the era of the ‘green economy’ and a changing climate.**⁸ It is compiled by *La Via Campesina*,⁹ *Friends of the Earth International* and *Combat Monsanto*. Many countries have banned GMO crops. This Report also documents many crimes (including murder) committed by the Corporate Industries in their quest for seed and pesticide dominance. Is it significant that the UK has volunteered to take the first stockpile of chemicals from Syria (for the deadline: 31/12/2013) into an unknown British Port for destruction? These precursors are capable of being used by the pharmaceutical industry.¹⁰
- The supposedly independent committees in the UK; the Advisory Committee on Pesticides (ACP) and the Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment (CoT) both have at least one or two members with conflicts of interest. Defra Committees are also filled with ‘trusted’ graduates from British Universities.
- Fera bee scientists have been executing work commissioned by Syngenta¹¹ and when the long awaited work on bumblebees¹² was rejected by EFSA as being deeply flawed, Dr Helen Thompson Fera Chief Bee Scientist responsible announced she was going to work for Syngenta (full time!). This had happened once before in 1997 with Dr Peter Campbell, Head of the UK Pesticides Safety Directorate, who rotated into Syngenta).
- The British Beekeeping and the Scottish Beekeeping Associations (BBKA, SBA) have been in receipt of industry money and are on Defra’s side.¹³ They claim that there is no Colony Collapse Disorder (CCD) in the UK. This is in stark contrast to the European Beekeeping Coordination which is joining with Buglife in a new lawsuit.

⁷ Attendees on: <http://tinyurl.com/9jbce4g> Agenda on: <http://tinyurl.com/8ahylza>

Summary on: <http://tinyurl.com/92rrajn>

⁸ <http://www.groundwork.org.za/Press%20Releases/Monsanto%20Publication%20-%20EN%20Final%20Version.pdf>

⁹ An international movement which brings together millions of peasants, small and medium-size farmers, landless people, women farmers, indigenous people, migrants and agricultural workers from around the world. It defends small-scale sustainable agriculture as a way to promote social justice and dignity. It strongly opposes corporate driven agriculture and transnational companies that are destroying people and nature

¹⁰ Why is the UK taking the chemical weapons from Syria?

<http://www.theguardian.com/world/2013/dec/20/syrian-chemical-weapon-arsenal-destruction-timetable-uk-boost>

¹¹ <http://www.defra.gov.uk/publications/files/pb13937-neonicotinoid-bees-20130326.pdf>

¹² <http://www.fera.defra.gov.uk/scienceResearch/scienceCapabilities/chemicalsEnvironment/documents/reportPS2371Mar13.pdf>

¹³ <http://www.independent.co.uk/voices/commentators/michael-mccarthy-bbka-oligarchy-has-buried-the-truth-in-its-cosy-relationship-with-the-pesticide-lobby-2182242.html>

The Year 2014 marks the People's 'Fight for Life' vv Governments and Corporations.

In December 2013, I was invited to be a Guest Speaker at a Symposium in Beijing to be held in July 2014, to give an account of the toxicity of glyphosate (despite all our evidence having been dismissed as 'hypothetical' by Lord de Mauley and the CRD). In China there are epidemics of Parkinson's disease and depression. There are several preparations of glyphosate to choose from, Monsanto, Bayer or cheaper Indian and Chinese lookalikes. I cannot attend in person, but I have sent them our papers. I give links to four of them here; but the most recent one: How glyphosate is being whitewashed for its review in the EU and the US is attached to this email. The following documents have been posted:

Corporate Espionage: The Seralini Affair and Beyond (sent to Dirk Detken Chief Attorney to the European Food Safety Authority on 13/12/2013 with cc to Scotland and Europe): is at: <http://farmwars.info/?p=12140>

Glyphosate: Destructor of Human Health and Biodiversity: Another Silent Killer: This was the first letter sent on 06/09/2013 to Sir Harry Burns, Chief Medical Officer for Scotland. It was eventually acknowledged, but only after I had had to ask for one. <http://farmwars.info/?p=11565>

Glyphosate, GMOs and the BBC: in which I addressed Prof Jonathan Jones and the BBC about their misconceptions about the effects of Glyphosate on Human Health on 21/10/2013. <http://farmwars.info/?p=11789>

Glyphosate at the root of human and animal diseases: epidemiological evidence: this was the second letter to Sir Harry Burns, Chief Medical Officer for Scotland, sent on 21/11/2013. The reply (received on 13/12/2013) was negative and had clearly been written by a member of the Chemicals Regulation Directorate. However, when I came to print it out, the letter vanished before my very eyes, before I had a chance to put it on record. <http://farmwars.info/?p=11963>

For those of you who wish to see more of Dr Nancy Swanson's graphs correlating glyphosate with diseases in those on a Western diet.^{14,15}

Glyphosate residues are increasingly found in humans and animals

To understand the metabolic problems created by glyphosate please watch this video
Samsel & Seneff's paper¹⁶ has some complicated metabolic concepts, so we will allow Dr Stephanie Seneff to explain the mechanisms herself. Here she is being interviewed by Jeffrey M. Smith, the Executive Director of the Institute for Responsible Technology and bestselling author of *Genetic Roulette* and *Seeds of Deception*. The whole interview takes about an hour but is worth watching; it explains the mechanism of causation of autism, obesity, type 2 diabetes and Dementia, among other diseases, and suggests micronutrient supplements that have helped to improve, for example, autistic children. Low levels of the

¹⁴ <http://sustainablepulse.com/wp-content/uploads/GMO-health.pdf>

¹⁵ <http://www.moraybeedinosaurs.co.uk/neonicotinoid/Corporate%20Espionage%20The%20Seralini%20Affair%20and%20Beyond.pdf>
<http://farmwars.info/?p=11789>

¹⁶ <http://www.mdpi.com/1099-4300/15/4/1416>

amino-acids serotonin and tryptophan account for the massive increases in the incidence of depression (which can't be cured by cognitive therapy, only SSRIs).

http://www.youtube.com/watch?v=h_AHLDXF5aw&feature=player_embedded

Defra Expert Committee on Pesticide Residues in Food¹⁷

This is why we all have glyphosate residues in our bodies: it is in our staple foods

The results from monitoring of Pesticide Residues in food have been published quarterly since 2000. Bread and breakfast cereals are staple foods but there are no maximum residue limits (MRLs) for bread or cereals. Residues in bread are tested twice a year.

2002 3rd Quarter: Comments: *“Residues of chlormequat,¹⁸ glyphosate and pirimiphos-methyl¹⁹ were found (in bread). These pesticides are commonly used on cereal crops, and residues have been found in other cereal products, therefore these findings are not unexpected. None of the residues found were of concern for consumer health.*

2006 3rd Quarter: Comments: *“Eating more starchy foods, like bread, is an important part of the Food Standards Agency’s (FSA) advice on healthy eating. The incidence of pesticide residues in bread is relatively high, but our assessment of the risk indicates that the levels we have found in this survey would not be expected to have an effect on health.”*

2007 3rd Quarter: Comments: *“Eating more starchy foods, like bread, is an important part of the FSA’s advice on healthy eating. We often find pesticide residues in bread but our assessment of the risk indicates that the levels we have found in this survey would not be expected to have an effect on health. We have asked the Secretariat to write to the Home Grown Cereals Authority about the incidence of residues”. I couldn’t find a reply.*

2011 3rd/4th Quarters for Lentils: Comments: *Sixteen samples of lentils contained glyphosate above the MRL. A new higher level of glyphosate is expected to come into force in summer 2012. None of the residues detected in this survey would be above the new proposed MRL.”*

EFSA’s Reasoned Opinion Panel increases MRLs at the request of industry (Monsanto in this case, to 100 times the previous MRL!)

Monsanto Europe asked EFSA to set the import tolerance for glyphosate in lentils *“in order to accommodate the authorised desiccation use of glyphosate in lentils in the US and Canada”* from 0.1 mg/kg to 10 mg/kg²⁰ (i.e. 100 times: January 2012). EFSA had granted similarly elevated MRLs for glyphosate on wheat and GM soya.

Reviews of glyphosate for re-registration in the EU and the US will be held in 2014

Virtually all the companies have their own brand of glyphosate; Monsanto’s is Roundup®. Bayer Garden has Super Strength Glyphosate.²¹ Each is ‘formulated’ with a highly toxic stabiliser, a commercially secret ingredient, which allows it to penetrate surfaces in the manner of corrosive detergents.²² The authors studied nine formulations and demonstrated that all formulations are more toxic than glyphosate alone. Among them, POE-15 appears to be the most toxic principle against human cells, even if others are not excluded. The Regulatory Agencies such as EFSA have only assessed plain glyphosate. It was evaluated in

¹⁷ <http://www.pesticides.gov.uk/guidance/industries/pesticides/advisory-groups/PRiF/about-PRiF>

¹⁸ Chlormequat, a plant growth regulator was present consistently throughout.

¹⁹ pirimiphos-methyl, is an organophosphate insecticide for use in storage. The approval was revoked on 24/03/2011, but it was only finally banned 31/03/2013, presumably to allow stocks to be used up.

²⁰ <http://www.efsa.europa.eu/en/efsajournal/pub/2550.htm>

²¹ <http://www.bayergarden.co.uk/en/data/Products/s/Super-Strength-Glyphosate.aspx>

²² Ethoxylated adjuvants of glyphosate-based herbicides are active principles of human cell toxicity. Toxicology 2013. <http://dx.doi.org/10.1016/j.tox.2012.09.006>

2002 by Germany, the Rapporteur Member State, and is due to be re-evaluated in 2014. If it is deregulated, most of the commercial GM crops will have to go as well because they are glyphosate-tolerant and can resist large amounts of glyphosate being sprayed to kill ordinary weeds. The development of super-weeds means that more glyphosate, or another herbicide has to be applied. 'How glyphosate is being whitewashed for its review in the EU and the US' is attached.

The Battle Lines are already drawn up in this David *vs* Goliath contest

Syngenta has submitted a legal challenge to the European Commission's decision to suspend the use of thiamethoxam on bee attractive crops²³ and the National Farmers' Union has announced that they are going to join Syngenta in the lawsuit.

Bayer CropScience is suing the European Commission.²⁴ A subsidiary of Bayer AG (FWB: BAYN) is challenging Europe's recent ban on a class of pesticides believed to be killing off millions of bees.

The British Government has joined forces with Monsanto, EFSA and the EU Commission to fight civil society in the EU Court to defend the right to import Monsanto's transgenic soybean Intacta® which produces an insecticide and is resistant to glyphosate herbicides such as Roundup®.²⁵

However, Civil Society is fighting back against government and corporations

An Australian organic farmer is suing his neighbour (effectively Monsanto)²⁶

This is a landmark world's first trial beginning on February 10 2014 Steve Marsh, an organic farmer from Kojonup, south of Perth, lost organic certification for most of his farm when GM canola (Oil Seed Rape) contaminated his crop. He is suing his neighbour (whose costs will be paid by **Monsanto**²⁷) in the Supreme Court of WA. On 11/12/2013 independent South Australia Senator Nick Xenophon launched the farmers' petition,²⁸ and videos and a website for the Safe Food Foundation, which is coordinating fundraising for Steve's case which is already attracting global interest as the first of its kind.

Six NGOs are mounting a legal action to defend the neonicotinoids ban: Buglife, Client Earth, SumOfUs, Pesticides Action Network, Greenpeace and the European Beekeeping Coordination²⁹ and are applying to the courts to defend a ban of three deadly chemicals found to have harmful effects on wildlife. Buglife³⁰ (CEO Matt Shardlow) has been fearless in the fight against pesticides. It is the sole conservation organisation in the UK to stand up

²³ <http://www.syngenta.com/global/corporate/en/news-center/news-releases/pages/130827.aspx>

²⁴ <http://www.ibtimes.com/bayer-cropscience-fights-europes-pesticide-ban-petition-blasts-bee-killing-chemical-giant-1403820>

²⁵ <http://www.testbiotech.de/en/node/898>

²⁶ <http://sustainablepulse.com/2013/12/08/australian-farmers-gain-mass-consumer-support-gmo-pollution/#.UqlkFPRdU64>

²⁷ Monsanto has the money to win in court and/or settle with anyone who opposes them.

http://www.naturalnews.com/034847_Michael_Taylor_Monsanto_FDA.html

²⁸ www.change.org/contamination

²⁹ <http://www.buglife.org.uk/news-%26-events/news/environmental-ngos-fight-bayer-and-syngenta-over-bee-killing-pesticide-ban>

³⁰ <http://www.buglife.org.uk/>

and be counted. The Buglife paper against the neonicotinoids³¹ was published in 2010. Buglife needs money to fight this legal action and to buy reserves to protect invertebrates: *'the small things that run the world'*.

Loss of Invertebrates: *'the small things that run the world'*

In the US in 1980, Professor E.O. Wilson,³² the eminent Harvard entomologist, was asked to identify the most important problem facing the world in the next decade. To quote his words: *"The one process on-going in the 1980s that will take millions of years to correct is the loss of genetic species diversity by the destruction of natural habitats. This is the folly our descendants are least likely to forgive us."*

Sir David Attenborough said: *"If we and the rest of the back-boned animals were to disappear overnight, the rest of the world would get on pretty well. But if the invertebrates were to disappear, the world's ecosystems would collapse."*

Civil Society will be defending itself against the Lawsuit brought by the British Government³³ NB not a single British organisation defending, only European

The defence of the lawsuit will be led by Testbiotech, a German biotechnology firm.³⁴:

Christoph Then, info@testbiotech.org, Tel +49 15154638040, www.testbiotech.org

ENSSER: www.ensser.org

Foundation on Future Farming: www.zs-l.de

Manfred-Hermesen-Stiftung: www.m-h-s.org

Sambucus: www.sambucus.org

Society for Ecological Research: www.oekologische-forschung.de

German Family Farmers Association (ABL): www.abl-ev.de

The GMO Emperor has no clothes.³⁵ A Global Citizens Report on the State of GMOs False Promises, Failed Technologies

This 251-page document has been coordinated by Vandana Shiva, Navdanya; Debbie Barker, Centre for Food Safety; Caroline Lockhart, Navdanya International with contributions from 21 global organisations in the following countries; USA, Mexico, Latin America, Uruguay, Patagonia, France, Germany, Italy, Switzerland, Poland, Russia, Africa, India, Japan and Australia. **WHERE WAS GREAT BRITAIN?**

Are we living in a Democracy or a Dictatorship?

We are beginning to understand the patterns of the outrageous conspiracy between the US Government, the British Government, the Big Corporations, including 'Philanthropists' who are still making money from those same Corporations. That might explain some of the intense surveillance by GCHQ and NSA of many other organisations. Nevertheless, rich,

³¹ <http://www.buglife.org.uk/sites/default/files/revised%20neonics%20report.pdf>

³² Prof E O Wilson's quotation at <http://www.rense.com/general96/killingbees.html> Killing Bees In America & Worldwide Will Be The Death Of Humanity by Frosty Wooldridge.

³³ <http://www.testbiotech.de/en/node/898>

³⁴ Testbiotech was founded in 2008 by a group of experts and registered as a non-profit organisation to promote independent research and public debate on the impacts of biotechnology. Testbiotech is a centre of expertise concerned mainly with the ecological, social and ethical consequences of modern biotechnology. It is in Frankfurt.

³⁵ <http://t.co/MWNFnc1bH>

powerful and clever as they all are, they have no concept of environmental factors, of what Nature does for us for free. They have not been watching the “canary in the cage” although conservation organisations have repeatedly warned them.

Undoubtedly, if nothing changes, we are heading for the 6th Global Extinction.

The systemic neonicotinoid insecticides; a disaster in the making

On December 3rd 2010, we sent CRD and Defra information (and later a pdf link) to Dr Henk Tennekes’ book. Dr Tennekes, an independent Dutch toxicologist, first warned of the dangers of the systemic neonicotinoids in his book: *The systemic neonicotinoid insecticides: A disaster in the making*. Dr Tennekes says that his book: “... catalogues a tragedy of monumental proportions regarding the loss of invertebrates and subsequent losses of the insect-feeding (invertebrate-dependent) bird populations in all environments in the Netherlands. The disappearance can be related to agriculture in general, and to the neonicotinoid insecticide imidacloprid in particular, which is a major contaminant of Dutch surface water since 2004.” The relationship exists because of crucial (and catastrophic) disadvantages of the neonicotinoid insecticides: the damage to the central nervous system of insects is irreversible and cumulative. Tennekes showed that there is no safe level of exposure, and even minute quantities can have devastating effects in the long term. They leach into groundwater and contaminate surface water and persist in soil and water, chronically exposing aquatic and terrestrial organisms to these insecticides. “So, what, in effect, is happening is that these insecticides are creating a toxic landscape, in which many beneficial organisms are killed off.” Tennekes and Sánchez-Bayo, in a more recent paper, demonstrated that chemicals that bind irreversibly to specific receptors (neonicotinoids, genotoxic carcinogens and some metalloids) will produce toxic effects in a time-dependent manner, no matter how low the level of exposure.³⁶

Imidacloprid was licensed for use in Europe in 1994 and in July 1994, beekeepers in France noticed something unexpected. Over the course of a few days, just after the sunflowers had bloomed, a substantial number of their hives would collapse, as the worker bees flew off and never returned, leaving the queen and immature workers to die. The French beekeepers soon believed they knew the reason; a brand-new insecticide called Gaucho® with imidacloprid as active ingredient was being applied to sunflowers.³⁷ In 2003, and new longer acting insecticide, Clothianidin, was given conditional registration by the US EPA³⁸ but, 10 years on, field trials for its effects on honey bees are still lacking. It is also extremely persistent in the soil.³⁹ The half-life in soil of clothianidin ranged from 13-1386 days. In a later trial it was still in the soil at 19 years, but the US EPA decided to discount that figure.

An ex-US EPA employee says that the bees in the US have almost gone:⁴⁰ he describes the corruption amongst Regulators at the top of the US EPA, and what happened to ecologists who pointed out the effects of these neurotoxic weapon-like biocides which should have NO PLACE IN AGRICULTURE

Evangelos Vallianatos (December 2013) writes: “In my 25-year experience at the US EPA, nothing illustrated the deleterious nature of “pesticides” and “regulation” better than the

³⁶ <http://www.farmlandbirds.net/en/content/human-health-and-global-biodiversity-lies-hands-pesticides-industry>

³⁷ <http://www.stmconnect.com/jeit/content/1/1/jeit1.abstract> Immune suppression by systemic neonicotinoid insecticides at the root of global wildlife declines

³⁸ <http://www.epa.gov/opprd001/factsheets/clothianidin.pdf>

³⁹ Footprint Database: International Union of Pure and Applied Chemistry (IUPAC)

<http://sitem.herts.ac.uk/aeru/iupac/>

⁴⁰ http://www.huffingtonpost.com/evangelos-vallianatos/honeybees-on-the-verge-of_b_4326226.html

plight of honeybees. Here is a beneficial insect pollinating a third of America's crops, especially fruits and vegetables, and we thank it with stupefying killing. Poisoning of honeybees became routine in the mid-1970s with the EPA's approval of neurotoxins encapsulated in dust-size particles that took days to release their deadly gas.

Some of my EPA colleagues denounced such misuse of science and public trust. They told their bosses those encapsulated neurotoxins were weapon-like biocides that should have no standing in agriculture and pest management. Indeed, one of those EPA ecologists discovered the neurotoxic plastic spheres in the honeybee queens' gut. This meant poison in the honey.

EPA acted with fury. It forced the scientist out of his laboratory and into paper pushing in Washington. Approval of the industry's neurotoxins expanded to cover most major crops.

This meant honeybees had less and less space to search for food without dying.

A few days ago I called up a beekeeper inviting him to an environmental conference planned for June 2015. He declined because, he said, there would be no honeybees left in another year or two. "Exposure," he concluded, "as low as one tenth of a part per billion can be fatal to honey bees."

Britain prepares the way for 'Big Ag': The splitting of the Nature Conservancy Council

The NCC had been a thorn in the flesh of politicians in both England and Scotland and undoubtedly Derek Ratcliffe was their most outspoken and troublesome Civil Servant. Within days of his retirement in 1989, Margaret Thatcher's then Environment Minister, Nicolas Ridley, set about dismembering the NCC. Scottish politicians were keen on the split; they had greatly resented interference by the English in Fountains Forestry's project, because it had provided many jobs in an area of low employment.

So, as part of the Environmental Protection Bill 1990, in 1991 the Nature Conservancy Council, the UK body that had originally catalogued and designated important Sites of Special Scientific Interest (SSSIs) and National Nature Reserves (NNRs) for legal protection, was split into three separate bodies, English Nature, Scottish Natural Heritage and the Countryside Council for Wales. Statements issued by two Ministers, Lord Hesketh in England and Malcolm Rifkind in Scotland, claimed they '*wanted to do something for the benefit of conservation.*' However, in a leaked confidential report prepared by the Treasury in 1990 indicated that nature conservation was definitely not intended to be a beneficiary: "*The proposed reorganisation was an administrative reorganisation not intended to affect conservation effort*". It was pointed out that to triplicate posts in England, Wales and Scotland was a profligate waste of public resources. The net additional benefit to conservation would be close to zero.

Thus began the period in which successive UK governments carried out major (and costly) reorganisations of their environmental bodies that would weaken their power and downgrade them, both in importance and in financial terms. They would lose their own independence and become buried in departments, which, in times of crisis, would leach money from their budgets.

Why did David Cameron appoint Owen Paterson as Environment Minister?

Because he was probably the most anti-Environment MP he could find. He has ignored climate change. "*The Environment Secretary, Owen Paterson, has never been briefed on climate change by the Government's chief scientist since taking up his Cabinet post 14 months ago, The Independent has learnt.*"⁴¹ A Freedom of Information request revealed that

⁴¹ <http://www.independent.co.uk/news/uk/politics/environment-secretary-owen-paterson-has-yet-to-be-briefed-on-climate-change-by-chief-scientist-sir-ian-boyd-8912738.html>

the man in charge of preparing Britain for the effects of climate change has received just two briefings on the subject since taking up his post. Neither of them was from Sir Ian Boyd, the Chief Scientific Adviser at Mr Paterson's Department for the Environment, Food and Rural Affairs (Defra)." He has secretly and vigorously worked with the pesticides industry (and against civil society) to stop the ban on neonicotinoid insecticides⁴² and to bring in GM Crops.⁴³ His choice for the new Chairman of Natural England was an investment banker with a venture capitalist business.⁴⁴ His attitude to badgers arose from a combination of ignorance, cruelty and anti-science. "I am not moving anything – the badgers are moving the goalposts."⁴⁵

Monsanto: A Corrupt History of Inhumane Abuse: New York Times is at boiling point about GMOs and Dan Quayle and Michael Taylor's part in the conspiracy

In Combatting Monsanto⁴⁶ the largest collection of evidence about the human abuses of the Global Corporations has been compiled. Pages 2-5 describe the top 10 corporations' market share of the global seed market. Twenty years of GMO policy that keeps Americans in the Dark about their food.⁴⁷ This front page story from the New York Times describes the part that Dan Quayle⁴⁸ and Michael Taylor⁴⁹ played in the development of GMOs. Michael Delaney of the FDA US Food and Drug Administration⁵⁰ who knew about the toxic effects of aspartame said: *So What?!! We have to Depopulate!!*" Monsanto's abuse of illegal workers in slave-like conditions in Argentina is revealed.⁵¹ Illegal slave workers forced to work in the cornfields for 14 hours a day and buying food at highly inflated prices. Monsanto has been running these slave rings for an 'unknown' number of years.

Monsanto rules the White House?

"Corporate totalitarianism ... rules through dispensability and corruption. It treats communities, people, countries, ecosystems, species as disposable and dispensable."

The political corruption of Monsanto has been documented in this admirable article.⁵² Since 1991, many Monsanto employees have rotated in and out of influential positions in the US Government: Margaret Miller, Clarence Thomas, Michael Taylor, Rufus Yerxa, Michael Kantor, Carol Tucker Foreman, Anne Veneman, Donald Rumsfeld⁵³ (CEO of Searle later to be acquired by Monsanto, he was infamous as the one who persuaded the FDA to register the poison aspartame and was the US Secretary of Defense during 9/11 and the war on terror), Linda Fisher, George Poste. Obama has been no better: he appointed Michael Taylor to the FDA, Roger Beachy as head of USDA and Tom Vilsack as the Commissioner of USDA. He

⁴² <http://www.guardian.co.uk/environment/interactive/2013/apr/29/environment-secretary-letter-syngenta-insecticide-ban>

⁴³ <http://tinyurl.com/9jbce4g> Attendees; <http://tinyurl.com/8ahylza> Agenda; <http://tinyurl.com/92rrajn>

⁴⁴ <http://www.monbiot.com/2013/12/06/transylvanian-count-to-chair-bloodbank/>

⁴⁵ <http://www.theguardian.com/environment/2013/oct/09/badgers-moving-goalposts-owen-paterson-cull>

⁴⁶ <http://www.viacampesina.org/downloads/pdf/en/Monsanto-Publication-EN-Final-Version.pdf>

⁴⁷ http://www.huffingtonpost.com/dave-murphy/dan-quayle-and-michael-ta_b_1551732.html?view=print&comm_ref=false

⁴⁸ http://www.naturalnews.com/034847_Michael_Taylor_Monsanto_FDA.html

⁴⁹ http://www.naturalnews.com/034847_Michael_Taylor_Monsanto_FDA.html

⁵⁰ http://www.mpwhi.com/fda_says_so_what.htm

⁵¹ <http://naturalsociety.com/monsanto-abusing-illegal-workers-in-slave-like-conditions/>

⁵² <http://www.seattleorganicrestaurants.com/vegan-whole-food/political-corruption-Monsanto.php>

⁵³ http://www.huffingtonpost.com/robbie-gennet/donald-rumsfeld-and-the-s_b_805581.html

failed to implement GM labelling of foods, and under the Obama administration the USDA approved GMO alfalfa and sugar beets. In fact, Mitt Romney would have been worse: *“The presidential candidate helped Monsanto transform from teetering, scandal-plagued chemical firm into shiny new ag-biotech giant.”*⁵⁴

The GMO nightmare began with Dan Quayle⁵⁵ who said that GMO foods did not have to be labelled or safety tested. S.D Wells reports: *“The one man who may be responsible for more food related illnesses and deaths than anyone in history, Michael R. Taylor, has just (Feb 2012) been promoted from US Food Safety Czar to Senior Advisor to the Commissioner of the FDA, a position which would enable the giant biotech company Monsanto to silently and legally feed cancer causing vegetables to every living person who is not 100% strictly organic.” Michael Taylor is the epitome of everything Monsanto represents. Taylor is like a vehicle for Monsanto's patenting of seeds and global domination of farming. He implements the government's "favorable" agricultural biotech policies because it's much more of a financially sure shot to use RoundUp in food than to farm organically and ethically.*

The 4-headed Administration of thieves

Wells writes: *“This marks the pinnacle so far of a long ascent of evil profiteering and corporate executives making it to the top. It's like one big 4-headed company of thieves: The FDA, EPA, Supreme Court, and Monsanto's Board of Executives, and these organization hoppers include Clarence Thomas, Michael R. Taylor, Ann Veneman, and Linda Fisher, who conveniently bounce back and forth between positions at Monsanto and the EPA.*

Monsanto has the money to win in court and/or settle with anyone who opposes them and money to sweeten various congressmen.”

Punishing Europe with trade restrictions In George Bush's presidency, the French rejected import of livestock from the US. However the US retaliated by increasing steel import tariff's during the General Agreement on Tariffs and Trade (GATT)⁵⁶ talks, to punish the French government. They were accused of being anti-American. It was the French refusal to take GM Mon 810 in 2007 that the US Ambassador in Paris (a friend and former business partner of George Bush) sent the infamous cable revealed in Wikileaks instructing Ambassadors to punish countries that refused to import GM crops.⁵⁷

Is Monsanto on the run?

“ST. LOUIS (AP) — Shareholders of Monsanto Co. on Tuesday 24th January 2012 voted down a proposed study of how the company's genetically engineered crops, or GMOs, may pose financial and legal risks to the seed giant.”⁵⁸ Harrington Investments CEO John Harrington, who had put up the vote, said in a statement that he is concerned about the possible environmental and economic impacts of Monsanto's engineered crops. St. Louis-based Monsanto had recommended shareholders defeat the proposal. The company said an additional report on that topic would *“be redundant and provide no meaningful additional information”* because Monsanto has already studied the issue extensively. Monsanto management also stated that: *“Farmers should have the freedom to choose which production*

⁵⁴ <http://www.motherjones.com/tom-philpott/2012/09/romney-monsanto-bain>

⁵⁵ http://www.naturalnews.com/034847_Michael_Taylor_Monsanto_FDA.html

⁵⁶ Was a multilateral agreement regulating international trade GATT was signed in 1947 and lasted until 1994, when it was replaced by the [World Trade Organization](http://www.wto.org/) in 1995.

⁵⁷ <http://wikileaks.org/cable/2007/12/07PARIS4723.htm> It appears that the site has been blocked in the US, so if you fail, please try http://www.bibliotecapleyades.net/ciencia/ciencia_monsanto81.htm

⁵⁸ <http://www.realfoodhouston.com/2012/01/24/monsanto-shareholders-reject-concerns-for-financial-risk-at-2012-annual-meeting/>

method is best suited for their needs, whether organic, non-GM conventional or biotechnology traits. All of these systems can and do work effectively side by side..."

Monsanto CEO Hugh Grant (CEO of the Year 2010) told Bloomberg that genetically modified foods are good for poor people who can't afford organic.⁵⁹ He said: "*Opponents of GM who want to block genetically modified foods are guilty of 'elitism' that's fanned by social media and fail to consider the needs of the rest of the world.*"⁶⁰

Monsanto's Shares Plummeting. However, since July 2011, CEO Hugh Grant has been steadily selling his shares.⁶¹ He sold more in January 2013.⁶² By August 2013, Monsanto executives (Janet Holloway, Gerald Steiner and Tom Hartley) started to dump their shares sending the stock price spiralling downward. Hedge funds, meanwhile, are also dumping Monsanto stock, most likely due to sharply increased 'negative sentiment.' "*This means people increasingly don't like Monsanto, and that's a direct result of all the growing realizations about the dangers of GMOs, Monsanto's predatory business practices, the company's dangerous experiments that have already unleashed genetic pollution, and the fact that GM corn has been experimentally found to cause widespread cancer tumors in rat studies*".⁶³ Monsanto share prices have gone down ever since the Global March Against Monsanto.⁶⁴ So far this year, Monsanto (MON) share prices have plummeted from a high of \$109 to a current trading range around \$95. That's a drop of nearly 13%, and the bad news for Monsanto just keeps coming. Of course they have legally disclaimed compensation for complications from food and seeds, which should be at the consumer's/farmer's own risk.

Change of Staff Monsanto Co. the world's biggest seed company, promoted 30-year veteran Brett Begemann to chief operating officer in a role once held by Chief Executive Officer Hugh Grant.⁶⁵ "*Brett has repeatedly demonstrated his strength in strategic planning, operational excellence and delivering strong financial performance throughout his career at Monsanto,*" Grant said in the statement.

How could the British Universities have been corrupted?

The role of Margaret Thatcher: She announced that the Government would stop funding research in Universities. Instead they had to win contract research funding from private organisations.

Lord Sainsbury as politician: His great-grandparents established a grocer's in 1869 which became the British supermarket chain Sainsbury's. Between 1996 and 2006 he donated £16 Million to the Labour Party and from 1998 and 2006 he was Parliamentary Under-secretary of State with responsibility for Science and Innovation at the DTI.

⁵⁹ <http://2paragraphs.com/2013/05/monsanto-ceo-says-gmo-food-good-for-poor-people/>

⁶⁰ <http://www.bloomberg.com/news/2013-05-15/monsanto-sees-elitism-in-social-media-fanned-opposition.html>

⁶¹ <http://www.gurufocus.com/news/138835/ceo-of-monsanto-corp-hugh-grant-sells-150000-shares>

⁶² <http://www.alternet.org/news-amp-politics/monsanto-ceo-hugh-grant-rakes-3-million-shares-biotech-giant-continues-destroying>

⁶³ http://www.naturalnews.com/041737_monsanto_share_prices_hedge_funds.html

⁶⁴ <http://rt.com/news/march-against-monsanto-global-996/> Joining six continents, 52 countries and over 500 cities, 'March against Monsanto' is planning its second mass rally Saturday against the biotech giant and genetically modified food. A number of Agent Orange victims are expected to join the protest.

IT WENT UN-REPORTED IN THE BRITISH PRESS.

⁶⁵ <http://www.bloomberg.com/news/2013-10-23/monsanto-s-begemann-promoted-to-chief-operating-officer.html>

The second step of clearing the path for Big Ag in the UK

Lord Sainsbury as Science and Trade and Industry Minister took the second step in 2006 (under his and Tony Blair's 'watch'). The Natural Environment Research Council (NERC) announced the Closure of the Wildlife Research Stations. *In a debate forced in the House of Lords, Lord Sainsbury of Turville, at that time the Parliamentary Under-secretary of State with responsibility for Science and Innovation at the DTI, defended the closures.* He claimed that the Government believed that: *"decisions about its scientific programme should be taken by NERC's independent Council."* Lord Sainsbury praised the NERC for *"grasping the nettle"*. He said that NERC had seen a fall in contract research in recent years and the Wildlife stations were not making enough money from getting private research contracts. *"In today's multidisciplinary world, basic research increasingly should be done in a multi-disciplinary environment like universities."*

Lord Sainsbury as donor of multiple Plant Research Laboratories for GMO development

Within a matter of months, Lord Sainsbury resigned as Science Minister to focus on his business and charity work. However, he has continued to influence education at all levels. Through the Gatsby Foundation, he founded the Sainsbury Laboratory, Cambridge University.⁶⁶ *The Sainsbury Laboratory Cambridge University, opened in 2011, will house 150 scientists, technicians and support staff working at the frontiers of knowledge in plant growth and development, addressing some of the greatest challenges of the 21st century.* The Sainsbury Laboratory, Norwich.⁶⁷ *This Laboratory opened on the campus of the John Innes Centre in 1989 and has established a global reputation in plant and microbial science. The Lab is dedicated to daring, long-term research which will help reduce crop losses to important diseases.*

Plant Science PhD Projects⁶⁸ *Rigorous selection criteria, generous funding, high expectations and a comprehensive package of training ensure our PhD studentships attract and develop exceptional talent among young scientists who will become tomorrow's leaders in science.*

Plant Science Projects for Schools⁶⁹ *We have supported Science and Plants for Schools for more than 20 years in its work to strengthen plant science education in schools by inspiring the next generation of plant scientists and supporting teachers to bring plant science to life for all pupils.*

Other education projects⁷⁰

Apprenticeship Reform⁷¹ *We are supporting the employers and professional bodies that are involved in the first round of the government's apprenticeship Trailblazer projects.*

Technician Registration⁷² *We believe a common framework of registration for STEM technicians will ensure the skills and knowledge learnt within technician pathways develop in line with industry's needs. We are working with professional bodies to build this framework.*

Review of Practical Science in Schools⁷³ *In April 2012, following a period of research, we began a 2 year programme supporting practical science in schools and colleges, focused on*

⁶⁶ <http://www.gatsby.org.uk/Plant-Science/Projects/Sainsbury-Laboratory-Cambridge-University.aspx>

⁶⁷ <http://www.gatsby.org.uk/Plant-Science/Projects/The-Sainsbury-Laboratory-Norwich.aspx>

⁶⁸ <http://www.gatsby.org.uk/Plant-Science/Projects/Sainsbury-PhD-studentships.aspx>

⁶⁹ <http://www.gatsby.org.uk/Plant-Science/Projects/Science-and-Plants-for-Schools.aspx>

⁷⁰ <http://www.gatsby.org.uk/Education.aspx>

⁷¹ <http://www.gatsby.org.uk/Education/Projects/Supporting-Apprenticeship-Reform.aspx>

⁷² <http://www.gatsby.org.uk/Education/Projects/Technician-Registration-An-Introduction.aspx>

⁷³ <http://www.gatsby.org.uk/Education/Projects/Review-of-Practical-Science-in-Schools.aspx>

better assessment, improved access to teaching resources, and strengthened roles for technicians and senior leaders.

Union Education Projects⁷⁴ *The unions have extensive networks throughout the science, engineering and technology-related sectors. We are working with Unionlearn to promote technician registration amongst union members and throughout unionised workplaces.*

Formation of STEMNET⁷⁵ *We funded the formation of STEMNET, which creates opportunities to inspire young people in STEM via its 24,000+ STEM Ambassadors, the STEM Clubs network, and projects including brokering enhancement and enrichment activities between schools and business.*

In recent years, STEMNET has received core funding from the Department for Business, Innovation and Skills, and the Department for Education for its three major programmes^{*76}:

- *the STEM Ambassadors scheme, which sees people from STEM backgrounds volunteer as inspiring role models for young people. There are now over 24,000 Ambassadors, providing an invaluable and free resource for schools and helping teachers teach science, engineering and maths in fresh and innovative ways;*
- *the STEM Clubs network, which allows children to explore, investigate and discover STEM subjects in a stimulating learning environment, away from the constraints of the school timetable or a prescribed curriculum; and*
- *the brokerage of STEM enhancement and enrichment, through the coordination of 52 organisations across the country which help schools and colleges engage with business organisations to support the curriculum.*

STEMNET (Science, Technology, Engineering and Mathematics Network) is a network, one part of which is to support the teaching of physical science in schools (11-19), which includes the science of GMOs. It concentrates on teaching technology but definitely not history.

Canada also has branches of STEMNET and government approved textbooks promote the benefits of GM fruit and vegetables. “*No scientific study has shown them to be harmful.*”

Yet a recent study from the eastern townships of Quebec has found genetically modified endotoxin in maternal and foetal blood.

Influence of mentors as rôle models: Sir John Beddington, former Chief Scientist, must have been an influential and inspiring rôle model, judging by Dundee College of Life Sciences celebration for him on 20 May 2010.⁷⁷ He was credited with “*soft science to hard science*”...“*previous tradition of strong mathematical ecology in the UK*”...“*John Beddington began this tradition*” by encouraging maths & physics graduates to enter environmental biology. “*The majority have degrees in biotechnology.*” Thus began the new era of the population biologist. In fact, there wasn’t even a requirement to step outside the building! It required: ‘*Basic concepts in maths & stats (for biologists), ecology & evolution (for non-biologists); statistical modelling (using R); estimating animal abundance; modelling ecological dynamics.*’ Dundee College of Life Sciences were getting funding from NERC⁷⁸ and BBSRC⁷⁹ for their “Crops for the Future” programme.

⁷⁴ <http://www.gatsby.org.uk/Education/Projects/Unionlearn.aspx>

⁷⁵ <http://www.gatsby.org.uk/Education/Projects/STEMNET.aspx>

⁷⁶ * What Lord Sainsbury started has now been picked up by Government Funding bodies

⁷⁷ <http://lsw.portlandpress.com/LinkClick.aspx?fileticket=tKwnO4RJQWE%3D&tabid=770>

⁷⁸ The **Natural Environment Research Council (NERC)** is a British research council that supports research, training and knowledge transfer activities in the environmental sciences. It lives in the same building as:

⁷⁹ **Biotechnology and Biological Sciences Research Council (BBSRC)** is the largest UK public funder of non-medical bioscience. It predominantly funds scientific research institutes and university research departments in the UK. It receives its funding through the science budget of the Department for Business, Innovation and Skills (BIS). BBSRC's mission is to “*promote and support, by any means, high-quality basic, strategic and*

The rôle of NERC: Since 2000, NERC had been giving Dundee funds; was it a coincidence that in 2006, it was increased by 50% for their Crops for the Future? In 2012 NERC proudly announced its GloboLakes project which continued the ‘no-touch-technique’ for the environment which had been established in the ‘population biologist’; “*the first satellite-based global lake surveillance system, to monitor how lakes and reservoirs are being affected by environmental change.*” A satellite is even more remote from the environment than a population biologist making mathematical models on a computer. This vastly expensive project could have supported more than a dozen Wildlife Research Stations; but satellite monitoring is a safer distance from the pesticides industry’s point of view.

Why are NERC and Defra putting their main funds for projects abroad?

Is it a coincidence that, NERC began funding University of Exeter Geography for Environmental Change in 2009?⁸⁰ Most of the NERC grants involved travel overseas. One of the grants went to a researcher to study a single species of lichen in Antarctica.⁸¹ In 2008/9 an expedition went to explore a West Antarctic sub-glacial lake, allegedly with the aim of sampling it for micro-organisms, but this did not seem to have been achieved.⁸²

NERC also gave funding to the new Environmental & Sustainability Institute in Falmouth where Dr Juliet Osborne, a Syngenta-funded bee expert, now works. The Institute was commissioned in 2008, occupied in November 2012 and opened April 2013. It has many Business Partners, including AstraZeneca.

Forestry On 27th October 2010 Caroline Spelman announced “*Defra commits £100 million to International Forestry funding*”, but 2 days later proposed to sell off Forestry Commission holdings in England.

Marine Reserves On 31st October, 2010 a headline in the Independent: *UK sets up the world’s largest Marine Reserve*. Where? Not in the UK of course, but in the Indian Ocean!

On 21/11/2013 after prolonged consultation, Defra announced that it will designate just 27 of the 127 Marine Conservation Zones (MCZs) proposed in English waters.⁸³

This follows a consultation earlier this year on 31 of the proposed sites. Of the 31, two will not be designated (Stour and Orwell and Hilbre Island), one will be decided upon early next year (Hythe Bay) and one will be considered in the next phase (Celtic Deep).

Defra has indicated that the remaining 96 sites will be consulted upon in two further tranches, taking place in 2015/2016 and 2016/2017.

The role of Defra in forming committees: They invite young professors to further their careers by joining Defra Committees, ACP, CoT *etc.* Loyalty of many scientists had already been guaranteed by big money and dubious science, as shown above and below.

The rôle of scientific journals in promoting industry

See pages 16-22 in: The rôle of the Elsevier Journals in Corporate Espionage: The Seralini Affair and Beyond at: <http://farmwars.info/?p=12140>

applied research and related postgraduate training relating to the understanding and exploitation of biological systems

⁸⁰ <http://geography.exeter.ac.uk/research/groups/environmental/researchfunding/>

⁸¹ http://www.nhm.ac.uk/resources-rx/files/exploring-antarctic-lichen-biodiversity_afi_cgs1157_a_photo-diary-61707.pdf

⁸² http://www.antarctica.ac.uk/afi/docs/2008-09_field_reports/AFI7-02_Siegert_field_report_0809.pdf

⁸³ <http://www.marinereservescoalition.org/2013/11/21/defra-designates-27-not-127-marine-conservation-zones/>

Where has scientific integrity in Universities gone?

Prof Jeremy Ramsden, Editor-in-Chief of *The Journal of Biological Physics and Chemistry* laments the loss of distinction between University Research and Commissioned Research (either from industry or from Government Departments).⁸⁴ *"This renunciation of unimpeachable scientific integrity could not have come at a worse time for humanity. Our technical capabilities for manipulating nature have reached unprecedented heights."*

Anger at the Gates' Foundation donation to John Innes Centre for GM cereal crops⁸⁵

The decision by the Gates Foundation to invest substantial funds in technology that has been promising an agricultural revolution for almost two decades provoked anger last night. The money would have been better spent on proven bio-tech techniques and cheap *"agro-ecology sustainable practices" (low-input, traditional, organic) that have the potential to meet global food needs and yield long-term food security*", said Dr Michael Antoniou, a Molecular Geneticist from King's College London's Medical School.

"There are safer, proven technologies, so I'm afraid the Gateses have been grossly misled. GM has failed to deliver for farmers; it can only deliver commercial returns," he said.

The Foundation's support for GM crops has attracted criticism, as has its investment in Monsanto – one the world's largest GM seed producers.

A generation of British Scientists is ready to be employed globally in defence of the pesticides industry

Signatures of mutational processes in human cancer: Genetic map of cancer mutations

A study of mutations from 7,042 cancers by the Sanger Institute revealed that 21 distinct mutational signatures that alone, or in combination, drive 30 different types of cancer⁸⁶. Mutations of DNA may be due to *"chemicals in the environment or faults that arise during aging."* *"The work has shed light on how the body's natural defences might inadvertently drive a range of cancers. When cells are infected by viruses, they can switch on genes that produce a family of enzymes. These enzymes destroy viruses by mutating their DNA, but the onslaught may cause collateral damage."* *"It's speculation, but it may be that in killing the virus, many mutations are scattered in the genome of the cell itself, and that cell can then go on to become a cancer,"* said Prof Mike Stratton. *"The findings are expected to drive research into the causes of mutations behind each cancer. One way to do this is to expose human cells to suspected carcinogens in the environment to see if they produce similar patterns of mutations."*⁸⁷

Prof Nic Jones, Chief Scientist at Cancer Research UK (whose Chairman is Michael Pragnell of Syngenta), referring to the new genetic map of cancer mutations, was silent on the subject of pesticides. He could only suggest smoking and overexposure to UV rays as possible causes of faults in DNA that can lead to cancer. CRUK website on Pesticides and Cancer denies links to pesticides: *"For now, the evidence is not strong enough to give us any clear answers. But for individual pesticides, the evidence was either too weak to come to a conclusion, or*

⁸⁴ Ramsden, J.J. The independence of university research. *Nanotechnology Perceptions* 8 (2012) 87-90.

⁸⁵ <http://www.independent.co.uk/environment/green-living/anger-after-bill-gates-gives-6m-to-british-lab-to-develop-gm-crops-7945448.html>

⁸⁶ <http://www.nature.com/nature/journal/vaop/ncurrent/full/nature12477.html>

⁸⁷ <http://www.theguardian.com/science/2013/aug/14/genetic-map-cancer-mutation-disease>

*only strong enough to suggest a “possible” effect. The scientific evidence on pesticides and cancer is still uncertain and more research is needed in this area.*⁸⁸

World Health Organization: International Agency for Research on Cancer at Lyons, France.

Dr Christopher Wild is Director of IARC; Dr David Forman is IARC Section Head; Dr Freddy Bray is Deputy Section Head. All have been trained in Britain.

Press Release: WHO: Cancer risk rising around the world; Western medicine failing globally.⁸⁹ Dr David Forman Head of Cancer Information told the media that tobacco and alcohol are the two primary drivers of cancer. Sharp rise in breast cancer worldwide In 2012, 1.7 million women were diagnosed. Global burden rises to 14.1 million new cases and 8.2 million cancer deaths in 2012 from 12.7 million new; 7.6 million deaths in 2008.

The most commonly diagnosed cancer at present are lung, liver and colorectal cancers.

The deaths rate is highest for cancers of the lung, liver and stomach.

The forward projections by Globocan are: 19.3 new cancers per year by 2025.

This is very close to the predictions by AstraZeneca (below) from their Oncology Website: *Deaths are estimated to reach 12 million by 2030.*”

Why is the pesticides industry investing so much money in human health?

Syngenta’s parent company is AstraZeneca. AstraZeneca manufactures six different anti-cancer drugs mainly aimed at breast and prostate cancer. The Corporation has links in Asia, including Hospitals in China, Japan, Korea, and collaborators in Russia. AstraZeneca’s Oncology Website⁹⁰ has the following portentous prediction: “*Cancer claims over 7 million lives every year and the number continues to rise. Deaths are estimated to reach 12 million by 2030.*”

Michael Pragnell MA MBA was the founder of Syngenta and CEO of Syngenta AG based in Switzerland (from its public listing in 2000 to the end of 2007). He was appointed a Trustee of Cancer Research UK (CRUK) in March 2010 and Chairman in November 2010. CRUK is donating money (£450 million/year) to the Government’s Strategy for UK Life Sciences⁹¹ and AstraZeneca is providing 22 compounds to academic research to develop medicines.

Is this a corporate money making business at the expense of citizens? Big Ag creates cancers; Big Pharma cures them while the British and American Governments also benefit.

Big Pharma: prosecutions for discounting, bribery and ‘education:’ these are just a small number of examples

December 2012. Eli Lilly to pay \$29 million to settle civil charges that its subsidiaries made improper payments to foreign government officials to win business in Russia, Brazil, China and Poland.⁹²

On 2nd July 2012, GSK pleaded guilty to criminal charges and agreed to a \$3 billion settlement of the largest health-care fraud case in the U.S. and the largest payment by a drug company. The settlement is related to the company's illegal promotion of prescription drugs,

⁸⁸ <http://www.cancerresearchuk.org/cancer-info/healthyliving/cancercontroversies/pesticides/>

⁸⁹ http://www.iarc.fr/en/media-centre/pr/2013/pdfs/pr223_E.pdf

⁹⁰ <http://www.astrazeneca.co.uk/medicines/oncology>

⁹¹ https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/32457/11-1429-strategy-for-uk-life-sciences

⁹² <http://www.reuters.com/article/2012/12/20/us-elililly-sec-idUSBRE8BJ12920121220>

its failure to report safety data, bribing doctors, and promoting medicines for uses for which they were not licensed.⁹³

Farmal in Croatia: In a pharmaceutical company called Farmal, 364 people, have been indicted on charges of bribery, abuse of office and incitement to abuse official capacity. Farmal allegedly ran a network of doctors, giving them gifts in return for prescribing the company's products.⁹⁴

Fake vaccines. (With acknowledgements to Mike Adams, The Health Ranger and Editor of Natural News.com): Merck vaccine scientist Dr Maurice Hilleman, admitted that nearly all vaccines are founded on fraud.⁹⁵ This admission was recorded in an archival interview; the scientist, who died in 2005, never knew that his interview would be made public.

Dr Dong-Pyou Han, Iowa State University of Science and technology resigned after faking research. The federal documents,⁹⁶ which were posted on a government website, say Han agreed to be banned from participating in any federally-financed research for three years. Oransky said that's an unusually strong penalty.

Mike Adams (naturalnews.com) revealed in 2012 *"two Merck scientists who filed a False Claims Act complaint in 2010 -- a complaint which has just now been unsealed -- vaccine manufacturer Merck knowingly falsified its mumps vaccine test data, spiked blood samples with animal antibodies, sold a vaccine that actually promoted mumps and measles outbreaks, and ripped off governments and consumers who bought the vaccine thinking it was "95% effective."*⁹⁷ *This case is about Merck's efforts for more than a decade to defraud the United States with respect to the efficacy of Merck's mumps vaccine...to maintain its Food and Drug Administration (FDA) approval and exclusive license to sell the vaccine.*⁹⁸

Project Tycho: Bearing in mind these admissions about vaccines, the Project Tycho and the Gates's Foundation claim to be helping the poor countries should be viewed with scepticism, at the very least.⁹⁹

FDA paid for fast-tracking drugs; drugs that had far more side effects than natural medicines

In 2010, the FDA was paid \$526 million dollars by a number of drug companies to 'hustle' drugs through the approval process.¹⁰⁰

Jenny Thompson, Director of Health Services Institute talks about Seven Deadly groups of Drugs. Chemotherapy drugs; anti-diabetic agents; non-steroidal anti-inflammatory agents; drugs for Alzheimer's; the anti-hypertensive agents, beta blockers, Ca channel blockers and ACE inhibitors; cholesterol lowering drugs; and sleeping tablets. There are natural products without side effects which in randomised controlled trials compare as well, and sometimes better than the chemical drugs. However, the Pharmaceutical Giants are suppressing these. (Note that some of these conditions have been associated with glyphosate. See Appendix.)

⁹³ <http://www.bloomberg.com/news/2012-07-02/glaxosmithkline-agrees-to-pay-3-billion-in-u-s-drug-settlement.html>

⁹⁴ <http://www.euronews.com/2013/12/28/croat-pharmaceutical-company-indicted/>

⁹⁵ <http://counterpsyops.com/2013/09/08/merck-dr-maurice-hilleman-admits-on-record-vaccines-contain-aids-and-cancer-viruses-derived-from-diseased-monkeys/>

⁹⁶ <https://www.federalregister.gov/articles/2013/12/23/2013-30424/findings-of-research-misconduct>

⁹⁷ http://www.naturalnews.com/036328_Merck_mumps_vaccine_False_Claims_Act.html

⁹⁸ <http://www.naturalnews.com/gallery/documents/Merck-False-Claims-Act.pdf>

⁹⁹ <http://www.greenmedinfo.com/blog/bill-gates-project-tycho-and-vaccine-voodoo>

¹⁰⁰ <http://hsionlineorders.net/HTML5/Whistleblower-NoPop/?efo=HSIOP130215&pco=PHSIP940>

Why is EFSA looking more closely at natural products than they do GMO foods?

We suspect this is why EFSA is demanding stringent applications.¹⁰¹ If there are individuals on the GMO Panels with conflicts of interest, then it is likely that similarly they will get onto EFSA's Panel on Dietetic Products, Nutrition and Allergies (NDA). Health claims made in relation to food products require authorisation¹⁰² before they can be used in the labelling and marketing of these products in the EU. Within the context of this authorisation procedure, EFSA's Panel on NDA is responsible for verifying the scientific substantiation of the health claims.¹⁰³

The Agrochemical Industry has forged partnerships everywhere, especially with youth

Philipp Mimkes, Director of Coalition Against Bayer-Danger, Germany, told me that UNEP had formed a "*preferred partnership*" with Bayer and that, in return for bearing this elevated title, Bayer was sponsoring UNEP's 2005 Young Environmental Leaders gathering in Bangalore.¹⁰⁴ In October 2005, UNEP (Eric Falt) replied to CBG's open letter: "*Please be informed that we have selected Bayer to help support our Children and Youth Programme because of their increasing commitment to environmental values.*"

On World Environment Day June 2012, in a pdf produced by UNEP, there is an interview with Professor Wolfgang Plischke, Member of the Board of Management of Bayer AG, about sustainability and partnerships.¹⁰⁵ "*Sustainability and innovation go hand in hand*"

Question: Professor Plischke, how important is sustainability to Bayer?

"I believe that sustainability goes hand in hand with future viability."

Question: How important are these partnerships to Bayer?

"We work with a broad range of partners and non-governmental organisations worldwide" (including WHO and UNEP). "We also cooperate with research institutes and universities, other companies and private and public institutions."

Question: Does this commitment pay dividends...?

"The name Bayer has a good reputation in the market for socially responsible investments"

An advertisement for a career in Bayer: "*At Bayer, we'll give you a chance to make a difference by joining a team that is dedicated to changing the world with great care.*"

Bayer: Science For A Better Life¹⁰⁶

Major errors by industry and governments as a result of ignorance of ecology

Imidacloprid elimination In 2001, in response to claims in a pesticide fact sheet, Bayer experts from different scientific fields issued a 'position paper' on imidacloprid.¹⁰⁷ "*The use of imidacloprid in agriculture does not entail unacceptable harmful effects for the environment as the substance will disappear under all circumstances from the compartments soil, water and air.*" "*Although the substance is stable in sterile water in the dark, it decomposes readily under the influence of light. Biotic processes under the influence of microbes present in natural water and its sediments present another mechanism for the elimination of imidacloprid.*"

¹⁰¹ <http://www.efsa.europa.eu/en/nda/ndaclaims.htm>

¹⁰² [Regulation EC 1924/2006](http://www.efsa.europa.eu/en/nda/ndaclaims.htm)

¹⁰³ http://europa.eu/legislation_summaries/consumers/product_labelling_and_packaging/l21306_en.htm

¹⁰⁴ www.cbgnetwork.org/2089.html

¹⁰⁵ Page 8 http://www.unep.org/PDF/WED_GreenEconomy.pdf

¹⁰⁶ <http://www.jobstairs.de/mobile/en/company/bayer.html>

¹⁰⁷ http://www.beekeeping.com/articles/us/imidacloprid_bayer.htm

No-one told the Bayer experts that microbes are invertebrates. They will be poisoned just as readily as the target organisms, non-target invertebrates (other pollinators) and the organisms that break down the soil, with disastrous effects on aquatic systems.¹⁰⁸

Repeat application of a pesticide produces resistance. Most ecologists know that if you keep applying an herbicide or insecticide to the same pests and crops (or make a GMO seed herbicide-tolerant) you will soon have super-weeds or super-pests. Gradually they will develop a resistance. Wang in 2008 showed that *Nilaparvata lugens* (the brown planthopper, a pest on rice) was able to develop 1424-fold resistance to imidacloprid in the laboratory after the insect was selected with imidacloprid for 26 generations.¹⁰⁹ Gao et al 2012¹¹⁰ reported similar problems with western flower thrips “insecticide resistance continues to be one of the most issues facing agricultural production.”

Epigenetics:

There were many warnings about what chemicals did to the unborn child, particularly in the early stages of pregnancy: “*The developing embryo and foetus are extraordinarily susceptible to perturbation of the intrauterine environment. Chemical exposures during prenatal and early postnatal life can bring about important effects on gene expression, which may predispose to disease during adolescence and adult life. Some environmental chemicals can alter gene expression by DNA methylation and chromatin remodelling. These epigenetic changes can cause lasting functional changes in specific organs and tissues and increased susceptibility to disease that may even affect successive generations. **The immune system also undergoes crucial developmental maturation both before and after birth. New evidence suggests that a number of persistent and non-persistent environmental pollutants may alter the development of the immune system.** Three aspects of children’s health are important in conjunction with developmental toxicity risks. First, the mother’s chemical body burden will be shared with her foetus or neonate, and the child may, in some instances, be exposed to larger doses relative to the body weight. Second, susceptibility to a wide range of adverse effects is increased during development, from preconception through adolescence, depending on the organ system. Third, developmental exposures to environmental chemicals can lead to life-long functional deficits and disease.*”¹¹¹

2000 European Environment Agency: Late lessons from early warnings; the precautionary principle 1896-2000.¹¹²

Landrigan & Benbrook AAAS 2006 Symposium on Opportunities and Initiatives to Minimize Children’s Exposures to Pesticides AAAS 2006 Annual Meeting St. Louis, Missouri.¹¹³

2008 The Faroes Statement: human health effects of developmental exposure to chemicals in our environment (see above)

2011 Towards realism and precautions in protecting children’s health David Gee.¹¹⁴

IUCN Task Force 2012: The Human Health Effects of Neonicotinoid Pesticides; a causal factor of Developmental Brain Disorders.¹¹⁵

¹⁰⁸ http://www.abcbirds.org/abcprograms/policy/toxins/Neonic_FINAL.pdf

¹⁰⁹ [http://www.researchgate.net/publication/23149216_Susceptibility_to_neonicotinoids_and_risk_of_resistance_development_in_the_brown_planthopper_Nilaparvata_lugens_\(Stl\)_\(Homoptera_Delphacidae\)](http://www.researchgate.net/publication/23149216_Susceptibility_to_neonicotinoids_and_risk_of_resistance_development_in_the_brown_planthopper_Nilaparvata_lugens_(Stl)_(Homoptera_Delphacidae))

¹¹⁰ <http://www.ncbi.nlm.nih.gov/pubmed/22566175>

¹¹¹ <http://www.ncbi.nlm.nih.gov/pubmed/18226057>

¹¹² <ftp://ftp.elet.polimi.it/outgoing/Marino.Gatto/SanPaolo/PrecautionaryPrinciple1896-2000.pdf>

¹¹³ http://www.organic-center.org/reportfiles/7452_Landrigan_AAAS%20Paper.pdf

¹¹⁴ http://www.env-health.org/IMG/pdf/Paris_Appeal_Programme_EN.pdf

¹¹⁵ http://www.iucn.org/about/union/commissions/cem/cem_work/task_force_systemic_pesticides.cfm

2012 The American Academy of Pediatrics published a Policy Statement on Pesticide Exposure in Children.¹¹⁶

US Kids' Health Report October 2012: A Generation in Jeopardy: How pesticides are undermining our children's health & intelligence.¹¹⁷

"This report draws from academic and government research, focusing on studies published within the past five years, to chronicle the emerging threat of – with over 1 billion pounds applied on farms and homes annually– to children's health." ... "Our current system of industrial agriculture and pest control relies on chemical inputs sold by a handful of corporations. These multinational corporations wield tremendous control over the system, from setting research agendas to financing, crop selection and inputs throughout the production and distribution chain. Not surprisingly, these same corporations also hold significant sway in the policy arena, investing millions of dollars every year to influence voters, lawmakers and regulators at both the state and federal level to protect the market for pesticides. The result is agriculture, food and pest control systems that serve the interests of these corporations well. It does not, however, serve farmers, who have lost day-to-day control of their operations and are putting themselves and their families in harm's way. Farmworker interests are not served, as workers are continuously exposed to chemicals known to harm human health. And the health of children across the country is compromised by exposure to pesticides used to control pests in agriculture and where they live, learn and play. In short, the system is broken."

Prof Philippe Grandjean: Only One Chance: How Environmental Pollution Impairs Brain Development – and How to Protect the Brains of the Next Generation. May 2013.¹¹⁸

Professor of Environmental Health, Harvard University and University of Southern Denmark, he runs a website devoted to chemicals that damage foetal brains.¹¹⁹

UK refused to acknowledge that exposure to pesticides during pregnancy is harmful

Defra Minister, the Defra Chief Scientist and Dave Bench Chief Scientist CRD gave evidence at the Environmental Audit Committee Inquiry Insects and Insecticides. When questioned by Dr Matthew Offord MP (Q359) about removing amateur applications of pesticides, they all agreed that it wasn't necessary to ban domestic use.¹²⁰ Could it be because Bayer had just re-launched their garden products campaign?¹²¹ When the Royal College of Obstetricians and

¹¹⁶ <http://pediatrics.aappublications.org/content/130/6/e1757>

¹¹⁷ <http://www.panna.org/publication/generation-in-jeopardy>

¹¹⁸ <http://www.oxfordscholarship.com/view/10.1093/acprof:oso/9780199985388.001.0001/acprof-9780199985388>

¹¹⁹ www.chemicalbraindrain.info Today, one out of every six children suffers from some form of neurodevelopmental abnormality. The causes are mostly unknown. Some environmental chemicals are known to cause brain damage and many more are suspected of it, but few have been tested for such effects. The brain's development is uniquely sensitive to toxic chemicals, and even small deficits may negatively impact our academic achievements, economic success, risk of delinquency, and quality of life. Chemicals such as lead, mercury, polychlorinated biphenyls (PCBs), arsenic, and certain solvents and pesticides pose an insidious threat to the development of the next generation's brains.

¹²⁰ **Lord de Mauley:** The products for use in gardens have very clear instructions for use. No product is approved for garden use if the correct use would require either training or protective clothing. The levels of toxicity for products that are approved for garden use are generally considerably lower than for professional use. So we think that the level of control is appropriate.

<http://www.publications.parliament.uk/pa/cm201213/cmselect/cmenvaud/668/668.pdf>

¹²¹ <http://www.gardenforum.co.uk/tradeforum/peoplenews/?artid=2382>

Gynaecologists published their advice to avoid chemical exposure during pregnancy,¹²² there was a barrage of press coverage quoting those who dismissed the advice as ridiculous. This included the CMO at the Department of Health¹²³ and Tracey Brown from Sense About Science.¹²⁴

How the Corporations are making money from destroying our children's health

- The latest prevalence studies of autism indicate that 1.1% of the population in the UK may have autism. This means that over 695,000 people in the UK may have autism.¹²⁵ In the US, by 2025, 1 out of 2 children are predicted to be autistic.
- CRD and Defra have refused to ban pesticides in the home, yet there is overwhelming evidence that foetal and childhood exposure to pesticides causes genotoxic damage.
- Obesity linked to glyphosate (see Appendix).
- Aspartame as an additive to diet drinks is approved by CoT, the FSA and EFSA and the US FDA. Yet 100% of independent studies say it is toxic. (See below)
- Exposing the negative effects of technology on kids.¹²⁶ *“While tech-time can help kids to learn, it can also contribute to obesity, lack of physical fitness, inaccurate or warped thinking and other negative consequences. Between the TV, laptops, tablets, cell phones, iPods and all of the other technological devices that your child uses, he is constantly inundated with an array of media images. These often include, and glorify, negative behaviors such as underage drinking, drug use or risky sexual situations. Additionally, the media may portray an idealized image of the child or teenager when it comes to weight and appearance. Your child can develop a warped sense of reality and what is, and isn't, acceptable when it comes to his actions.”*

Governments' folly of supporting Global Corporations

“A phenomenon noticeable throughout history regardless of place or period is the pursuit by governments of policies contrary to their own interests. Mankind, it seems, makes a poorer performance of government than of almost any other human activity ...”

¹²² <http://www.rcog.org.uk/womens-health/clinical-guidance/chemical-exposures-during-pregnancy-scientific-impact-paper-37>

¹²³ <http://www.theguardian.com/lifeandstyle/2013/jun/07/pregnancy-advice-royal-college-health-chief>

¹²⁴ In 2009 this registered Charity, Sense About Science, published a document to educate the general public called “Making sense of GM”. Eight of the 28 main authors were members of the John Innes Centre. Three were FRS and another two Fellows’ contributions were acknowledged. The author of the introduction was Prof Jonathan Jones FRS (The Sainsbury Laboratory, John Innes Centre). Once again Prof Jones failed to declare his links with Monsanto: [In a statement to the Observer (18/07/2010), Prof Jones insisted: *“It is not true to suggest I have attempted to hide my role as co-founder and science advisory board member of Mendel Biotechnology, which has contracts with Monsanto, Bayer and BP. The information that I am co-founder... of Mendel has been in the public domain on the Mendel website for at least 10 years.”*]

Other conflicts of interest of authors were also undeclared. Prof Vivian Moses was Chairman of CropGen. In addition, Private Eye (1232: 20/03-2/04/2009) had obtained a previous draft document in which a listed author was Andrew Cockburn, Monsanto’s former Director of Scientific Affairs. According to Making Sense of GM, the concept of super-weeds had been grossly exaggerated by the newspapers: *“they already occur in conventional agriculture.”*

¹²⁵ <http://www.autism.org.uk/about-autism/myths-facts-and-statistics/statistics-how-many-people-have-autism-spectrum-disorders.aspx>

¹²⁶ <http://everydaylife.globalpost.com/exposing-negative-effects-technology-kids-14909.html>

“Why does American business insist on ‘growth’ when it is demonstrably using up the three basics of life on our planet – land, water and unpolluted air?”¹²⁷

The ‘Fed’ (Federal Reserve) and Quantitative Easing.¹²⁸ Was it just for the benefit of the Stockmarket (Wall Street) and Big Business?

Some recent comments by US financial journalists: A Great Ride, but Reality Is Returning¹²⁹ by Jeff Sommer 21/12/2013 *New York Times*: “*And then let’s get used to worrying again, because stormier times are coming, probably fairly soon. What we’ve been experiencing is outside the typical range of market behavior over the last 100 years.*”

Martin S. Feldstein, Cambridge, Mass. 22/12/2013: *New York Times*. The Federal Reserve is pursuing a very risky monetary policy.¹³⁰ “*The Fed’s strategy has been to stimulate the economy by driving down long-term interest rates by amassing long-term bonds and pledging to keep short-term rates near zero. A result has been to increase home and stock prices and, by lifting household wealth, encourage consumer spending. But the magnitude of the effect has been too small to raise economic growth to a healthy rate.*”

Nathan Lewis *Forbes.com*: 29/09/2013 It looks to me like the Fed is hooked badly now.¹³¹ “*There’s nothing more addictive than printing money. Wall Street is happy. Large corporations, now enjoying some of the largest profit margins in history, are happy. Middle America is supposedly happy; in any case, the economic advisors say that they would be more unhappy if the Fed wasn’t printing money to keep mortgage rates low and, supposedly, unemployment better than it would otherwise be.*”

The Depopulation Agenda: both the US and the UK have signed up to it

Dr Betty Martini¹³² demanded why she hadn’t had a reply to her complaints about the extreme toxicity of aspartame¹³³ which was shown by FDA scientists to cause brain tumours, epilepsy and neurotoxic effects. For the first time, Michael Delaney, a member of the FDA admitted that the US has a ‘Depopulation Agenda’.¹³⁴ Aspartame is an addictive, excite-neurotoxic, carcinogenic, genetically engineered drug and adjuvant that damages the mitochondria and interacts with drugs and vaccines. For the first 16 years it was banned by the FDA, until Donald Rumsfeld¹³⁵ was CEO of Searle and he and President George Bush between them managed to get it passed for use in a wide number of fizzy diet drinks.

The UK Food Standards Agency announced last week that as a result of unpublished British research (Hull University), The Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment (CoT) had decided there is no need to ban or control the sale

¹²⁷ The March of Folly: Barbara Tuchman, American Historian.

¹²⁸ The **Federal Reserve System** (also known as the **Federal Reserve**, and informally as the **Fed**) is the central banking system of the United States

¹²⁹ <http://www.nytimes.com/2013/12/22/your-money/a-great-ride-but-reality-is-returning.html?ref=quantitativeeasing>

¹³⁰ <http://www.nytimes.com/2013/12/09/opinion/saving-the-fed-from-itself.html>

¹³¹ <http://www.forbes.com/sites/nathanlewis/2013/09/29/the-federal-reserve-is-now-badly-hooked-on-its-quantitative-easing/>

¹³² Dr Betty Martini, a physician who has repeatedly called for the FDA to ban aspartame, the sweetener in children’s drinks has a website: <http://www.mpwhi.com/>

¹³³ http://www.mpwhi.com/peer_reviewed_research.htm

¹³⁴ http://www.mpwhi.com/fda_says_so_what.htm

¹³⁵ http://www.huffingtonpost.com/robbie-gennet/donald-rumsfeld-and-the-s_b_805581.html

or consumption of the sweetener, aspartame, to protect the health of the public.¹³⁶ In common with the FDA, Britain must be subscribing to the Depopulation Agenda too!

The UK CoT and the FSA have ignored independent research papers,¹³⁷ 100% of which show that aspartame is highly toxic. Freedom of Information yielded complaints to the FDA about aspartame¹³⁸ from 1995-1998, the most they have ever had for a “food”.

Plans are underway now, implemented by the New World Order Elite,¹³⁹ to depopulate the planet's 6-7 billion people to a manageable level of between 500 million and 2 billion; by the following means:

- unsustainable/exploitative international development, which leads to massive hunger, starvation and famine worldwide
- the fomentation of war, hatred and military procurements leading to millions of deaths worldwide
- the poisoning and contamination of the planet's food and water supplies
- creation and spread of infectious diseases leading to global pandemic, plague and pestilence on an unprecedented scale.

‘Doomsday Seed Vault’ in the Arctic – Bill Gates, Rockefeller and the GMO giants know something we don’t

Is this what the British Government is involved in too? William Engdahl believes it is¹⁴⁰. Just as we have documented the annihilation of conservation bodies in Britain,¹⁴¹ Engdahl states: *“it was a first step in what was to be a decades-long, carefully planned process”*. What Jonathon Porritt describes as: *“the phenomenon of ‘creeping normalcy’, with things getting just a little bit worse each year than the year before but not bad enough for anyone to notice.”*¹⁴²

This might explain some of the policies pursued by Prime Ministers Margaret Thatcher, Tony Blair and David Cameron over the last 30 years

Margaret Thatcher had a special relationship with Ronald Reagan. She also began the close relationship with Corporations and undertook Deregulation of the financial sector and began Privatisation of state run companies, the crushing of the miners and steel workers. Tony Blair and George Bush had carefully planned an invasion of Afghanistan (which had never been defeated). The war on Iraq had been initiated under the pretext that Saddam Hussein had weapons of mass destruction. The war on Libya and the involvement in Syria fits in with: *‘Fomentation of war and hatred,’* as well as David Cameron’s support for the arms industry. The invasion of Syria had been planned for 2 years before the Arab Spring.¹⁴³

¹³⁶ <http://cot.food.gov.uk/pdfs/cotposponaspar.pdf>

The Committee on Toxicity of Chemicals in Food, Consumer Products and the Environment (COT) is an independent* scientific committee that provides advice to the Food Standards Agency, the Department of Health and other Government Departments and Agencies on matters concerning the toxicity of chemicals.

¹³⁷ http://www.mpwhi.com/peer_reviewed_research.htm

¹³⁸ http://www.mpwhi.com/92_aspartame_symptoms.pdf 1995-1998

¹³⁹ <http://rense.com/general64/pordc.htm>

¹⁴⁰ <http://www.globalresearch.ca/doomsday-seed-vault-in-the-arctic-2/23503>

¹⁴¹ Pages 8 and 12 this document

¹⁴² <http://www.theguardian.com/books/2005/jan/15/society>

¹⁴³ <http://www.intifada-palestine.com/2013/06/former-french-foreign-minister-the-war-against-syria-was-planned-two-years-before-the-arab-spring/>

The New World Order Elite¹⁴⁴

The industry claims that the neonicotinoid insecticides are ‘selective’ in their action against pests. In that, case why do they kill off beneficial organisms such as pollinators? Glyphosate isn’t selective; if you review the obituaries in the last 2 years, there are many people with brilliant minds who are having their lives shortened by cancers.

Why is a Utopia for the New Global Elite, like GM, built on false promises/premises?

Scientists have forgotten to factor in the effects of organisms in the Environment

- Neonicotinoid insecticides, designed to kill invertebrates, are broken down by microbes. But microbes are invertebrates. They are claimed to be selective to target pests. They are non-selective, therefore pollinators are killed off. Also all the tiny organisms that run the world without which man cannot live.
- If you design a GM which is herbicide-tolerant and allows you to spray more herbicide, weeds become tolerant and grow bigger *i.e.* super-weeds are created
- The same goes for insecticides; super-pests are created.
- If you pour chemicals into the environment, humans will be poisoned in a non-selective manner; they will kill off the wealthy elite as well as the poor.
- The Svalbard global seed bank; for what purpose?

Essays on 1914 and 2014 and uncomfortable parallels

There are three essays that look back 100 years to 1914 and find: “*uncomfortable parallels with the era that led to the outbreak of the First World War*”¹⁴⁵ ... “*if we can see past our blinders and take note of the telling parallels between then and now, the ways in which our world resembles that of a hundred years ago, history does give us valuable warnings.*”¹⁴⁶

The Rhyme of History: Lessons from the Great War by Margaret MacMillan, Professor of International History at Oxford University: “*A revolution in communications, science, and technology, making possible a new paradigm for violence and ways of killing ... A military not facing the consequences of the new technology of human killing for strategy, tactics, and casualty rates.*” Will 2014 See a Repeat of 1914? By James G. Wiles.¹⁴⁷

None of the three see clearly the real dangers, but James Wiles comes the nearest to it. “*For, remarkably in the Age of Obama, all these liberal writers condemn the dangerous foreign policies of not only the current administration in Washington, but also the leaders of the Western alliance, including Japan's Prime Minister Shinzo Abe.*” “*Is anyone in the White House and at the top of the U.S. State Department listening? On the evidence, probably not.*”

The dangerous foreign policies are not those of Obama and Cameron, but the predatory, violent, greedy, war-mongering Corporations including the Arms Industry.

Former French Foreign Minister: The War against Syria was Planned Two years before “The Arab Spring”¹⁴⁸

¹⁴⁴ <http://www.collective-evolution.com/2013/04/24/is-there-a-global-depopulation-agenda-being-played-out/>

¹⁴⁵ <http://www.economist.com/node/21591853>

¹⁴⁶ <http://www.brookings.edu/research/essays/2013/rhyme-of-history>

¹⁴⁷ [http://www.americanthinker.com/printpage/?url=http://www.americanthinker.com/articles/./2013/12/wil
l 2014 see a repeat of 1914.html](http://www.americanthinker.com/printpage/?url=http://www.americanthinker.com/articles/./2013/12/wil%2014%20see%20a%20repeat%20of%201914.html)

¹⁴⁸ <http://www.intifada-palestine.com/2013/06/former-french-foreign-minister-the-war-against-syria-was-planned-two-years-before-the-arab-spring/>

In an interview with the French TV station LCP, former French minister for Foreign Affairs Roland Dumas said:

“I’m going to tell you something. I was in England two years before the violence in Syria on other business. I met with top British officials, who confessed to me that they were preparing something in Syria. This was in Britain not in America. Britain was organizing an invasion of rebels into Syria. They even asked me, although I was no longer minister for foreign affairs, if I would like to participate. Naturally, I refused, I said I’m French, that doesn’t interest me.”

Did Parliament know? I suspect it wasn’t consulted. It must have been a great blow to David Cameron’s pride when Parliament voted against war with Syria.¹⁴⁹ That put the pressure on Obama who paused and thought about it.

However, the US and UK may be working up to it again. An essay by Seymour M. Hersh appeared in the London Review of Books: *Whose sarin?* This suggests that Barack Obama might not have told the whole story about the provenance of the sarin.¹⁵⁰

- John Kerry, in justification of the bombing of Syria by the US on 30/08/2013: *“History will judge us harshly if we turn a blind eye to use of weapons of mass destruction”*.
- Has John Kerry forgotten the Vietnam War, after which he gave evidence to Congress about US War Crimes?
- *In the course of 10 years, American forces sprayed nearly 20 million gallons of the chemical (a dioxin, Agent Orange) in Vietnam, Laos and parts of Cambodia in an effort to deprive guerrilla fighters of cover by destroying plants and trees where they could find refuge.*¹⁵¹

Among the illnesses contracted by people exposed to the dioxin are non-Hodgkin’s lymphoma, several varieties of cancer, type 2 diabetes, soft tissue sarcoma, birth defects in children, spina bifida and reproductive abnormalities, to name a few.

The US government, however, has dismissed these figures as unreliable and inflated.

Earlier this month (July 2013) the Association for Victims of Agent Orange in Ho Chi Minh City has filed its fourth lawsuit against Monsanto & Dow, the American chemical companies that produced Agent Orange.

- *South Korea’s highest court on Friday upheld a ruling, ordering two US Agent Orange makers to compensate 39 Vietnam War veterans in one of the country’s most prominent lawsuits.*¹⁵²
- *The Supreme Court (SC) recognised the epidemiological correlation between the toxic defoliant and skin diseases for the first time, saying the 39 victims should receive a total of 466 million won (\$415,000) from Dow Chemical and Monsanto. US forces widely sprayed Agent Orange, which contained the lethal chemical dioxin, in Vietnam during the conflict to deprive enemy guerrillas of forest cover and destroy food crops. Veterans in South Korea estimate the number of Korean victims of the*

¹⁴⁹ <http://www.parliament.uk/business/news/2013/august/commons-debate-on-syria/>

¹⁵⁰ <http://www.lrb.co.uk/v35/n24/seymour-m-hersh/whose-sarin>

¹⁵¹ <http://www.dailymail.co.uk/news/article-2401378/Agent-Orange-Vietnamese-children-suffering-effects-herbicide-sprayed-US-Army-40-years-ago.html>

¹⁵² <http://www.thehindu.com/todays-paper/tp-international/dow-monsanto-ordered-to-pay-agent-orange-victims/article4913976.ece>

chemicals at about 150,000. Many insisted they were suffering from various ailments associated with exposure to the powerful herbicide. Vietnam says millions of its people have died or suffered from direct or second-generation disabilities as a result of the use of Agent Orange.

- *Washington has never accepted responsibility for the Vietnamese government's claim.*

Can a collapse of global civilization be avoided?

In 2005 Professor Jared Diamond wrote an influential book: Collapse: How Societies Choose to Fail or Survive.¹⁵ Several of these explanations have direct relevance to our own ecological crisis: a failure to anticipate future consequences; an inability to read trends or see behind; the disproportionate power of detached elites, particularly when they condone or even positively promote what he describes as "*rational bad behaviour*" on the part of those who manage or use natural resources. For those interested in the role of big business (either as "saints" or as "sinners" in the pursuit of more sustainable ways of creating wealth), Diamond devotes a whole chapter to examining the behaviour of oil, mining and forestry companies around the world. Their recurring and often egregious "*bad behaviour*" can indeed be interpreted as "*rational*", inasmuch as governments have consistently failed to proscribe such behaviour (either through legislation or by forcing companies to pay a proper price for the use of the natural world), while the majority of consumers would appear to be relatively indifferent to the environmental damage done in pursuit of their cornucopian fantasies.

His close friend Professor Paul Ehrlich, the eminent population ecologist from the Department of Biology at Stanford University, has posed the question: Can a collapse of global civilization be avoided?¹⁵³ Prof Ehrlich has harsh words to say about the pole-to-pole spread of toxic compounds, the accelerating extinction of animal and plant populations and species, which could lead to a loss of ecosystem services essential for human survival, and "*the trade-off for immediate corporate profits*".

Here are some pertinent phrases from these papers:

- *There have been increasing signs of great toxic peril for humanity and its life-support systems, with a growing threat from the release of hormone-disrupting chemicals that could even be shifting the human sex ratio and reducing sperm counts*
- *destroying fables such as 'growth can continue forever if it's in service industries', or 'technological innovation will save us'*
- *reduction of the worship of 'free' markets*
- *Unfortunately, awareness among scientists that humanity is in deep trouble has not been accompanied by popular awareness and pressure to counter the political and economic influences implicated in the current crisis*
- *Without significant pressure from the public demanding action, we fear there is little chance of changing course fast enough to forestall disaster*
- *This will require developing mechanisms to force big corporations (including those in big agriculture and big pharma) to bear social responsibilities like the real individuals whose rights they legally want to assume.*

¹⁵³ <http://rspb.royalsocietypublishing.org/content/280/1754/20122845.full>

Appendix graphs of glyphosate applied to crops & percentage of GE corn and soy planted





