

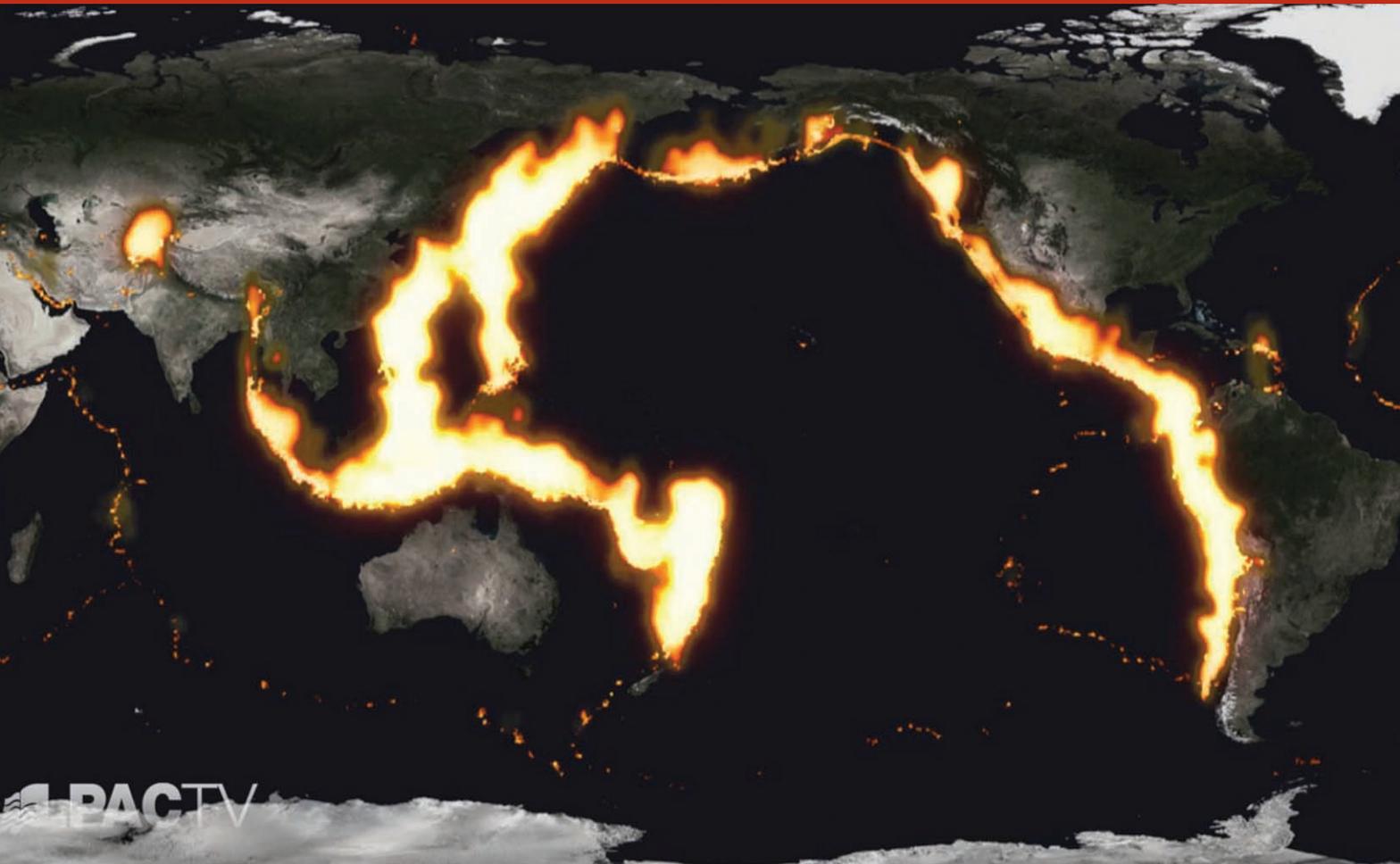
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A World Gone Mad: Are We Smarter than the Dinosaurs?
Evolutionary Potential: Space and Cosmic Radiation
The Sun Is Acting Up: No Compromise with the Greenies!

**A Confluence of Crises: Our
Job Is To Manage the Universe**



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EIR

From the Managing Editor

What you are about to read in this magazine on the developments in Japan is absolutely unlike what anyone else in the world is saying. For starters, there were no “developments in Japan.” What is going on here has nothing to do with Japan’s nuclear power plants, but rather with a much, much more powerful energy source: the Sun itself. “The Sun is acting up!” Lyndon LaRouche exclaimed. It’s the “Pacific Ring of Fire”!

How do we know that? If you are a regular reader of *EIR*, you know that the LaRouche Basement Team of young scientists has been doing breakthrough work for several years respecting man’s understanding of the physical universe. *EIR* published their special report on the “Extended Sensorium” (Feb. 4, 2011), destroying the myth of the “five senses,” and exploring such realms as magnetoreception, polarized light, synesthesia, and organisms’ sensitivity to electricity. We have published transcripts of relevant videos, which can be viewed at <http://www.larouchepac.com/basement>. All this new information was being pieced together on a daily basis, when, suddenly, the earthquake hit Japan on Friday, March 11. LaRouche, who never lets the grass grow under his feet when a crisis hits, convened the Basement Team on Monday, March 14, and challenged them to post to the website, by Tuesday night, a quality video with our evaluation and the preliminary documentation for it. The deadline was dictated by necessity: On the one hand, the crisis is *much bigger* than even a catastrophic earthquake and tsunami, the biggest in Japan’s history; on the other, it was essential to head off the explosion of anti-nuclear lies in the so-called mainstream media. The alternative would be a new Dark Age for the planet.

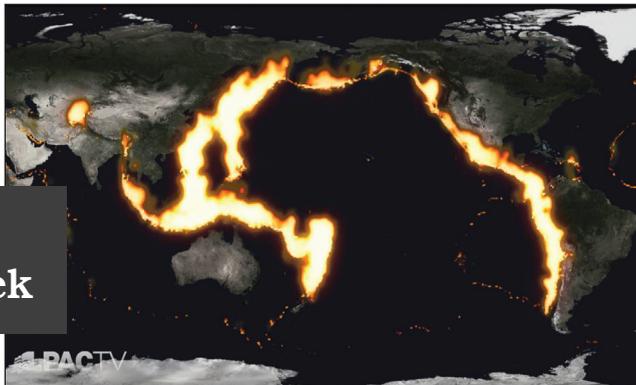
The results of this work are reported in various places in this week’s issue, from LaRouche’s briefing to a private Washington audience (*Strategy*), to his discussion, along with Basement Team leader Sky Shields, on The LaRouchePAC Weekly Report (*Feature*), to the ramifications in Germany (*International*). The videos by Natalie Lovegren and Peter Martinson are available at <http://www.larouchepac.com/node/17749> and <http://www.larouchepac.com/node/17788>.

And in *Science*, Alicia Cerretani and Sky Shields take on another part of the story, looking from a galactic perspective: the basis for a competent, anti-Darwinian, understanding of evolution.



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*fThe Pacific Rim
of Fire*



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Lyndon LaRouche's keynote speech to a private luncheon in Washington March 17, in which he addressed "several subjects which are of vital importance as world issues right now": the worst worldwide economic crisis in modern history; the unusual perturbations on Earth, coming from our Solar System and galaxy, as evidenced by the mega-quake and tsunami that hit Japan earlier this month; a third element, the global "mass strike" which has broken out in response to the ongoing disintegration of the British imperial monetarist system, has the potential to overturn that system, and usher in a new creative age of mankind.

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Students and their teachers throughout the nation are coming out in droves against the brutal budget cuts being imposed in education, health care, pensions, and more, by fascist governors in state after state. And the six LPAC Congressional candidates are providing the needed leadership to this mass strike movement.

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Simultaneous with the American War of Independence, a similar force was gathering strength in Ireland. Benjamin Franklin saw the rising tide of revolution as the chance to destroy the British Empire. In 1769, he travelled to Ireland to scout out the possibility for an alliance between the two countries; he wrote back to his fellow patriots in Massachusetts: "All Ireland is strongly in favor of the American cause. They have reason to sympathize with us."

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LAROUCHE ADDRESS

A Confluence of Crises: Our Job Is To Manage the Universe

Here are Lyndon LaRouche's remarks to a private luncheon in Washington, D.C. on March 17.

There are several subjects which are of vital importance as world issues right now. One, of course, is the economic crisis. We have the worst worldwide economic crisis in modern history now developing. It's developing in part, in Europe, in the threatened breakup of the euro system, and I can see no hope for a continuation of the present euro system. Countries which are involved in the euro system are in the process of breaking from it, or being forced to break from it. There's no choice. That's the situation.

But this is also in the trans-Atlantic region, especially. The entire economic-financial situation of the trans-Atlantic region is now doomed: It can not continue in its present form. There are reforms available, if adopted, which can solve the problem, and I will identify them.

The second thing is we now have a crisis which is probably even more threatening than this grave international economic crisis: The Sun is acting up! Now, you'll find that we have included in some of the materials we've supplied for you here, several reports, including a report which we did on Tuesday evening, on the nature of the crisis of the Pacific region, which is a breakdown crisis, hitting Japan, of course, but Japan is only part of the whole region that's going to

go up. I'll explain that.

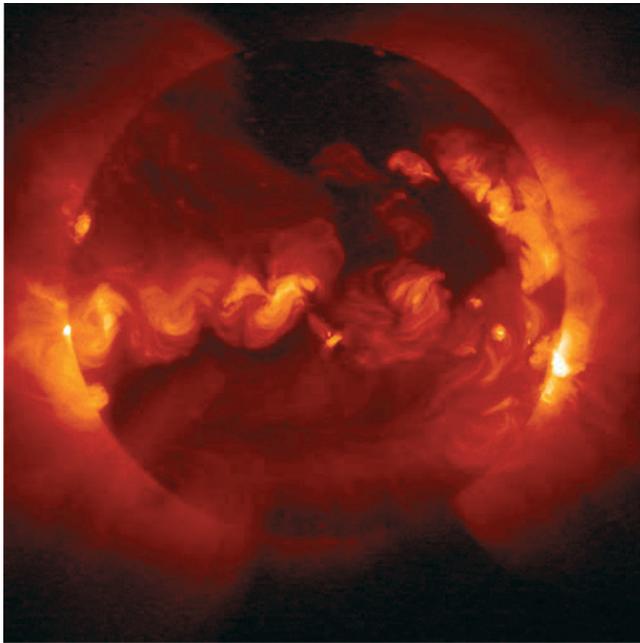
The economic crisis of Asia is of a somewhat different nature. China, India, and Japan and so forth—these major countries of Asia are not as vulnerable on their own account to a crisis, as the trans-Atlantic region. The present world economic crisis is centered in the trans-Atlantic region. Asia, however, could not withstand a collapse of the trans-Atlantic region. So therefore, we're all put together. But probably the most important of the crises is precisely that.

A 'Mass Strike' Has Broken Out

Now, we have also a factor in this situation, which has broken out in recent months. It started in Tunisia, in Tunis, and it spread into Egypt. It is now still raging in West Asia, and beyond. This is a *major* crisis.

What this means is, what has broken out is what we call a "mass strike." This is something which was first introduced as a concept to Europe by the famous poet Percy Bysshe Shelley; and in the concluding paragraph of his work, *A Defence of Poetry*, he identifies this phenomenon. Now, he finished writing this in 1815, and the significance of 1815—he didn't complete the work, but he completed this paragraph, which was to be the second part of the work.

Now, the reason he didn't complete the thing is obvious: 1815 was year of the treaty among the British and the Austrians, and that treaty assured Shelley,



NASA

We going into a period where the Sun is very active, LaRouche explained. Recent events on the Pacific Rim reflect this solar activity, from the earthquake in Haiti in January 2010, to the recent mega-quake and tsunami in Japan. Shown: solar flares, as photographed by the Yohkoh Soft X-Ray Telescope.

among others, that the optimistic view he was expressing in that last paragraph was not going to be the view for Europe; that Europe was going into a terrible crisis. Because he had foreseen the possibility of a great re-awakening of civilization with the end of Napoleon and what he represented.

But things went in a different direction. The British, and of course the famous Chancellor made an agreement behind the back of everybody else, and Europe was plunged into a permanent crisis, which continued in that form until 1890, at the time when Bismarck was thrown out of office, and preparations for World War I were unleashed.

So, the second one, of course, was the famous forecast of the mass strike by Rosa Luxemburg, who was, among other things, a scientist of first rate. And her treatment of the nature of the British Empire and its effect upon Europe is classic. This was the first true forecast, competent forecast, of the nature of the general European situation at that time.

So what has happened, is that a popular movement has erupted, spreading from North Africa into the United States, and the United States now is dominated by the buildup of a mass-strike movement. It's famous,

of course, in Wisconsin, but it's also in a number of other states. It is going to spread: It is a mass strike that can not be controlled by normal means. It's a true revolutionary movement. It's a bloody mess right now, very much like the round-up for the French Revolution. But, it's there; this change has occurred.

So these are the factors we have to consider primary: A mass strike, which is hitting the United States very hard internally—and this Presidency may not last much longer, particularly because of the imminence of the high rate of acceleration of inflation, which is caused by the British system, and by the United States system at present. We're now in a hyperinflationary process inside the United States! If the next round occurs as is promised from the Federal Reserve System, then there will be an explosion of a true hyperinflation coming on very rapidly inside the United States. Such a hyperinflationary movement will blow out the Atlantic system, the trans-Atlantic system. So we're now at a point where great changes *will* occur, and some great changes *must* occur, in order to get us through this kind of mess.

We Are Dealing with Cosmic Forces

Now, on this other crisis, the Pacific crisis, which is now featured in the press as focused on Japan. It is not a Japan crisis: It is a crisis which has *hit* Japan; it is not a crisis *of* Japan. It's a crisis which has hit Japan as a part of the whole region. The crisis started in the southern half of New Zealand, the lower half. We've had a series of major earthquakes, and that's what's happened.

Now, we have to understand that these earthquakes have nothing to do with nuclear power plants, except that they may destroy nuclear power plants. But the nuclear power plants are not a problem, in and of themselves. The problem lies with the earthquake phenomenon.

As many of you know, the area of the Pacific is characterized by a spread of volcanoes, active or semi-active volcanoes. And under certain conditions, which are determined by solar phenomena—we're in that kind of solar period now, a period where the Sun is relatively quiet, going into a period where the Sun is very active. Normally, this cycle is, as indicated in some of the reports you have—we figured it's an 11-year solar cycle, from quietness to high activity. It's actually a 22-year cycle, because you have a North Pole magnetic field and a South Pole magnetic field.

Now it is extended from 11 years to 13, and the crisis is much bigger than it has been in previous times.

So, what has happened in the Pacific region, at present—the Pacific is called the “Rim of Fire,” the entire region. Take a list of any number of the major volcanoes in the Pacific area, from Pakistan all the way to California, down to Chile. This whole area is an area which is subject to forces, solar forces, beyond the imagination of virtually anyone except top scientists. And every region that has volcanoes, including ones which have been inactive for a while, has the possibility of blowing up.

And what’s happened in Japan: Japan was hit by a combination of forces, all caused by this phenomenon. The tsunami and the entire outbreak is a result of this phenomenon. And this phenomenon will probably continue for another two to three years in this form, and it will become worse. And therefore, we are dealing here with cosmic forces, which actually are, in part, located within the galaxy, of which the Solar System is a part. These are galactic forces which are threatening us in a way which has not been experienced in recent centuries. How bad it will be, we don’t know. But we have to understand that that’s the situation.

Two Crises: Financial and Intellectual

So, we have two things: We have a financial crisis, a breakdown crisis of the entire trans-Atlantic region.

For example, the central banking system of the entire trans-Atlantic region, is the Inter-Alpha Group. The Inter-Alpha Group has a subsidiary bank which is called a “bad bank”: It’s called the BRIC [Brazil, Russia, India, China]. A “bad bank” is a bank which is created to dump garbage. In other words, if you have bad loans, and bad credit, your credit goes into the bad bank. Then the bad bank goes into bankruptcy, and the other nations, presumably, or other banks, are able to survive,



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It is not a Japan crisis, LaRouche stated. It is a crisis which has hit Japan (shown here on March 13), as a part of the whole Pacific Rim region.

because the bad banks absorb the crisis. That’s the fate we face.

This crisis can be solved: It would mean shutting down the present British system, because the Inter-Alpha Group is the British system, which controls about 70% of the world’s international banking. This is the system which is using the euro as a bad bank. In other words, the entire euro system is being used by the British Empire, in the name of the euro, as the bad bank which is going to sink Europe. This was created to be dumped, and you’ll find that the nations of continental Europe which are in the euro system, are being looted, in order to try to save the British system. But it won’t work; they just don’t know what else to do.

So, what you’re doing, you’re dealing with a crisis on a global scale, spilling over from the trans-Atlantic region, into the Asian region—that is, even nations such as China and India, which are large nations, and apparently have no internal problems of any great magnitude of this type, now—but they could not withstand the collapse of the world economy, which could happen with this immediate crisis. That’s the situation we face.

The other problem is intellectual: Most forecasting, economic forecasting, that is done, is intrinsically incompetent, because the forecasting is dominated by the British Liberal system. The British Liberal system is something which was invented, actually by Paolo Sarpi,

in the 16th Century. And he had a system and said, essentially, you have to replace the Aristotelean system. And his argument was that we could create a system which could allow some kinds of investment and expansion, where the old system, which was a fixed system, couldn't. But he meant that mankind would have to come under the rule of a system, in which the people would be controlled by a sense of pleasure and pain. That's the Sarpi system.

Now a key follower in the British system was that, of course, of the British system of Adam Smith for example. Adam Smith believed and said that mankind can be ruled by two principles: pleasure and pain. Mankind has no ability to determine, or predetermine anything, except pleasure and pain. Therefore, the argument was, if you use pleasure and pain as a means to control nations, you can control nations. And that has worked. That's the British system. Induce pleasure and pain: I'll give you pleasure for this, I'll give you pain for this; and by this kind of treatment, the manipulation of nations occurs.

Therefore, modern economic forecasting is done on the basis of statistical methods, which are based on the concept of pleasure and pain, not on reason. And that's why most forecasting that is done by economists has failed. Except economists who restrict themselves to objective phenomena, such as weather and that sort of thing, which we can do more and more, and better and better. But that's the situation we're in.

So therefore, we are coming to the point that we are in this mess because the populations and nations have been controlled by an imperial system of pleasure and pain. And by threatening people with pain, and selecting what you're going to make painful, because you make people suffer—that's pain. Then you offer them pleasure; you tell them what their pleasure can be, what their entertainment will be, and they submit. And nations have been controlled by this kind of manipulation of the Adam Smith system, which has been the basic



IAEA/Petr Pavlicek

China and India are committed to nuclear power. The question is: What kind of nuclear power? Nuclear fission is good, but not good enough, not powerful enough. Now China, in particular, is going for a higher form of power, thermonuclear fusion. Shown: the Kudankulam nuclear power plant under construction, in Tamil Nadu, India.

controlling feature of the world empire, such as it exists today.

Asia Is Committed to Nuclear Power

Asia is not quite as susceptible to pleasure and pain in the same form as the trans-Atlantic region. Therefore, Asia has, like major nations such as China and India have, their own problems; but their problems are of a different nature than those of Europe. Asia is now in a progressive mode. China has been, despite the recent reports in the press, China is committed to nuclear power. India is committed to nuclear power. That's the correct policy. The question is: What kind of nuclear power? We are now using fission, nuclear fission, as a source of power in that region. That's good, but that's not good enough. Because it's not powerful enough. Therefore, both India and China—China particularly—is going for a higher form of power, thermonuclear fusion, one of my old things that I used to be involved with in this policy.

So therefore, Asia is in an attempt to try to grow back as a section of the world. Japan is part of that, Korea is part of that; other nations are part of it. And thus, these regions, while they are underdeveloped—I mean, the poverty in India is *massive*; the poverty in China is, for China, *massive*. The difference is that

India and China, unlike Europe, are in a period of relative growth. That is, the good part of the economy is growing.

Whereas in Europe, what would be considered the good part of the economy, which generates wealth, is shrinking, and especially since this euro system was installed, as part of the 1989-1990 agreements, along with the British, led by some others, the French President and the United States President, condemned Europe, continental Europe, to the euro, as a condition for the settlement of the reunification of Germany.

So, Europe has been in an accelerated decline over this entire period. The planet as a whole has been, actually, in a decline, since the late 1960s, but you didn't notice it so much. It's in this last period, the past decade or so, that you felt, in Europe and Africa and Asia and so forth, you felt the effects of this global collapse. But Asia has been, in a sense, an exception to the severity of the breakdown crisis—and it *is* a breakdown crisis—which is occurring, centered in Europe. It's hit the United States very strongly, and threatens to blow up, for example, Brazil.

Brazil is in great danger now, because Brazil is part of the BRIC system, and the BRIC system is a bad bank. Therefore, the present agenda is to blow up Brazil, because the bad bank will go under. Study the loans in Brazil—looking at the lending system, you will find that the life of the loans which are outstanding exceed the life of that which is security for what's outstanding. In other words, Brazil is bankrupt.

Well, that's not really a problem, because we can always, as nation-states, if we agree as nation-states to fix the system, we can reorganize debts. We can cancel debts that are worth cancelling. And much of the debt outstanding is cancellable.

For example: The United States, in an act of insanity in 2008, went into a kind of bailout debt—a terrible mistake. The banking systems of most nations of the



Under a Glass-Steagall law, commercial banks will be insured and protected. Then we will take all the toxic debt, and dump it into the equivalent of a "bad bank": the merchant banks of Wall Street and London. Here, LPAC Texas Congressional candidate Kesha Rogers (front, second from right) leads a rally in Austin.

LPAC-TV

world are committed to this kind of debt, a corrupt form of debt. We used to have a debt which was based on physical debt: We would have one set of banks, which we called the commercial banks, and the commercial banks under the U.S. system, formerly, before this change was made, was the Roosevelt system, from 1933 to that point. Therefore, we kept separate, banks which were commercial banks, which were under regulation, and did not engage in speculation. Most of the debt in the world today, since then, now, is worthless debt! In other words, if you want to have an economy grow, what you would do is wipe out all this debt, which is simply gambling debt. They're like gambling debts, merchant banking gambling debts.

Bring Back Glass-Steagall!

So, if the United States is going to survive, that means the United States government is going to install a Glass-Steagall system. And the pressure is now again, on members of the Congress to come forth with a Glass-Steagall law. A Glass-Steagall law by the United States would probably be the way in which we could deal with and control this world crisis, world financial crisis. Because probably \$15 trillion worth of fake debt, is sitting on the back of the United States today, and as long as that debt sits on the back of the United States, the United States is going down the tubes.

What we would do with a Glass-Steagall law—which was the same law that Roosevelt put into effect in 1933—the Glass-Steagall law would say: Commercial banks will be insured and protected. So we will take the commercial banks and we will save them. We will take all the debt which is of another kind, and we will dump it into the equivalent of a bad bank: the merchant banks of Wall Street and London. And we don't care if it goes away! Because this debt is worthless. It has no intrinsic value. It's worthless debt! And nations are being suffocated, and bled to death by worthless debt. If the debt were restricted to legitimate, commercial banking debt, commercial credit systems, then we would not have this mass of debt.

For example, the British are afraid of this: If the United States makes the Glass-Steagall reform, we will no longer owe any of this trillions of dollars of debt, which is fake debt, worthless debt. If the euro goes with the same system that the United States does, then the euro will split out from the British system. In that case, most of the debt of Europe will be cancelled, the nominal debt. If you restricted the obligation in debt to an honest commercial debt, you would find you would liberate Europe, the United States, and other parts of the world from this debt which is choking us all now.

But the problem with this debt is not only that it's so large: The problem is, it grows like a cancer. The rate of increase of worthless debt, to actual, valuable commercial credit, is accelerating at such a rate, that we now have, globally, a hyperinflationary phenomenon comparable to what happened in one nation, in Germany, in 1923. The whole euro system is ready to blow out with a 1923-style explosion like that of Germany in 1923. That explosion in Germany, which was then a selected *victim* of the Versailles powers, happened in a very predictable way, in one year! In one year, they wiped out Germany!

Now this is a more complicated debt, because it involves many different kinds of nations, and parts of nations, and sections of the world. But the same principle is there: The present international monetary-financial system *is* the disease. If we do not eliminate the disease, we are not going to have civilization, and therefore, we should eliminate the disease!

My view is, it's the responsibility of the United States, which terminated the Glass-Steagall law before, to return to it now. That means we will probably eliminate \$17 trillion worth of U.S. debt! And if the United

States does that, I can guarantee you that most of the nations of Europe will do the same kind of thing: They'll go back to a protectionist system, like the Glass-Steagall system. And it will be the responsibility of the United States then, to initiate a global system, a fixed-exchange-rate system, like that which was canceled in 1971.

Under a fixed-exchange-rate system, as Roosevelt had intended, we could solve the problems of the planet. It's feasible to do so.

Mankind Will Not Survive without Scientific Progress

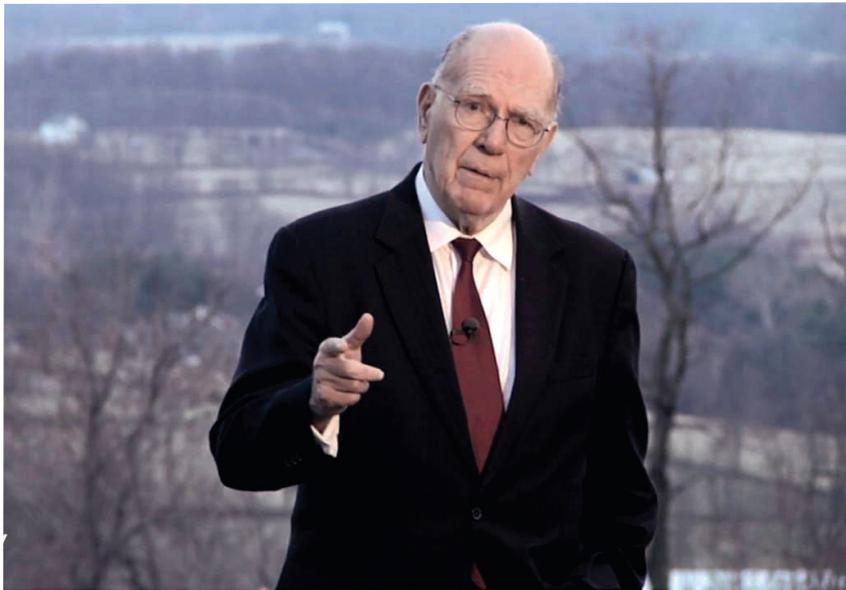
Now, the other problem here is also a political problem; it's also a scientific problem, and it has three aspects. One, that there is no such thing as a Second Law of Thermodynamics. It's a myth. If you look at the history of life on this planet, for several *billion years* on Earth, and look at the record of species, and what the quality of these species were, over these 3 billion years, you find that the level of performance of these species is rising. Also we find, that if we don't raise the level of existence of species, the planet decays.

So therefore, there is no law of a fixed rate, of a fixed limit; there is no principle of that type. Mankind depends upon, and the planet depends on a constant rate of development, to higher forms of organization, as you see in the history of species, from the study of remains of former species in the history of this planet.

So therefore, man can survive only by the human will, through the use of those creative powers, conscious creative powers, which are specific to mankind, and thus, scientific progress.

We have another problem: The Sun is a very dangerous animal, as you see right now; in some of the reports you've seen from our recent report, the report that I organized to be presented last Tuesday, and then, what I did yesterday, in a report on the same thing: The secret of the planet, the secret of the economy on the planet, is to increase what I call the relative energy-flux density of the planet: That is, mankind must go from simple burning of wood—mankind lives on fire; it's the only species that willfully chooses fire. And fire is key to mankind.

Now there are many kinds of fire. We go from burning trash, burning wood; we go to charcoal; we go to petroleum; we go to natural gas. And now we've reached a point that you can not maintain the population of this planet on less than nuclear power, nuclear fission power.



LPAC-TV

If we use the power that we have, and the brains we have, we can prevent the extinction of the human species. "But we can not rest on what our present abilities are: We have to think that our grandchildren and their descendants will have developed new powers beyond what we have today, to control man's destiny, within the Solar System, and within the universe." Lyndon LaRouche appears here in the LPAC video, "The Rim of Fire."

Without nuclear fission power, you can not maintain the population of the planet.

We are now reaching the point where nuclear power is developed to a large degree—not sufficiently, but to a large degree. But it's not sufficient. We must now go ahead to thermonuclear fusion as a primary leading source of power, which is what China was committed to recently. Same thing. Therefore, we must increase man's power as measured in concentration of calories, as well as in other terms. We must increase in terms of physical science. We must increase the *power* of physical science to meet human needs.

And therefore, we have a situation, which is a terrible situation, and within it, we have a revolution: What you have, as Rosa Luxemburg prescribed, but also what Shelley prescribed, in the concluding paragraph of his *Defence of Poetry*, is that mankind does not really depend upon sense-perception. Sense-perception is a very crude instrument which we rely upon.

We find that mankind also has a higher form of intelligence, as even some animals do. But mankind's intelligence is such that it's our creative intelligence, our creative powers to make discoveries of principle, to

change the character of man's existence, by raising man from a lower level of ability to exist, to a higher level!

And this drive, to always go to a higher level of scientific progress and development of mankind, is the basis on which mankind depends for success of the human species. Every other type of animal life, other than man, is *ultimately doomed*, because it becomes outmoded. Only mankind, which has the ability to change mankind's own nature, to improve mankind's own nature, is capable of overcoming the challenge of the requirement. You would never have a monkey be able to invent a nuclear fission program. You would never have a monkey, which could develop thermonuclear fusion. We need those, now!

We need to educate our populations, in science, in technologies of science, and in culture. We need a Classical cultural revival to go with

this. Man's intelligence then will enable human beings and nations to develop themselves to solve these kinds of problems, which no mere animal could solve! That's the nature of mankind.

We Can Learn To Control These Forces

So that's where we stand: We stand in an awful period of time. Over the coming years, you're going to find that the power of the Sun alone, let alone the galaxy, because the galaxy controls the Solar System actually. But, we're going to require changes in our behavior, to accommodate the problem of exploding volcanoes and similar kinds of things around this planet. Every area, especially the area of the Pacific rim, which contains the greatest number of active and inactive volcanoes of this planet: that whole region, and that combination of volcanoes, dead and still active, is the great threat we have to contend with. The power that these volcanoes represent, is far beyond any known method of power used by mankind so far. That's why mankind faces a kind of hopelessness in dealing with volcanoes.

We *can* control this, more and more. We have to be able to control it more and more.

If you just take into account the things we reported yesterday, in our discussion with Sky Shields and so forth, the same thing: The power that we're contending with, the power of the Sun, the power of *one burst* of plasma from the Sun into our vicinity—if we didn't have a protective screen built up around our planet, by life itself, if we didn't have that protective screen, we could not exist. This is a power out there, way beyond any power we have, that man uses on Earth itself. And obviously, in the long term, we have to understand that mankind, dealing with the fact that this Sun is now scheduled to blow up, maybe 5 billion years from now, we'd better have a policy of saying that we're going to develop the power of mankind to control mankind's destiny, beyond what we have today, far beyond what we have today.

It means that the creative power of the mind, it means that the education of our children to develop their creative powers, is the most essential thing for all of us. We have to have a global perspective of a policy of going always to higher and higher forms of man's power, to deal with the threats to mankind. We have to do that not only on this planet, because we can't defend our planet

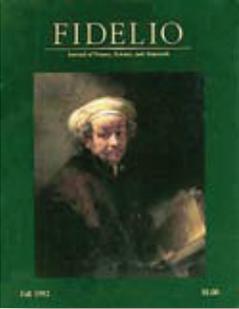
alone. We exist in a Solar System; the Solar System is merely a little thing inside a great galaxy; and we have to learn to be able to deal with that, the same way that we deal with every other problem that we've solved; mankind must constantly go ahead to higher forms of power, for the sake that mankind will not become another dead species, like the many dead species we buried in chalk and similar kinds of things in the past.

Living species have been wiped out *en masse*, in entire successive generations. Only man has demonstrated the ability in practice, to resist those threats. We're not powerful enough yet, to deal adequately with those threats, and we're warned of this by what's happening around the rim of the Pacific: The whole region for the next two or three years, is in danger of blowing up, with volcanic and similar kinds of explosions.

If we use the power that we have, and the brains we have, we can do something about that. But we can not rest on what our present abilities are: We have to think that our grandchildren and their descendants will have developed new powers beyond what we have today, to control man's destiny, within the Solar System, and within the universe.

FIDELIO

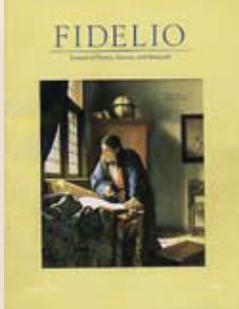
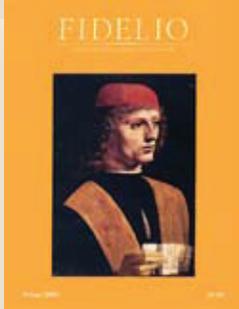
Journal of Poetry, Science, and Statecraft



From the first issue, dated Winter 1992, featuring Lyndon LaRouche on "The Science of Music: The Solution to Plato's Paradox of 'The One and the Many,'" to the final issue of Spring/Summer 2006, a "Symposium on Edgar Allan Poe and the Spirit of the American Revolution," *Fidelio* magazine gave voice to the Schiller Institute's intention to create a new Golden Renaissance.

The title of the magazine, is taken from Beethoven's great opera, which celebrates the struggle for political freedom over tyranny. *Fidelio* was founded at the time that LaRouche and several of his close associates were unjustly imprisoned, as was the opera's Florestan, whose character was based on the American Revolutionary hero, the French General, Marquis de Lafayette.

Each issue of *Fidelio*, throughout its 14-year lifespan, remained faithful to its initial commitment, and offered original writings by LaRouche and his associates, on matters of, what the poet Percy Byssche Shelley identified as, "profound and impassioned conceptions respecting man and nature."

Back issues are now available for purchase through the Schiller Institute website:
http://www.schillerinstitute.org/about/fidelio_form.html

THE LESSON OF JAPAN

The Sun Is Acting Up: No Compromise with the Greenies!

This March 16 Special Edition of the LPAC Weekly Report, hosted by John Hoefle, featured guests Lyndon LaRouche, and Sky Shields of the LaRouche Basement research team. We encourage you to view the video at <http://larouchepac.com/node/17758>. Here is an edited transcript.¹

John Hoefle: Hello, welcome to the LaRouchePAC Weekly Report for March 16, 2011. I'm John Hoefle, and with me in the studio today, are Sky Shields of our Basement Team, and Lyndon LaRouche.

So, we have a very cosmic show today.

Lyndon LaRouche: Precisely. We are faced now, in terms of anything we have broadcast, from here, or similar locations, the most thunderously important development in modern history, perforce. What's happening is, first of all, on one side, the international trans-Atlantic press is lying. This is not unusual for the trans-Atlantic press, to lie, but the lies now are beyond any belief possible. Every day, the *Washington Post*, the *New York Times*, the *Financial Times*, and so forth, are putting out propaganda which is absolutely false.

Now, what's happening is, and it began in February:

We have a series of major seismic catastrophes, which began in the South Island, in particular, of New Zealand; it's spreading up the Asian coast, and on principle, is heading, ultimately, toward Alaska, down to California, and down to Chile. It's part of the same process in general, which knocked out parts of the world before, earlier, but this is now coming on. Sky will go into some of the technicalities as they come up on this, but I'm going to stick to the general concept of what's going on here.

What you have is, the international press, for the past several weeks, including the *New York Times* and *Washington Post*, and so forth, who are lying their heads off: Nothing they say, in the headlines of this press, is true. What they're trying to do, is create a scare around a big lie: The lie is that the problem in Japan is a matter of a nuclear power crisis. There's no truth to it whatsoever. The nuclear power plants in Japan, have done very well. They've gone *beyond*, in their ability to sustain themselves, beyond anything that was built into their design.

So there's nothing wrong with the nuclear plants, except they're being wrecked—by what? They're being wrecked by a crisis which is *orders of magnitude greater than any nuclear power plant ever built on this planet*. And it's the Sun, the son of you know what. And the Sun is acting up again. We're in a cycle period, but this is more extreme than in earlier

1. All images produced for this article, beginning on p. 6, are taken from the LPAC video, "The Rim of Fire," featuring Peter Martinson and Natalie Lovegren.



The outrageous lying of the trans-Atlantic press concerning what has happened in Japan, “is beyond any belief possible,” LaRouche charged, on the LPAC Weekly Report, where he appeared with Sky Shields (left), and host John Hoefle.

LPAC-TV

cycles we’ve experienced.

But what you’re getting, stories from all of these press are saying “nuclear crisis, nuclear power crisis, nuclear power crisis, nuclear power crisis”—Europe, here, and so forth. *It’s all one lie!* Because the power involved here is orders of magnitude beyond anything that any nuclear plant ever devised could do! It’s one big lie.

Nothing Wrong with Japan’s Nuclear Plants

What’s happening is that the Sun is acting up! That is, the Sun is acting up in a degree which apparently exceeds what we’ve experienced earlier. And what has happened is, essentially, super earthquakes are occurring. And they are occurring especially in the Pacific region, on the Pacific Rim. And it broke out, first of all, in the islands of the Atlantic, but then, the current serious cycle started in the South Island of New Zealand, went up to Japan, and it threatens to go to Alaska; it threatens to come down the West Coast of the United States, and so forth, and so on, and other places. We have no idea what the limits are. We have some indications of what we’re dealing with. But what is being published in the press, is one complete, absolute lie.

When you take the *Washington Post*—it’s lied as it’s never lied before. The *New York Times* has lied as it has never lied before—and they were good at lying; they’ve got a long record for this sort of thing, even treasonous

lying, that sort of thing. But this is the worst.

So, what has to be understood is just exactly that.

And what we’re doing is the obvious thing: We have a certain degree of knowledge of these matters. We also have a degree of knowledge of what we *don’t* know—and that’s even more important than what we do know. But we’re going to use the occasion of this crisis, to push the investigations into what we have to come to know, in order to deal with this crisis. There’s nothing wrong with the nuclear power plants in Japan, absolutely nothing wrong. They held up beyond all previously established standards for security. But what happened is, the crisis in the Pacific, the Pacific region, just went beyond all existing standards for these nuclear plants. And so, they just were wrecked.

But you have to see, that the forces involved in this crisis are several orders of magnitude greater than any nuclear power plant ever built, greater than even our famous explosions, hydrogen explosions in the Pacific. Nothing like this has ever been produced by man on this sort of magnitude, and *man still can not produce* anything on this order of magnitude.

There’s nothing wrong with nuclear power; we need it. But what’s happening is, you’re getting a worse than fascist movement, including that around our President, who is worse than a fascist, and there’s no exaggeration in that whatsoever. But the British in particular: They’re lying like the Devil, because they are

determined to proceed with this acceleration of bailout, the third bailout, and they're pushing for this bailout. The intention is to reduce the population of the United States, greatly. Reduce the population of Europe, greatly. Aim to reduce the population of Asia, greatly. They are for a program of *genocide*. And if nuclear power programs still exist, it will be impossible to carry out this genocide. And the target here, the target of the lies, the motive for the lies, is the intention of genocide, coming from the British monarchy: That's what the problem is.

The other side of the problem, is, we face, objectively, a crisis of the Solar System and beyond, which is, I think, beyond our experience so far, any human knowledge, human experience and so forth. We can probably solve these problems, but we're going to have to muster ourselves to solve them.

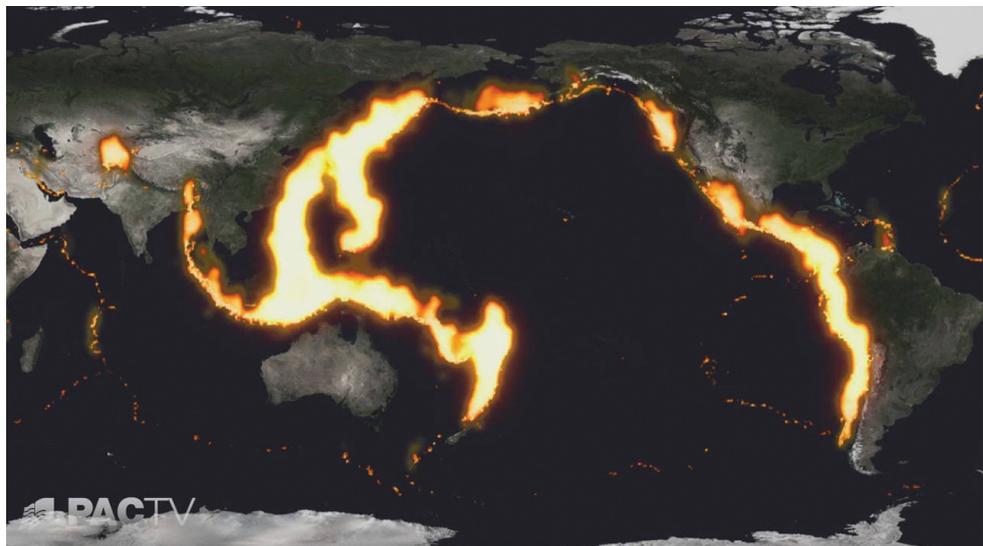
But these lies, which are coming out of the press, and out of governments, are a threat to humanity now. And what we're talking about, today, and will be talking about in the coming weeks, will be, probably, the most important subject matter to be presented to the human species during this time.

And Sky has been on top of the team in this. On Monday morning, looking at the facts, I said, by Tuesday evening, we had the objective of taking some of the knowledge we had, and presenting enough of it, to introduce the concept of what this crisis is about. And the team *did perform*, they *did* it, on time, yesterday afternoon: They reached exactly the objective I set on Monday morning. And that's one of our best achievements so far.

But Sky can give you a picture of exactly what the team has been doing, and I think he should do that right now.

The 'Rim of Fire'

Sky Shields: I'll give everybody a rundown. First I'd like to direct the attention of all the viewing audi-



There is no nuclear power crisis in Japan. There is, in fact, a "Rim of Fire," as shown in this image, in which solar activity is producing super-earthquakes and other physical phenomena, orders of magnitude more powerful than anything that any nuclear plant could ever do.

LPAC-TV

ence, to the video that was up as of yesterday, put together. I think the title is "Ring of Fire"—

LaRouche: "Rim of Fire."

Shields: "Rim of Fire"—but you'll find it featured prominently right now, on the website [<http://www.larouchepac.com/node/17749>], with an introduction [to LaRouche:] You provided a very sharp introduction, to situate where we stand, right now, strategically, but in a very long arc of history. And, to give people insight into a problem that I think most people aren't aware of, its actual character, although they're seriously affected by it: that right now, what we're facing is a real risk for the human species, if we behave the way the news reports are encouraging us to behave in response to this Japanese earthquake. What we're facing is a risk of something equivalent to the extinction of the human species, or, at the very least, extinction of human society as it exists at present.

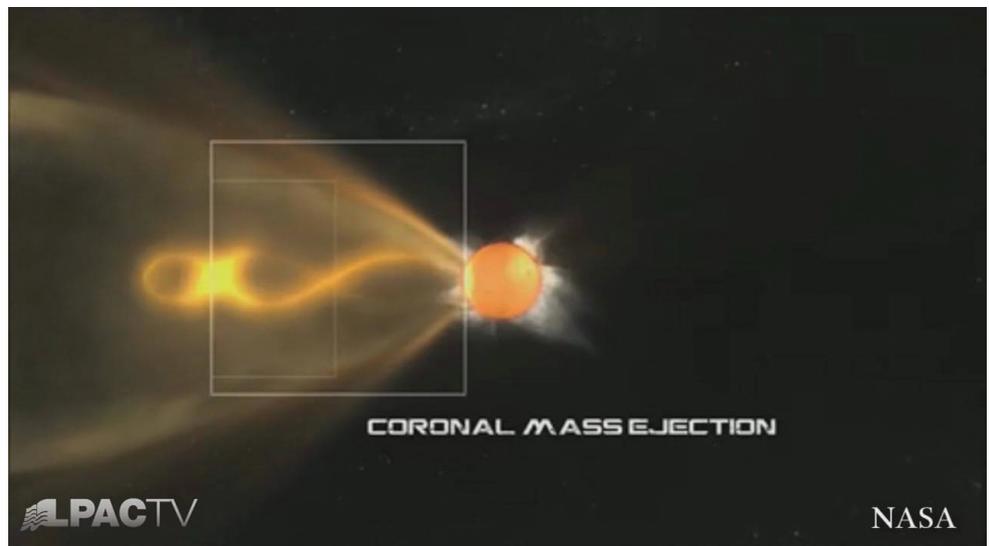
That is, the response being pushed by all the press right now, to the actual crisis in Japan—the earthquake that was experienced, the tsunami—the response is to try and pull back the level of technological development that we've achieved as a species thus far. There's been an attack on nuclear power, an attack in general on technological progress, coming from environmentalist and other press sources. If we do that, we are risking putting ourselves in the exact same position as every other species on this planet has been, up until the

present, over the last few billion years of Earth's history: which is that, coincident with major cosmic changes, major changes on a galactic level, on a Solar System level, with animal species, you see major extinction events. The entire history of the Earth is punctuated by these massive changes, the wiping out of the vast majority of species on the planet, and the introduction of completely new species.

These events are always correlated with major tectonic activity, major earthquakes, major volcanism; these are correlated with interesting changes that we don't know how they're causally connected, though we know that they're statistically connected with things like ocean levels. But also, correlated, most significantly, with major changes in the cosmic radiation environment of the Earth, our Solar System, and the galaxy as a whole. This we can find in the records of the different types of meteorites that we find on the Earth, from different periods in time. Which gives you an idea, that there's a much larger process here that's driving the events that we see on the ground.

With the appearance of man, though, we have, for the first time ever, the opportunity to experience these types of major changes, that you've seen in Earth's history, but without the extinction of our species. We contain, within the human species, a cognitive process, as opposed to just a living process—we contain these successive leaps within us. We can voluntarily *choose* to change, in an anti-entropic, constantly developing direction. And to the extent that we *resist* that, we put ourselves in the exact same position as any other animal species has been in, in the past, and we bring on crises of the sort that other species once experienced.

That's a real crisis, right now, that you're starting to see, that the Japan situation is just indicative of. It's a crisis in the fact that over the last several decades, by executing policies of type that are exemplified by



Coronal mass ejections, like that pictured here, and solar flares are correlated to major seismic events on Earth; deeper understanding of these phenomena is required for further space exploration.

Obama, exemplified by the British Empire, and the various interests that are beholden to them, in the course of executing these policies, we've seen an effective backwards motion in the state of existence of our species. We've seen the attempt, on their part, explicitly, to try and hold us still, in terms of technological development, in terms of overall economic progress, and the result is, that we are right now in a crisis, which for us, is sort of the cultural equivalent of what the dinosaurs faced, at the boundary between the Cretaceous and the Tertiary period.

Hoefle: So, the policies of Greenies are going to kill us all.

Shields: Exactly. This is the *biggest* threat that we face right now. This is the biggest threat. So the attack on nuclear power, in the face of it, is the exact worst thing you could possibly do.

I can make a point. It shows up for us, as sort of what [to LaRouche:] you've described before as an "Appointment in Samara": People should think back—a number of criminal steps that were taken by this current Obama Administration, since it was brought in. But a significant one to draw your attention to, is what was done with the attack on the manned space program. Now, this was sold to people—people accepted a load of crap on this, that this is a "major expense," that this is something we have to cut back on: "NASA will focus on other things."

what we have done. As you said, the power we've produced, the energy-flux density we've produced, is dwarfed by what's coming from these other things.

LaRouche: We have another question here, which I think at this point has to be emphasized, the other side of this: The question of the nature of mankind. And most people are not very much concerned about the nature of mankind, and haven't been. These imperial systems are *not* concerned about mankind. They want to keep mankind stupid, because mankind can not be controlled unless he's stupid. They don't want a high-technology program, because mankind will then not accept this kind of imperialism, such as British imperialism.

Look, face the fact: Prince Philip of Britain, the British monarchy's policy *is genocide!* The policy of the British monarchy, *officially, has been, and remains, to reduce the world's human population, from the order of magnitude of 7 billion people, to less than 2!* That's the policy. Look at the press: you look at the *New York Times*, you look at the *Washington Post*, look at the other press that has this line, the pro-genocide line.

Now, the other side is, what about this? Is this simply genocide, or is there something else involved? There's something more involved than simply the arbitrary genocide which we're getting now. The Green movement is a *movement* of genocide! The international Green movement is a genocide movement; these people are guilty of genocide! And that's not over the top; that's a fact. And the British monarchy has said it *repeatedly*, but dumb jerks don't even believe what the British monarchy says about its own evil intentions. They don't take it into account.

The other side is this: The whole conception of physics involved here is really screwed up, in terms of education and so forth. The doctrine is, and has been since the beginning of the 19th Century—the doctrine is that mankind is living under a system of universal entropy. That mankind is always declining, it's using things up. And it can not progress beyond that point. They're saying that any attempt to expand scientific development of the planet, in a sense, is wrong, because if you increase the energy-flux density, you're going to accelerate the rate of decay!

Now, exactly the opposite is true. The distinction of man, as distinct from all animals, is that mankind, in

particular, is consciously creative. Now, all forms of life and non-life in the universe, that we know of, are creative. Even the inanimate material is creative, as we see in the evolution of the stellar system: It's creative. It goes to higher degrees, higher orders of magnitude; that's what we know about its history.

For example, the development of species on planet Earth: We have wiped out, or actually our system has wiped out whole populations of species. But the kinds of species that have come to replace the species that were wiped out, were superior to those that were wiped out. That's been the history, the progress of living processes, the process even of nonliving processes. A supernova is also an event, it's not just a destructive event. It's a recreation of a condition of the universe, on a newer and higher level.

But mankind is unique, because, while life itself is creative, and while even non-life is creative in the universe, only mankind is *willfully* creative. And because of this, every other species but mankind, of which we know, every other species is ultimately doomed to be extinct. That's been the history. Look at the history of what we know, for the past several billion years of life on this planet. Every lower form of life goes extinct. And it's the lower ones that go extinct and make room for the higher ones. Now, mankind is unique, in the sense that only human beings have the potential of *willful creativity*. No other species that we know of, has manifested the ability of *willful genuine creativity*.

Man's ability to exist, under these increasingly, shall we say, tense or challenging circumstances, depends upon the development of the creative powers of the human mind to raise the cultural level of mankind to a higher level, to be able to overcome these kinds of things that wiped out entire species, or 90% of the species on this planet that were wiped out, at a certain point, as a result of this.

So man's ability to survive as a species, a human species, depends upon human creativity. It depends upon realizing, that the nature of the universe, the nature of competent economy, is that *economies are always increasing their energy-flux density*. This increase in energy-flux density is made possible—as Vernadsky, for example, defined this—by the creative potential of the human mind. And there's no other known species that has willful, genuine creativity. No other species has the will power to actually cause an increase in the

energy-flux density of existence. And we depend upon that.

So, when we stop nuclear power, we're condemning man to Hell! When we postponed the development of thermonuclear fusion, as a power source, we're condemning mankind to Hell! When we do not continue the investigation of the matter-antimatter reactor, which is a higher stage than thermonuclear fusion, we're condemning mankind to Hell! Therefore, it is the creative powers of mankind.

The opposition, as the British Empire typifies this, as Prince Philip typifies this, with this World Wildlife Fund program, is to say: "No, we can not rule this planet as an empire if man is too smart. We do not want man to become intelligent, because man will then *shut us off*, as a ruling class." And therefore, what man requires, is progress in precisely these terms. And the term is associated with Classical art. One of the reasons we've become so stupid, is because of what happened in 1950, when the Congress for Cultural Freedom, shut down the idea of Classical music and Classical artistic composition.

The creative powers of mankind do not come from mathematics. The creative powers of mankind come from the artistic Classical form of artistic imagination. And it is the pioneering in creativity, by Classical musical composition, other forms of Classical artistic composition, which inspire the mind, to be able to develop the kind of creativity we associate with creative science.

For example, Albert Einstein's a perfect example of this: Einstein was essentially an artist! He was essentially an artist! He was essentially a musician, a poet! And it was the development of his creativity, as a poetic-artistic creativity, which *drove* his scientific creativity! And that's been the nature of it. The greatest poets, the greatest musicians, the greatest composers, the greatest painters, the most imaginative, have been the inspiration for scientific progress in the history of mankind. Classical poetry, Classical music, have been the driver.

And so, what we're dealing with is, you have a ruling class on this planet, typified by the British Empire—and the British Empire exists! It's not an empire of just territory, it's an empire of a *monetarist system*. It's like this crazy bailout system. The bailout system is what's killing us! This bailout money is *worthless*! We should simply cancel it! And Glass-Steagall would cancel it, immediately. We could save

the nation.

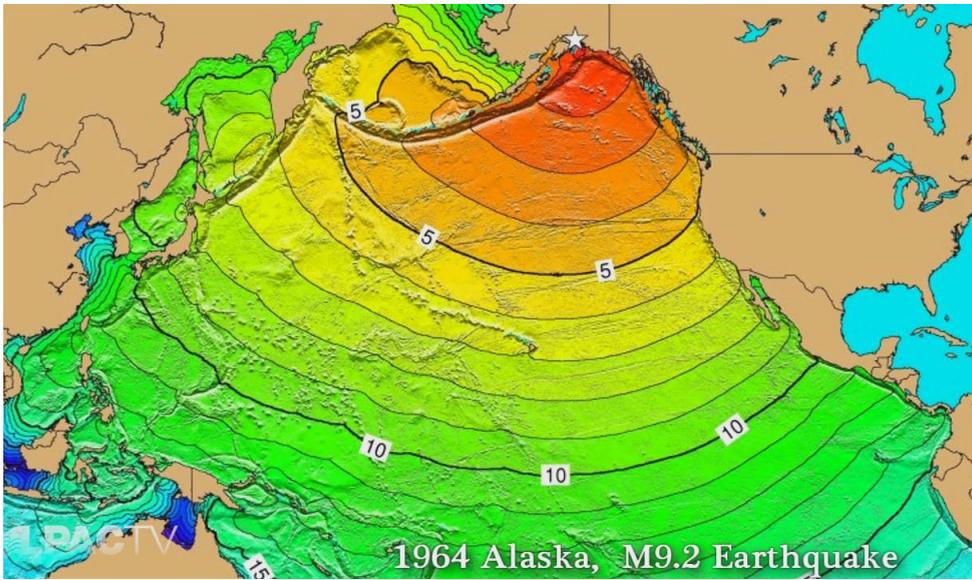
But what you have, is, you have an ideology, a ruling class, typified by the British Empire, the British royal family, which goes back, again, to the old Roman Empire, which the British Empire is an expression of. And so, *this group wants to maintain its power over mankind, as has always been the case!* Mankind's tendency is for mankind to develop the natural creative powers which are specific to mankind, and to foster these creative powers, which great art inspires, in the individual—this leads to scientific discoveries. The scientific imagination comes from the artistic imagination, the creative artistic imagination.

And what we're getting now, is the assault on physical science, which is what you're getting in the press right now. "Kill nuclear power, kill science." Science is a threat to their system. It is! Well, the question is: Are we going to mobilize to crush them, or are they going to crush humanity? And so, therefore, what we're talking about in the Basement, essentially is, in our work, we're all musicians and poets, essentially. That's what our inspiration is. And our work in physical sciences, mathematical work, is simply an expression of Classical poetry and Classical music: You'll find that every one among us, who is scientifically competent, is involved in Classical artistic composition, Classical music! And those who don't have that potential are not creative! They tend to be mathematicians. Mathematicians are the lowest form of science. You know, it's somewhere down there, near the Cretaceous level or something like that.

The Greenies Must Be Crushed!

Shields: That's worth drawing out, because our species *depends* on the production of ideas and concepts, "things" that do not exist yet. That's absolutely essential. Anything, any process that you can reduce to deduction, that you can say, "I can derive the later state from a prior state, or from an existing state," will be entropic. That will collapse. That will always give you something that looks like an animal state: You have a fixed resource base, you have a fixed set of materials. Starting with what you have, you deduce each successive step.

Creativity, human creativity, depends on us being able to willfully create the future, in a way that doesn't exist in the present. And because of that, it's outside of mathematics entirely.



What is happening now in the Pacific region can strike the West Coast of the Americas at any time. Will California slide into the Pacific Ocean, as has been predicted? Here, the 1964 Alaska mega-earthquake, at 9.2 on the Richter scale.

LaRouche: What we're going to have to emphasize to people is what we're working on, and we've emphasized it, of course, in dealing with this crisis: The order of magnitude of power, expressed by this crisis in the Pacific region, exceeds far beyond the imagination of *anything* that we know to exist, in terms of power produced on this planet! The power involved, expressed in this tsunami, and similar things, exceeds any capability of man's knowledge of thermonuclear fusion power!

Shields: If people want a figure on it: The amount of energy produced in a magnitude 9 earthquake is several tens of thousand times the amount of energy that was released in either Hiroshima or Nagasaki.

LaRouche: Yes. And that's what we're dealing with right now.

Shields: Right. The amount of power that's produced in the solar flare that's connected to it, a single solar flare, is *millions of times* what was released at Hiroshima and Nagasaki. This is beyond people's ability to imagine.

LaRouche: And you see the problem: Why the fakery, the lies on saying nuclear power plants are the danger. Why? Take the order of magnitude of a nuclear fission power plant; compare that to any aspect

of this crisis: What's the order of magnitude difference?

Shields: Right, right.

LaRouche: So, what's the cause of the crisis, in the Pacific? What's the order of magnitude of the power expressed in what's happening in the Pacific region? And it's going to hit California, and other places, the way it's going now! You can finally have the great slide off into the Pacific can occur in part of California, at any time, with precisely this kind of thing. And the power expressed, is orders of magnitude, completely beyond *anything* expressed

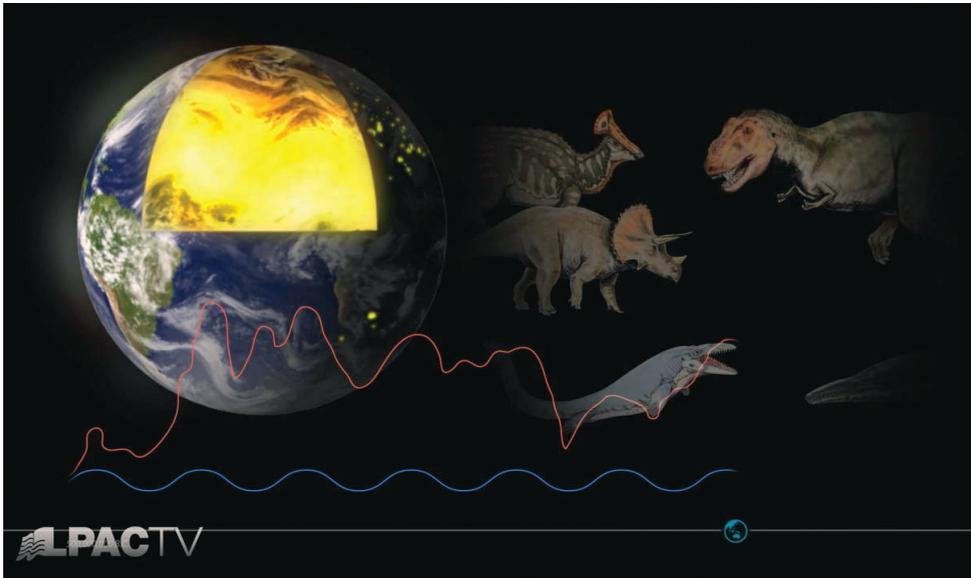
by even a thermonuclear explosion by mankind. It does not even begin to approach, or any combination of thermonuclear explosions, does not begin to approach, the power that's manifest in this crisis we're experiencing in the Pacific right now.

Shields: And if we're not prepared to harness that, we're going to be blind-sided.

LaRouche: Well then, what do you say about the *Washington Post*? What do you say about the *New York Times*? What do you say about the *Financial Times*? These guys are worse than Hitler! Because the effects they're going to produce, will probably *destroy mankind* if we don't stop it! If we don't learn how to control these forces, we can not defend mankind, and the human species'll be extinct, like the whole extinction that occurred some—

Shields: That's right.

LaRouche: And this is an issue: There is *no room* for compromise with the Greenies. The Greenies have to be crushed! Not crushed physically, but crushed in terms of their influence and authority. Otherwise: No human race! And that's what the word is, that's going out from the Pacific Ocean region right now. Shut down the Greenies! Convert them into human beings from being Greenies!



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The issue is whether we are going to defend the human species, or whether we will go extinct, as have so many other species on this planet. This means eliminating the “Stupidity International,” a.k.a. Prince Philip and his Greenies.

But that’s the great danger: If we care about mankind, we’re not going to tolerate what the President of the United States currently is pushing. He’s the enemy of mankind, whether he knows it or not. Maybe he’s just stupid, maybe he’s mentally ill. But what he’s doing in practice as policy, is a threat to all humanity!

Hoefle: When you read these newspaper articles, they pretend that they’re giving you facts, but what they’re really doing is trying to scare the hell out of you. And the emotion that you get, when you read them, is what they’re really trying to convey—that this is to *terrorize* people! They want you to shut your brain down, and start running for the hills!

LaRouche: Ah! That’s it. That’s the key: Stupidity. The greatest enemy of mankind, is stupidity. What’s the effect of this propoganda coming out of this press and out of the mouth of the President of the United States, and so forth right now? It’s to make people stupid! If you make people stupid, you can destroy them. And therefore, it’s precisely that. This is called the “Stupidity International”—it’s a real empire.

This is reality. Are we going to defend humanity, or is the human species going to go extinct on this planet? That’s your choice? You want the Greenie

movement? You don’t want humanity.

Hoefle: And if people look at this, when they start getting that feeling, if they stop, and say, “Wait a minute, I’m being played, here.” You know, if you actually think about what’s being said, and look at the way they’re doing it, it gives you a real insight into how they run their propa-ganda operations, and it makes you much more capable of defending yourself against this kind of crap.

So, when you get that feeling in the pit of your stomach, that it’s time to run for the hills, it’s time to

stop, and turn your brain back on.

LaRouche: I got that, the first time I really sensed that, was when Franklin Roosevelt died, and we were left with Truman. And I had a sense that humanity was in danger. And I was right!

Shields: I think it’s significant to point out—what you’re saying is true. It’s a willful fraud. I mean, down to the very fundamental concepts. You get the whole Greenie line about equilibrium, the idea of a balance nature. What you just brought out: Never in the history of the Biosphere, has there *ever* been an equilibrium state! Ever! You see nothing in the whole development—and this is just the Biosphere, and we can branch out much larger, to the scale of the Solar System, to the galaxy—never has there been a period where you could say that the processes were in a perfect balance. That there was anything that was simply cyclical. You’ve always got anti-entropic development, *unless* you narrow your view down to a very tiny slice of a single species, which is destined to go extinct. They reach sort of a local equilibrium, and that local equilibrium is a process of them dying.

There’s no such thing—and you brought this up as a principle in economics—there’s no such thing as standing still anywhere, in the history of the Biosphere.

There's no such thing as standing still, anywhere in the universe. If you decide to stand still, if you decide to stop and reach an equilibrium state, that's the moment you begin to die. That's the moment that you begin to collapse, by definition.

So, if you think about what the Greenies are arguing right now, you think about the environmentalist argument, that somehow, you're going to stop the motion toward new energy resources, you're going to stop the consumption and the discovery of new resources, and we're going to try and move back to some kind of stable primitive state, of so-called "sustainable development," they're putting us on the exact same track as every other animal species has been on in the history of the planet. And you will, if we follow that as a policy, even slightly, if we make any compromises with that, then you're setting us up for the exact same kind of extinction phenomena as other species have experienced.

Hoefle: Including the Empire. The Empire goes down, too.

Shields: As well, yes. This will be all the Greenies, the Empire as well: They're going to destroy the human species. This is not something that they're intelligent about. They're going to suffer this as much.

Our question is, whether or not we're going to go down with them.

The Significance of Glass-Steagall

Hoefle: You know, that's crucial, because everything that's being done, from the financial world—now we have this crisis. That by following this imperial line, humanity is destroying itself. Willfully: We're willfully participating in our destruction, when we do these things, when we go along with this bailout policy. When we refuse to go with Glass-Steagall. When we don't stop, and fight back, and return to the mission that mankind has in the universe—that we're participating in our own destruction. And we will *get* that destruction! We'll get what we're asking for. So we should change what we're asking for.

Shields: Sure. And it makes it real clear. From this standpoint, we're in a position to really discuss, "Well, what is the significance of Glass-Steagall, as a policy? What are you saying, when you're saying 'credit system'?" And most people have the idea, it's a fancy kind of monetary system. It's a new way to ar-

range the money, where things will work better. But it's not!

With Glass-Steagall, what we're saying, is, you start from the standpoint of the anti-entropic creative development of the human species: that if we don't progress, we will collapse; if there's not constant forward motion, in all respects, meaning a steady increase in the densities of energy that we're able to bring to bear. So, the motion from nuclear fission, away from fossil fuels, towards nuclear fission power; away from nuclear fission power toward nuclear fusion power; and then towards higher energy-density, in the form of matter/anti-matter, other types of creation. But also in terms of the scale of the processes we're able to act on.

Vernadsky made the point that, around the time he's writing, around the turn of the last century, heading into the World War II period, was when he realized for the first time, that we had the potential as a human species, to behave consciously as a Noösphere, to consciously act on a planetary scale. But without moving to that, that that's a necessary motion, in order to sustain the levels of development that are necessary. Right now, we're seeing that we need to expand human activity, beyond the planetary scale, toward the Solar System and beyond. That, without that steady progress, we'll face a collapse. The credit system is: How do you organize yourself, in order to accomplish that kind of progress?

Hoefle: Yes. You have a goal of moving toward higher and higher levels of organization. That should be our responsibility, not just the idea of making a leap here and leap there, but of organizing ourselves, so that we're making a continuous series of breakthroughs and the implementation of the technologies associated with those breakthroughs, to raise man's power over the universe. And that that is our goal. And the credit system is designed to do just that, because with a credit system, you fund those things which cause that to happen. You make sure that you have the educational system, that the people have the standard of living, that allows those things to happen, and you shift everything in that direction.

And you compare that to this monetary system, which is basically a parasitical system, which is sucking the lifeblood out of every transaction, that it's just living, sucking the blood out of the fleas to the dog. It has to die! That kind of a system has to die; it's a can-

nibalistic system and it can not survive. And the longer we ride that system, the further down we go, until we lose it all. And it's time to jump off.

And you know, the bankers howl about these things, the British nuclear scientists howl about these things, but so what? If they're not howling, we're not doing our job!

Shields: And it's an exciting prospect, because this is everything that's entailed in this, and everything you've brought up from the standpoint of physical economic science—this has *major* ramifications for every field of study.

If you take a look at the conception of time that's entailed in a monetary system versus a credit system, the monetary system involves the simple deductive, linear time, of abiotic physics. But if you look at human activity, human activity does not *ever* operate linearly, in time. The creative human individual by definition, the definition of creativity is being able to act consciously on a future which has not yet been created, that can in no way be deduced from any existing present state. That gives you a time that you can't map onto a timeline. There's no simple geometric model for that kind of time.

The way it ends up expressing itself for the human individual, is in the concept we refer to as the simultaneity of eternity: that the action of each individual human being, is as though you're acting on the entirety of time, consciously, as a whole. And it gives you the effect of a dialogue, back and forth between generations; you experience it as a dialogue between generations. The idea of a credit system, has to include that concept of time in it: that the future—significantly the future, but also, past states—are characteristics which can be acted on from the present. At every moment, they're being acted on from the present.

And it gives you, physically, what you're describing, this idea—the effect of it is, when you look at the physical economy, is this continuous sequence of discontinuities. You get the steady reconsideration, moving from energy source, moving from level to level: It's completely different—these are concepts that you'd have to, ultimately, bring back down into physics, to come up with an actual model in the way time, and these other processes function.

Why Are We Vulnerable?

LaRouche: The point is, that the very concept of economics, the way it's taught, especially from a mon-

etarist standpoint, is the principle of entropy. Now you have a population, which is really a population of slaves. Most people don't know it, but they're slaves. They're slaves of one kind or another. And the most efficient slavery is one where the slave wears his own shackles, and put them on at night, or puts them on in the daytime after getting up from sleep.

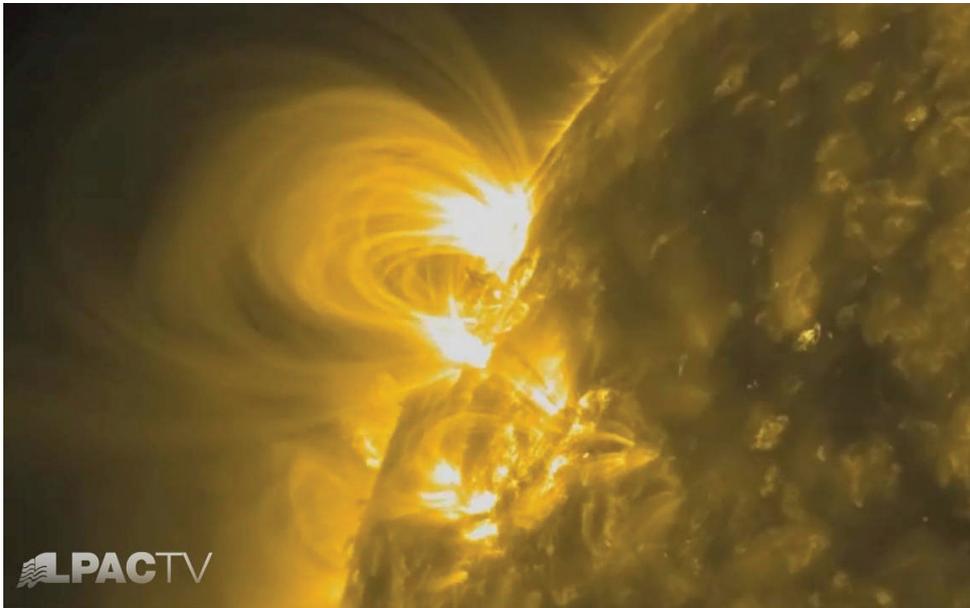
And what we call "economics" is actually an entropic conception of mankind. And what you have against that, is scientific progress, discovery, and technological progress in general. And it generally goes in the direction, interestingly enough, of increased energy-flux density, always!

And the fundamental principle of economy is *not* financial economy. It's not monetary systems. And that's the problem. It's the belief in financial economy and monetary systems which *morally destroy us*, because we believe that value is located in an entropic system, an inherently entropic system. Whereas value is located in increasing the equivalent of temperature. In other words, the energy-flux density of man's action in the universe! That's the *only* way you can increase the productive powers of labor, for mankind. And the very fact that we believe in *financial* systems, and monetarist systems, is the Satanic force of destruction of our people! Whether they know it or not!

It's when you say, that *physical* creativity—for example, I defined, recently to clarify this, this concept of the platform: People think of economy in terms of somebody produces something, by hand or something else, an object, an object by an individual. That's not an economy. That's nonsense! What actual economy is, is increasing the energy-flux density that man commands.

Now, look at this Sun, look even at these solar flares that are hitting the planet. Well, what's the difference between them, and what we do on this planet? Why are we vulnerable to this thing? Because we have lower energy-flux density, than these flares do! These flares outgun us! And when mankind is able to control forces on the level of the Solar System, and when we go beyond that to take over the galaxy, and control forces on the scale of the galaxy, then we're in charge! The object of man's existence, is to get mankind in charge! And mankind's justification for man's existence, is that function!

We are the managers of the universe, that's what our function is. And we become that by developing the techniques, where we represent what, in effect, is called



Why are we vulnerable to cosmic phenomena like solar flares (shown here)? Because, LaRouche explains, “We have lower energy-flux density, than these flares do! These flares outgun us!”

LPAC-TV

Substance versus Shadow

Shields: And it gets to a point of—well, you brought it up before, and I think it’s a significant principle in your economics—it gets to the idea of substance versus shadow. What has existence, what doesn’t. The worship of entropy is really a worship of a false idol, something that doesn’t exist at all. Most people, when you say the word “anti-entropy,” they think of anti-entropy as being the opposite of entropy; that these two things are sort of positive/negative. But it’s not true any more, and you’ve made the point really clearly: Anti-entropy is no

an increase of energy-flux density; that’s what the key is. And until economics is civilized, finally—I’ve been working at this for some time—but until economists become civilized—and realize that *value* is located in mankind’s per-capita capability, *empowered to control higher degrees of energy-flux density*. And that’s what economic progress *is*: It’s man’s progress in increasing man’s energy-flux density, the power of energy-flux density.

And we have to get rid of this idea of economics in terms of particular parts. We have to think about the process, the platform, and the level of anti-entropy that that platform represents. And that’s exactly what we’re killing. If we kill nuclear power, you don’t develop thermonuclear fusion, you don’t worry about matter/anti-matter reactions, you will never be able to control this Solar System—until you get beyond matter/anti-matter reactions, as a controllable force by man.

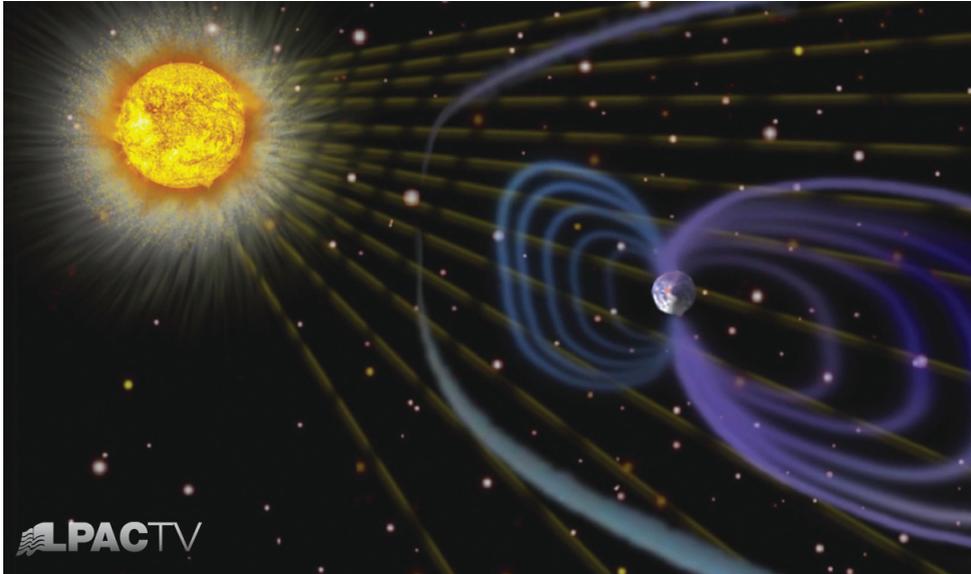
And we just have to give up this whole idea of economics as it’s taught: money, money! Money is only a symbol of what we use, and symbol-minded people are like that. But when we use money, the idea of money as a symbol, we mean, increasing the energy-flux density, per capita and per square kilometer, and that’s the real principle of economy!

more the opposite of entropy, than a chair is the opposite of its shadow. One exists, the other one is a phenomenon, that you see, that comes up, when you behave in a certain fashion.

LaRouche: Well, what happened, monetarism is an expression of this—it’s an expression of a mental disease. Because you locate your identity in a physical act that you perform, at whatever level of energy-flux density is expressed. Whereas, in actuality, man’s existence depends upon increasing the energy-flux density controlled by man, to these higher qualities. Once you say that value lies in money, merely a monetary unit, which is a dead unit, you no longer have the concept of the increase of the energy-flux density that’s at man’s disposal.

For example, take the case of Charlemagne. Charlemagne in his time, was the first that we know of, to break the barrier on inland development. Up to that time, mankind was able to move from maritime culture, up large rivers. And that was upstream largely. Like the Rhine, for a long time, had that significance.

But then, when Charlemagne came in, and brought in canals, what he did, by bringing in canals, is, he increased the ability of mankind to move things from one territory to another, with little effort, and actually increased man’s power. Now, this was broken after Char-



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In addition to the elevated solar activity we are witnessing, including the unusual change in the solar cycle, from 11 to 13 years, the Earth's magnetic poles are shifting.

lemagne died, but, when we developed the United States, we followed Charlemagne! First we developed river systems; we developed canal systems with river systems. Then, after the Reading Railroad venture, we went into railroads. With the first railroads, we moved up the pathway of river systems and canal systems. Then we moved to a higher level, to transcontinental rail systems, and so forth.

We now have the ability, as the Chinese are working on this, of 1,000-mile-an-hour transport, in a tube, with people comfortably situated in a tube at a 1,000 miles-an-hour. No airplane can do that, ordinary airplane.

So therefore, we are headed always to an increase of platforms, to a higher level. More power, more electronic power, more chemical power, per man, per capita, per square kilometer. And this is the way that mankind survives. This is the nature of *true value*; economic value is measured in *these terms*. And a credit system is: Are you going to *increase* the energy-flux density of your action, of mankind's action, as the Massachusetts Bay Colony did already in its reforms? And that's what value is. And therefore, the credit system, is credit based on the increase of the potential energy-flux density expressed by man. And that's what the true value is.

And that's where people are *brainwashed* into be-

lieving that, "If I have enough money, I can control things!" And what you see now, we have plenty of *money*, we have bailout money, which is absolutely worthless! And they're about to print more, which will cause hyperinflation and the destruction of civilization. And anyone who supports these idiots, has to be an idiot themselves.

The President is an idiot. He's a clinical idiot, he's clinically insane. And section 4 of the 25th Amendment says he should be out of office. He should be carted off to some place of safety, where he can't be

harmed and so forth.

Hoefle: Well, the more money they print, the more bankrupt they are.

LaRouche: Exactly! Is that an irony? That having money is an indication of a *loss of wealth*? Doesn't that teach you that maybe the economists are kind of stupid? And I've been convinced of that for a *lo-o-o-on-nng* time! Since I began forecasting, I always knew that.

Hoefle: That's a pretty radical conclusion.

LaRouche: No, it's a necessary one! Indispensable, if you want to make it! You know, people don't get this Glass-Steagall thing. Sometimes people begin to grasp it, you know, "Oohhhh!!" they will say, "I see what you're saying! Ohhh! I couldn't see that before!" And that's what they're saying, they're saying to us, now, Glass-Steagall: "You mean, by destroying this worthless money, we can save our economy?" They don't see, the great thing is that we're going to destroy billions of dollars of money. Billions upon billions, \$25-\$35-\$50 billions of dollars of money equivalent is *going to be eliminated!* And that is going to give us a prosperous economy.

Hoefle: Along with the quadrillions in derivatives and other things like that. It's all gone!

LaRouche: That's right, exactly. So therefore, the fact is, you suddenly realize, you've come to the point, that by destroying what some people consider money, you actually improve the economy. Because less money, when it's applied to actual production, to productive values, and the improvement of the power of mankind, is actually a benefit. And the more of the other kind of money you kill off, and more rapidly, the better off you are.

Hoefle: Well, this goes back to your analogy of the Malaysian monkey trap.

LaRouche: Yeah, exactly.

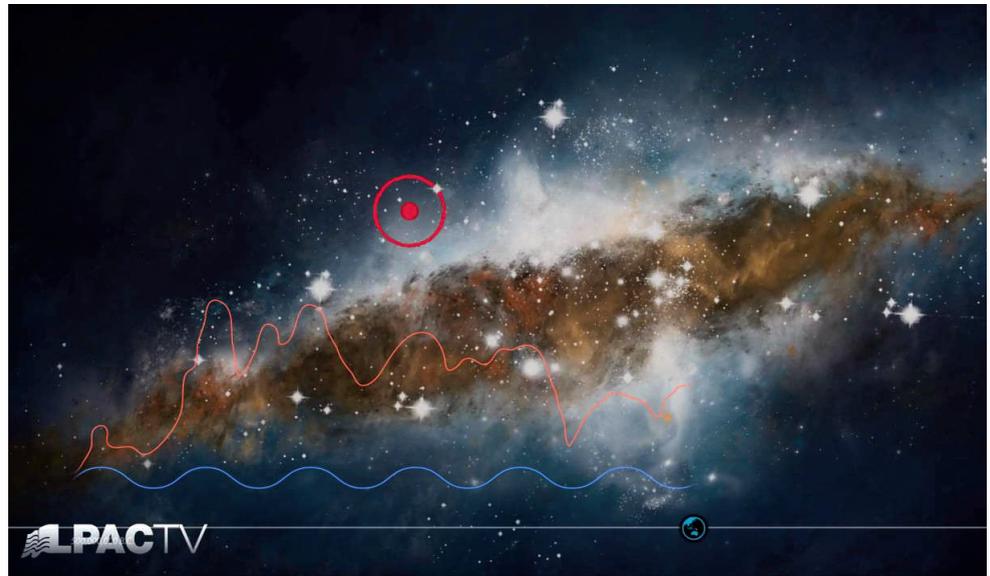
Hoefle: It's only by trying to hold onto that value, as if it's real, that's what kills you!

LaRouche: That's how the farmer eats monkey that night.

Don't Read the English-Language Press!

Shields: It seems, like in that sense, what's occurring right now, around the whole Rim of Fire, we're seeing in Japan, what we saw in New Zealand, what we're seeing moving, as you said, toward Alaska, toward the western coast of the United States, down through South America, this could be a very—in a good way, or a bad way—a clear lesson in energy-flux density. In exactly what is it, that we need to harness, and in that way, a lesson in economic value.

LaRouche: Well, get the report from Japan, which is quite relevant. People who speak Japanese in Japan, are optimistic. Because they recognize that this catastrophe has happened, and they've had catastrophes in the past. Japan is not immune to catastrophes, being in a volcanic region, but the English-speaking people who don't speak Japanese, are terrified and pessimistic, in Japan! But those who speak Japanese—because the English-speakers read the English-language press,



LPAC plans to keep painting a clearer and clearer picture of exactly what the processes are, between the solar activity and the biological and physical phenomena on Earth, Shields said. Shown: the Solar System, as it traverses its 62-million-year cycle through the Milky Way Galaxy.

and therefore, they're totally depressed, and insane.

Shields: Yes, right.

LaRouche: So, we have to take away the English-language press away from them. And so then they will be happy like the Japanese.

Hoefle: Yeah, we're all going to die, is not exactly optimistic.

LaRouche: We have a yen for a post-dollar regime.

Hoefle: All right, anything else?

LaRouche: No. I tried to excite some people to use their imagination.

Shields: We've got more to come, people should know, going through some correlations, specifically between the solar and biological relationships on Earth, the solar activity and disease rates, etc., to keep painting a clearer and clearer picture for people of exactly what is this process we're talking about harnessing. But they should be in anticipation of that over the next few weeks.

Hoefle: All right, that wraps it up for this week. Keep tuned to the website. We'll have a whole lot more. And this is the most interesting ideological fight in town, so, stay tuned.

A World Gone Mad: Are We Smarter Than the Dinosaurs?

by Helga Zepp-LaRouche

This article was translated from German.

March 18—The dramatic impact of the earthquake in the Pacific Ocean, with a magnitude of 9.0 on the Richter scale, and the subsequent tsunami, which together killed tens of thousands of people, and the resulting accident at the Fukushima nuclear plant, confront mankind with a truly existential challenge. But it is of a completely different nature than what the media, with its 24-hour disaster reporting, is trying to make us believe. The reactions to these events by the representatives of all parties in the German Bundestag (parliament), including Chancellor Angela Merkel's dramatic U-turn,¹ can actually only be described, as the *Frankfurter Allgemeine Zeitung* did on March 17, as the result of "energy policy brainwashing."

There are two fundamental crises before us: 1) the

final phase of the collapse of the financial system in the trans-Atlantic area, and the reaction to it, in more and more regions of the world, with a mass-strike process; and 2) a dynamic process of massively increased Solar activity, which is correlated with a series of earthquakes and volcanic eruptions, especially in the Pacific, the Pacific "Ring of Fire," which is expected to increase significantly in the next two years.

Instead of asking the potentially decisive question—why the worst earthquake in the history of Japan, with a magnitude of 9.0, occurred (Japanese nuclear power plants are only designed for a maximum of 8.2)—the media focused almost exclusively for days on the accidents in the nuclear power plants. In no way did they reflect the fact that this is no isolated Japanese incident, but rather the third recent quake in a powerful shift within the Ring of Fire of the Pacific, which began with the Feb. 27, 2010 earthquake in China (magnitude 8.8), the Feb. 22, 2011 quake in New Zealand (at magnitude 6.3, it destroyed the second largest city of Christchurch), and continued in Japan on March 11, with a magnitude of 9.0.

In this latest quake, Japan moved 4.5 meters closer to the United States; Japan's Northeast sank by 75 cm, worsened by the destructive force of the tsunami. Since then, the planet has been expanding and contracting every 6.5 minutes, so that it vibrates with a kind of hum, which is, however, a few octaves below the range that the human ear can hear. According to NASA, the Earth's axis has shifted by 17 cm; the Earth was given a twist

1. Merkel's U-turns: In 2000, German's Grand Coalition government, which included Merkel's Christian Democratic Union, voted to phase out all nuclear power plants by 2021. Then in 2010, when new elections gave Merkel's party enough votes to form a government without the anti-nuclear Social Democrats and Greens, Merkel, now Chancellor, decided to prolong the life of the plants for 17 years, until "renewable" technologies could fill the gap. About one-quarter of Germany's electricity now comes from nuclear plants; by comparison, the figures are 75% for France, 29% for Japan, 18% for Russia, 20% for the United States. After the March 11 earthquake in Japan, Merkel reversed her policy, temporarily closing the seven oldest plants, while safety checks are carried out. She said that the situation in Japan "had changed everything in Germany."—ed.



EIRNS/James Rea

Anti-nuclear hysterics in Berlin, Sept. 28, 2010. The signs read, “Sun, Wind and Water Instead of Nuclear!”

and is rotating 2 millionths of a second faster. Russian and American researchers warn that more catastrophic earthquakes are to be expected soon in North and South America.

Galactic Effects

The recent earthquake in Japan released as much energy as the explosion of 480,000 kilotons of TNT. By comparison, the explosion of the largest nuclear bomb ever tested released the equivalent of 50,000 kilotons of TNT, while the accident at Chernobyl released 0.2 kt, barely one-fifth of a kiloton. The recently increased Solar eruptions released energy in the range of 1 trillion kilotons. And these eruptions, which in turn can be traced to cyclical processes in our galaxy, set into motion electrodynamic processes that, in ways not yet fully understood, have an undeniable correlation with the increased seismic activity on Earth.

If we want to prevent the whole planet, one not-so-fine day soon, from looking like Northeast Japan does now, then we have to quickly come to a better understanding the processes of our Solar System and our galaxy. We also have to, among other things, get as

quickly as possible to a higher energy-flux density in the production process, and achieve thermonuclear fusion, the process that takes place in the Sun. Only then can we meet the energy needs of a growing global population, which will rise six-fold by the end of the century. And that is the only way we can intervene in these processes when necessary, to “have dominion over nature.”

Green Insanity in Germany

Against this background, what the German government and the Bundestag have just acted out would be a tragicomedy, if the very existence of Germany were not at stake. The entire spectrum of parties represented in parliament, with the exception of one single

party, avowed their support for the earliest possible and complete transition to “renewable” energy sources. If this situation continues—and that is up to the voters—it will mean the end of Germany as an industrial nation, of the living standards of the population, and of any hope that Germany will assume any positive role whatsoever in solving these existential problems of the planet. Heinrich Heine would certainly have characterized what was presented in the Bundestag as a gala performance by the inhabitants of Charenton.²

The ARD TV magazine *Contrasts* reports on the existence of a secret document from the Federal Environment Ministry, which served as the basis for the Federal Government’s decision to impose a moratorium on the extension of the lifespan of nuclear power plants. It lists extensive new safety precautions with which the German nuclear power plants now have to be retrofitted. The hurdles are so high that

2. The 19th-Century German poet Heine commented on the Madhouse of Charenton in his book *The Romantic School*, among other locations. One of Charenton’s more famous inmates was the Marquis de Sade.—ed.

they would mean a complete end to nuclear energy in Germany. The Merkel government will thus implement what the Red-Green opposition parties want.

The Commission of Inquiry of Nov. 23, 2010, “Growth, Prosperity, Quality of Life: Towards Sustainable Development and Social Progress in the Social Market Economy,” cast a shocking light on what all these parties want. The Commission had to compile a catalog of questions on how to redefine such things as prosperity, growth, and economic sustainability. Unbelievably, it proceeds completely from the 1972 theses of the Club of Rome, editing its selection of literature to include only writings of green, zero-growth-oriented authors, who all refer, not to the real, scientific laws of the universe as it really is, but to the fiction of an entropic universe. They claim, in principle, that our universe is a kind of aquarium, a closed system, in which a balance is achieved, and where we have to make do with fewer and fewer resources. And of course, the neo-conservative Prof. Meinhard Miegel is one of its “expert” staff members.

The Club of Rome was and remains a propaganda apparatus of the international financial oligarchy, whose goals Britain’s Prince Philip has espoused most openly: that the world population has to be reduced to no more than 2 billion people. This is supposed to make a small financial elite incredibly rich, with all the corresponding privileges, while the reduced mass of the population remains backward and poor. And is that not exactly where we are now? After over three and a half years of the financial crisis and countless rescue packages amounting to tens of trillions, there are more billionaires and millionaires than ever before, whereas the livelihoods of billions of people are collapsing.

Phasing out nuclear energy not only in Germany, but worldwide, would lead directly to the death of billions of people. If we only choose to phase it out in Germany, it would mean farewell to Germany as an industrial nation, mass poverty, and a landscape even more blighted by environmentally detrimental wind turbines and solar panels than it is now.

Look Ahead to Fusion Power

The problems that exist today with nuclear energy worldwide are solely the result of sabotage of research since the 1970s. This led, for example, to the

fact that the inherently safe high-temperature reactor (HTR) has so far only been built in China. The technical problems encountered in the boiling water reactors in Japan—looked at in the context of the Sun-related earthquakes—would have been overcome long ago, had the HTR reactors been built, and Germany would have expanded its leadership role in the HTR and other inherently safe reactor types. This is exactly how we, together with other nations, must proceed today, to undertake a crash program for the development of controlled thermonuclear fusion.

The use and mastery of nuclear fusion power provides the key not only to mankind’s long-term energy and raw materials security, but also to dealing with the processes taking place now because of the eruptions on the Sun, where nuclear fusion is constantly occurring, so that mankind can survive.

In the history of our planetary development, major earthquakes and volcanic eruptions have repeatedly led to the extinction of whole genera and species; the dinosaurs are just one well-known example. If we want to prevent the human race from being preserved only as a fossil, then we need to understand better how the incredibly large and ever-evolving anti-entropic universe, in which new galaxies are constantly being formed, influences our Solar System, and thereby processes on Earth.

If man, unlike all other organisms, did not possess the creative ability to understand nature and to have mastery over it, we would never have progressed beyond a population potential of perhaps 5 million hunters and gatherers. In the history of the universe, the history of creative mankind—maybe 10,000 years—is a ridiculously small fraction of time. Mankind is thus, in a sense, still wearing its first baby shoes, in terms of our intellectual and moral development.

The progression of this crisis, so far, has demonstrated that the Japanese population was much better intellectually and emotionally equipped for crisis management in the situation than most of the German population, which has been brainwashed by the media and the Greens. If we do not want to end up like the dinosaurs soon, then we in Germany need a two-tier banking system—a Glass-Steagall system—to overcome the casino industry, and a true renaissance of science and Classical culture. If we achieve that, we can be optimistic about the future.

British Pawn Saudi Arabia Moves To Incite Sectarian Bloodbath

by Ramtanu Maitra

March 22—The House of Saud was not created by Allah, the Merciful God. It was created, and nurtured throughout its existence, by the British colonials. As a result, the Saudi Kingdom not only acts as the conjugal partner of Britain in Arabia, and beyond, it has fully adopted the British method of controlling the Muslim world by creating deep fissures within it, exploiting the historical sectarian differences between the Shi'as and Sunnis, and then, filling those fissures with the blood of the Muslims.

What has helped the Saudi Kingdom in carrying out this policy of bloodshed, is the United States' embrace of this vicious "Middle East policy," which, in essence, is conducted jointly from London and Riyadh. A glaring example of this was witnessed, following 9/11, when a hapless American President, George W. Bush, was manipulated, into launching the Iraq and Afghanistan invasions by the so-called neocons, who, under the rubric of protecting the beleaguered Israel from "hostile" Muslims in the region, were actually serving London's and Riyadh's interest.

Both these invasions have been exploited to the hilt by the Saudi Kingdom to kill many Shi'as and others—largely Muslims—and by those acts, have provoked counter-killings by the Shi'as. The Saudis carried this out under the veiled pretext of imposing upon those lands their version of Sunni Islam, Wahhabism. Wahhabism, the state religion of Saudi Arabia, which does not exist in that form anywhere else among the Islamic countries, is rejected by most Sunni Muslims because of its orthodox tenet, which decrees that it must be imposed only through killing of those who oppose it. This is the trademark ideology of the British colonials, and the Saudi Kingdom has adopted it wholly, with open bloodstained arms.

London calls this policy, which it has embraced since the days of Sykes-Picot, the "Sunni Stability Belt," and it is playing it full tilt, as part of its "divide-

and-conquer" imperial strategy. One option, is to attempt to provoke war against Iran, with its largely Shi'a population, which would assure permanent religious warfare worse than the Thirty Years War of 1618-1648—and, the British hope, imperial control over the resulting wasteland.

Plan for Sectarian Killings in Arabia

However, a new awakening has occurred in most of Arabia, and in Northern Africa's Maghreb countries. Following the utter collapse of the global financial system, the population—educated youth in particular—in Arabia is now out on the streets demanding employment, food for all, eradication of poverty, release of political prisoners, and basic civil rights. This has thrown the colonial British-created kings and sheikhs of Arabia, including the House of Saud, into an existential crisis. In order to douse the demands of their citizens, some of them have already approached the Saudi Kingdom to formulate ways to maintain the status quo. Saudis are now providing them with soldiers, goons, and killers, projecting these uprisings as sectarian in nature, and targeting the Shi'as, with the intent of unleashing a bloody sectarian war.

Take the case of Bahrain, for instance. Bahrain is a Shi'a-majority nation, whose reins are in the hands of the al-Khalifa sheikhs. The sheikhs, from a Sunni tribe in Kuwait, came to Bahrain and seized control of the country in the early part of the 19th Century, with the help the Wahhabism. Bahrain is not oil-rich, but it is the headquarters of the U.S. Fifth Fleet, making it a highly strategic nation.

The British do not leave matters to the Saudis alone, of course. Exemplary is the case of Police Chief Ian Henderson, a British national, who cut his teeth running brutal counterinsurgency operations in Kenya in the 1950s. From the 1960s forward, Henderson has been

stationed in Bahrain, as head of the security police and the intelligence service. He staffed the security apparatus with foreign mercenaries, many veterans of the British colonial police administrations in Africa. Henderson was made a Commander of the British Empire by Queen Elizabeth II, for his work in preserving the Empire. While Henderson ostensibly retired as head of security for Bahrain in 1998, he has been retained, ever since, as the chief security consultant to the ruling family.

Bahrain, where almost 30% of youth 18-25 years of age, many of whom are college educated, are unemployed, started witnessing mass protests beginning early February. Demonstrations on the streets of the capital city of Manama, as also in the interior, were inspired by the events in Egypt and Tunisia, rather than sectarian lines or political parties. Young women and men walked together holding banners saying “Shi’as and Sunnis are United.”

But the al-Khalifa sheikhs, unwilling to step down, and unable to control the mass uprising, brought in Saudi forces to suppress the demonstrators. Reports indicate that along with thousands of Saudi troops and dozens of tanks, the Saudis have also sent in al-Qaeda-type assassins who are now knifing Shi’a leaders protesting against the al-Khalifa sheikhs, with the intent of turning the uprising into a carnage of sectarian killing.

Prior to the arrival of the Saudi soldiers, and other killers, Bahraini King Hamad bin Isa al-Khalifa was stalling the demonstrators by promising much less than what they wanted. Following his Feb. 23 visit to Riyadh, where he met with, among others, Interior Minister Prince Nayef bin Abdul-Aziz, who, for 27 years, has turned the country into a breeding ground for Islamic extremism, King Hamad shifted his stance. On March 21, to comply with his protector Saudi Arabia’s demands, and laying the foundation for a sectarian warfare, King Hamad said, “An external plot has been fomented for 20 to 30 years until the ground was ripe for subversive designs.... I here announce the failure of the fomented plot.” Then the foreign troops were unleashed.



flickr/malyousif

A pro-democracy demonstration in the Bahraini capital Manama March 4. Inspired by events in Tunisia and Egypt, young people in Bahrain marched down the street carrying banners declaring, “Shi’as and Sunnis Are United!”

Al-Khalifa’s Links to Wahhabis and Brits

The vulnerability of the al-Khalifa family is not difficult to comprehend. The tribe came from outside, and took control of the country with the help of the Wahhabis. Then, the family created close ties to Britain by signing the General Treaty of Peace in 1820. A binding treaty of protection, known as the Perpetual Truce of Peace and Friendship, was concluded in 1861, and further revised in 1892 and 1951. This treaty was similar to those entered into by the British government with the other Persian Gulf principalities. It specified that the local ruler could not dispose of any of his territory, except to the United Kingdom, and could not

enter into relationships with any other foreign government, without British consent. In order to undermine the Shi'a community, Britain carried out another of its trademark colonial policies: to change the demographic face of Bahrain. This policy of "de-Iranization" in Bahrain consisted of importing a large number of Sunni Arabs and others from British colonies as laborers into Bahrain.

For centuries, the British have supported the al-Khalifa Sunni tribe as rulers of Bahrain, inserting themselves into any possibility of the al-Khalifa family aligning itself with Iran, or with the interests of the Bahraini people over and above the interests of business and power. According to the General Treaty of Peace of 1820, the British promised to protect Bahrain from all aggression by sea, and to lend support in case of land attack. Now, it is evident that the mantle has been handed over to the Wahhabi rulers of Saudi Arabia to unleash sectarian war under the pretext of "protecting the al-Khalifa family."

In Yemen, President Ali Abdullah Saleh is apparently now on his last legs. Many top military commanders and political colleagues, all belonging to his tribe, have deserted him, and many of them have joined the protesters, who are demanding Saleh step down immediately. The desertion occurred within 36 hours after the Saleh regime, ostensibly under Saudi direction, put snipers on rooftops March 18 to mow down Shi'a leaders after the traditional Friday Jumma prayer. Snipers took at least 58 lives that day.

It is not that the Saudis didn't try to open up the Shi'a-Sunni fissure in Yemen. A Yemeni opposition leader, Riyadh Hussein al-Qadhi, said, "We blew the cover off the Saudi intelligence apparatus, which interferes in Yemen and cracks down on the people."

Yemen's British Woes

Because of President Saleh's long-term political instability, according to Arab officials and Western intelligence sources, the Saudis have been financing Saleh's counterinsurgency campaign to the tune of millions of dollars a week. There have been repeated reports, largely from the northern rebels who are known as al-Houthis, after the clan leading the rebellion, that the Saudi military is aiding Saleh's poorly trained and badly equipped forces with airstrikes against rebel strongholds along the mountainous border. According to

Texas-based security consultancy Strategic Forecasting, "Yemen and Saudi Arabia are now seeking out mercenaries, particularly from Ukraine, to fly Yemen's Soviet-era MiGs and Sukhois in hopes of regaining the upper hand against the al-Houthis and their Iranian backers in this proxy war."

Recall the British-Saudi alliance during the civil war in Yemen (1962-70). At the time, Britain—having received a bloody nose trying to stop Egyptian leader Gamal Abdel Nasser's move to nationalize the Suez Canal in 1956—plunged into Yemen to ensure that Britain's important allies, such as Saudi Arabia, were placed in a position of authority among the rulers in Arabia. Clive Jones, in his book, *Britain and the Yemen Civil War, 1962-1965: Ministers, Mercenaries and Mandarins: Foreign Policy and the Limits of Covert Action*, pointed out that the operations were "a sustained mercenary involvement in the Yemen Civil War, to be paid for mainly through Saudi largesse."

Saudi Claws Beyond Arabia

One might surmise that the House of Saud's role in killing the Shi'as in Bahrain and Yemen, is a way to protect its own rule, particularly since Saudi Arabia also consists of 20-25% Shi'as, but the Saudi plan to commit sectarian killing to keep the Muslims divided goes beyond that. It is part of a strategic alliance with the British Empire, which was dramatically reinforced in 1985, with the infamous al-Yamamah deal, that has provided a slush fund for Sunni insurgencies from al-Qaeda to Africa.¹

Pakistan provides a prime example of such Saudi activities.

The divide between the Shi'as and Sunnis always existed in Pakistan, where the national identity remains extremely weak. Despite that, the bestial killing of minority Shi'as in Pakistan was a rarity until the Soviet Army invaded Afghanistan in late 1979. At the time, Pakistan was under a military dictator, Gen. Zia ul-Haq. Gen. Zia, who belonged to an orthodox school of Islam, Deobandi, was a favorite of the House of Saud.

There were a number of reasons why the Saudis liked him. One was that Zia had hanged the duly elected

1. See *EIR's* exclusive exposé of the BAE scandal, "Scandal of the Century Rocks British Crown and the City," June 22, 2007.

Zulfikar Ali Bhutto, who was a non-practicing Shi'a, married to an Iranian Shi'a. The Saudis found in Zia a "Crusader," whose Islamic tenet was very close to Wahhabism, who was willing to eliminate the Shi'as in Pakistan. That became an important element in Saudi policy, in light of the emergence of the Khomeini-led clerical Shi'a regime in Iran.

The first big break came after Zia imposed Islamization in Pakistan. Exploiting the existing faultline between Shi'a landlords and Sunni tenants in Jhang, Punjab, the Pakistani agencies unleashed the extremist Sunni organization Sipah-e-Sahaba Pakistan (SSP) against the Shi'as. At this point, the sectarian differences started to be settled with bullets. The funding of the organization came from Saudi "charities," as the same sources began to pour money into Pakistan, to set up thousands of madrassas (schools), whose sole intent was to develop the foot soldiers indoctrinated in Wahhabism.

The Shi'as, who are about 15% of Pakistan's population, also received some help from Iran, but they were outnumbered and outgunned. The Sunni outfits were flush with arms and money which had flooded Pakistan due to the Afghan "jihad" against the Soviets. In addition, the Pakistani state, now receiving cash from Saudi Arabia, patronized the Sunni jihadists who were involved in targeting the Shi'as. The same Sunni jihadists were also deployed to commit bloodletting inside the Indian part of Jammu and Kashmir.

It is no secret that the most extreme madrassas in Pakistan and Afghanistan mark the front line of radicalization of young Muslims, and the source of ready recruits for the insurgent groups. The history of these madrassas is closely linked to the history of conflict. As a result of the emergence of Saudi-funded Wahhabi-indoctrinated foot soldiers, Pakistan is now awash with violent Islamic extremists. While the foreign troops' presence in Afghanistan has further radicalized the situation in Pakistan, killings of Shi'as take place daily in Pakistan, and quite often, the Shi'as hit back, killing fellow Muslims who happen to be Sunnis.

The Saudi Role in Post-2003 Iraq

Cataloging of the Saudi successes in spilling Muslims' blood in recent years cannot be completed without mention of their contribution to the river of Iraqi blood that has flowed in the post-2003 invasion of Iraq by the U.S. forces. Dahr Jamil, in his *Asia Times* article, "The Royal Treatment: Saudi Involvement in Iraq

Overlooked" (Sept. 18, 2007), documented the Saudi role. He cited Iraqi lawmaker Sami Askari's claim that imams at Saudi mosques regularly call for jihad against Iraq's Shi'ites, and that the Saudi government had funded groups to cause chaos and bloodshed in Iraq's predominantly Shi'ite South.

Jamil, following his conversations with Sureya Sayadi, a Kurdish-American woman, living in the California Bay Area, after leaving Kirkuk in 1991, pointed out that Sayadi believes the Saudi monarchy is directly involved in funding "at least four new Islamic groups in Kurdistan. They are exploiting the fact that Kurds are mostly Sunni."

Jamil says that during the Summer of 2005, members of al-Qaeda and Ansar al-Sunna cells were among several extremists arrested in Erbil, and most of them were Kurds. Prior to this, Saudi mosque-building in the area during the 1990s, combined with the return of Kurdish militants who had fought against the Soviet Union in Afghanistan, is believed to have led to the emergence of groups like Ansar al-Sunna. The general perception was that these men aspired to radicalize the general population by replicating the Afghan model in Kurdistan.

Reinforcing this trend around that time, Saudi Arabia established links with these Kurds to counter the power of Saddam Hussein. In 1992-93, Islamist Kurdish groups worked under the Saudi-based International Islamic Relief Organization and other "charities," which pumped \$22 million a month into Kurdish areas. Today the Saudi names have been replaced with Kurdish names. In the decade following the 1991 war, when Saudi "charities" constructed 1,832 new mosques, alarmed Kurdish officials instituted restrictions.

Finally, it has also been reported from Iraq that the political consolidation of Shi'a rule in Iraq, the escalation of violence against Sunnis following the bombing of the Samarra Mosque, and Israel's disastrous war against Hezbollah in Lebanon, have all led to an escalation of sectarian rhetoric. The Saudis rolled out their state-employed, bigoted, and militantly anti-Shi'a clerics, to characterize the conflict in Iraq as a *fitna* (Arabic, for seduce, tempt, or lure). Iran was apparently, and deliberately, failing to prevent Baghdad's ethnic cleansing of the Shi'as.

The Saudis continue to foment sectarian violence in Iraq and throughout the region—just as their British patrons demand.

LaRouche Candidates Take Lead in Mass-Strike Process

by Harley Schlanger

March 21—While the attention of those watching the unfolding mass-strike process in the United States has been focused on the political upheaval in Wisconsin, where state employees and their supporters mobilized in unprecedented numbers against a fascist Governor Walker, there is another process underway, which would be missed, if one relied on the lying mass media for political intelligence.

This process was described by Lyndon LaRouche in his March 10 webcast, when he spoke about how teachers and their students have come to the fore, in the battle to save our nation from destruction by the London/Wall Street financial interests, through their puppets, such as President Obama and Governor Walker. He spoke of the commitment of teachers to the future of their students, and how it is lawful that they would emerge as leaders in a mass strike.

The savage budget cuts in education, proposed by newly elected state governors of both parties, with full backing from the White House, has created an awareness that it is the future itself which is threatened by these mindless proposals for draconian cuts. While some Democratic legislators and union leaders have agreed to compromise with the budget cutters, on pensions, wages, health care, etc., teachers and students realize that there is even more at stake in the present crisis than these usual “bread-and-butter” issues.

It is their involvement which is changing the nature of the ongoing battle, from a partisan stalemate, into something potentially transformational. And it is this

sector of the mass strike which is now demonstrating an increasing openness to the intervention by the six LaRouche Democratic candidates for Congress (see <http://larouchepac.com/campaigns>).

No Compromise with Killers

In a statement issued this week, titled “Burn Wall Street and London—Don’t Kill the People,” which is being distributed throughout California, Summer Shields, a candidate for Nancy Pelosi’s U.S. House seat from San Francisco, identified the problem with the approach of much of the self-appointed leadership of the resistance to the budget cutters. “We, the young people of the world,” Shields begins, “are opposed to an economic policy that is both stupid and insane!” (See full text below.)

Throughout the nation, while health care, infrastructure expenditures, and pensions are under attack, it is the cuts in education which have drawn the most fire. Schools are being targeted by Obama, with his Bush-on-steroids “Race to the Top” policy, which blames teachers for the growing numbers of failures among students on standardized tests; by brain-dead governors such as Walker, Snyder of Michigan, and Scott of Florida; and by local school boards, which face a collapse in funding.

For example, *every* K-12 teacher in Providence, R.I. received a pink slip, as local governments cannot promise that there will be funds for any of them to have a job next Fall. In California, tens of thousands of teachers

have been informed that their jobs may be gone, as Gov. Jerry Brown, a recycled Democrat, is playing a dangerous game of “chicken” with stubborn, ideologically driven Republicans, over how to close a \$25-billion-plus deficit.

Perhaps the most egregious example is in Michigan, where a Big MAC-style dictatorial executive, with virtually unchecked power, has been established in most school districts, to slash the number of schools and teachers. In Detroit, the state-appointed emergency financial manager announced two weeks ago that almost half the city’s schools would be closed within two years, meaning that there will be as many as 60 students per classroom.

While the unions have mobilized their members—including teachers—to fight, the approach of most union officials there was characterized by LaRouche Democrat Bill Roberts as “muddle-headed,” almost as a “business-as-usual” approach. A demonstration on March 16, at the Michigan state capital of Lansing, drew a number of students, who spoke of their anger at this “business-as-usual” approach. Rejecting the calls for “shared sacrifice,” and “bipartisan compromise,” which have typified the impotence of the United Auto Workers (UAW)—which has failed to stop the dismantling of the auto sector and its machine-tool component, while presiding over the collapse of its union membership—students were focused on going after Wall Street, and were chanting “We got sold out; banks got bailed out.”

These students were open to hearing from Roberts and LaRouchePAC organizers about the direct connections between the bailouts and the budget cuts—that while there is plenty of cash and loans for Wall Street swindlers, there is nothing for the physical economy, and those in the workforce who produce real, physical wealth. They were also interested in LaRouche’s solution: how the immediate re-implementation of Glass Steagall regulations would end the bailouts; clean up the “Too Big To Fail” banks through bankruptcy reor-



LPAC-TV

At a rally in Austin, Texas March 14, students and teachers protested brutal budget cuts; Kesha Rogers’ Congressional campaign intervened with the LaRouche Plan for Glass-Steagall and NAWAPA.

ganization, so they could be used for the generation of new, Federal credit into major job-creating, wealth-producing projects, such as NAWAPA; and give the Federal government the capability to provide funds directly to states, to prevent austerity-crazed governors and legislators from imposing killer budget cuts!

Will the Youth Have a Future?

The question on the minds of most of the student demonstrators is whether there will be a future for them, if Obama and the Walker-types are not stopped. This was eloquently expressed by a 12-year-old student from Dallas, at a large rally in Austin, who said, “We need our teachers. We need books. We need classrooms. We also need music, art, and culture. We need these things to feed our minds.” If the budget cuts demanded by Texas Bush-League Governor Perry go through, magnet programs in areas of science and culture will be cut, to cover the deficit of more than \$25 billion.

Organizers from the Kesha Rogers Texas Congressional campaign have been speaking with university students throughout the state. While students have gone in large numbers to Austin to protest the cuts, they admit they have not been given solutions. Rogers has intervened with the “LaRouche Plan” of Glass-Steagall, NAWAPA, and funds for the state, and has found a growing openness from students and teachers.

The same process is underway in California, where up to 20,000 students participated in a march and rally

at the state capitol in Sacramento, on March 14, despite heavy rains. Organized by campus groups, including the California State Student Association (CSSA), which represents students at 23 campuses of the California State University system, the Shields campaign was prominently represented in the march by a large “Glass-Steagall or Die” banner. All afternoon, students approached the campaign organizers to ask about Glass-Steagall, and to complain that they were not being taken seriously by legislators of both parties, who insist that they have no choice but to cut.

The CSSA held a conference March 19, at Cal State Pomona, to take up the question of “What next?” With representatives of all 23 universities present, the major “talking point” was to “tax oil companies.” The controlled environment was broken, to the delight of most of the bored participants, by the intervention of LaRouchePAC organizers, who challenged them to break out of the containment of the false budget fight, and take up their roles as leaders of the mass strike. LPAC organizer Cameron Peterson read them the Shields campaign leaflet, and explained to them why only Glass-Steagall will work, to save funding for not only education, but other areas slated for slashing.

He was followed by Pia Maelzer, from the LaRouche Youth Movement in Germany, who has been working with the Rogers campaign in Houston. She told them that what Walker and Obama are doing is what Hitler did in Germany. As Bernanke is preparing to hand another trillion dollars to Wall Street, she said that every one “in this room has to think much bigger right now. Think about yourselves and your own role in history.” She told them they must not compromise, but fight as leaders for the whole population.

The response among CSSA leaders was typical of what is emerging among the younger people engaged in the developing mass-strike process, and conforms to how LaRouche has described the way the mass strike evolves—they know they must do something, so they have been drawn into the fight. Yet, they don’t yet know exactly what to do. Thus, the intervention by the six LaRouche candidates and their LaRouchePAC organizers is capturing their attention. Organizers in California are mapping out follow-up events with leaders from the CSSA on a number of campuses.

‘Clean Break with Culture of Extinction’

To further this process, the Six Candidate Slate has issued another statement for national distribution, to

drive home the importance of the role of the younger generation, to provide leadership.

After attacking the lies of the media, which is trying to misdirect the anger against the fascist policies of Obama and the right-wing corporatist governors, into an anti-nuclear Jacobin mob against science and technology, the LPAC candidates speak directly to this younger generation: “We, the six candidate national committee, are calling on our generation to join us in making a clean break from the political cowardice, the economic insanity, and the cultural pessimism of the last 40 years. The future cannot be seen clearly in any other way. The era of mediocrity that has tolerated Presidents like Obama, or scientific frauds like environmentalism, belongs to the former generation. If it isn’t relevant to making the revolutionary changes that are necessary today, then it is not worth our time.”

Summer Shields

Candidate Addresses California Students

LaRouchePAC candidate Summer Shields issued the following statement, titled, “Burn Wall Street and London; Don’t Kill the People!” on March 14; it is being distributed at student rallies and other venues throughout California, where Shields is challenging Nancy Pelosi for the 8th Congressional District seat.

Students:

From Tunis, Cairo, and Tripoli, across Europe, and to Madison, Austin, and Sacramento, young people are taking to the streets in protest to inhumane, deadly, and idiotic policies. They are absolutely justified in their actions.

We, the young people of the world, are opposed to an economic policy that is both stupid and insane!

The belief that cities, states, or even our Federal government, can solve the crisis of growing budget deficits and debt burdens through increasingly harsher budget cuts is dangerously immoral, but stems from a failure to understand the ABCs of how an economy

actually works. The first lesson to be learned is that there can be absolutely no compromise with the budget cutters.

When President Obama and Ben Bernanke talk about a “recovery,” they are lying. Their so-called recovery is based on an expanding stock market bubble, artificially pumped up by zero percent credit given to bankers and related swindlers. The result of this policy has meant devastating hyperinflation in the price of food and raw materials. With the money given to them in the last three years, the exact same crooks are accelerating the exact same corrupt practices that caused the 2007 financial blow-out.

Cutting the budget has never solved a budget or debt crisis. California is a perfect example of this. Eight years of drastic budget cuts under Schwarzenegger, and the deficit is still at record levels. The problem is that *revenues* have dropped over decades—we are no longer producing the physical wealth required to pay for the necessary expenditures of government. The temporary fake profits resulting from the dot-com and housing bubbles vanished when those bubbles popped and made things far worse.

Lyndon LaRouche, the only economist with a catalogued 40-year record for completely accurate economic forecasts, is warning that if we do not stop the insanity of the recent years, particularly the policy under both Bush and Obama, then the world will be crushed by the weight of a global hyperinflationary blowout which will wipe out what is left of every government on this planet, and create a new dark age for all humanity.

The recent report from the Financial Crisis Inquiry Commission (fcic.gov) accurately presents the 40-year historical process of deregulation and free-trade globalization that led to the financial disintegration of 2007. LaRouche uniquely called the shots every step of the way, while other economists, either through corruption or incompetence, failed to speak the truth.



Summer Shields

LPAC/Chris Jadatz

The Solution: LaRouche’s Plan—The People First!

1. If Gov. Jerry Brown wishes to avoid becoming a budget-cutting fascist like Schwarzenegger, Scott Walker, or Chris Christie, then he must lead the fight to restore Glass-Steagall banking regulations on the Federal level. All moral state and local officials must demand the immediate re-introduction of Franklin Roosevelt’s 1933 Glass-Steagall bill. This would force a separation between commercial and investment banks. More specifically, this would lead to an end of the hyperinfla-

tionary bailouts of the swindlers who built up the repeated bubbles; it would write down, or write off, over time, trillions of dollars of worthless, toxic paper, presently being propped up by free “liquidity” from the Federal Reserve. This would free the banks to begin to make credit available for physical production.

2. This credit would come from the U.S. Congress, for major job-creating, and wealth-creating projects, beginning with the North American Water and Power Alliance (NAWAPA). The 6 to 10 million jobs created by such credit extension, in combination with the revival of engineering, construction, and manufacturing firms, would immediately vastly increase the revenue to local and state governments, as well as to the Federal government.

3. Since the Federal government will no longer be guaranteeing liquidity to criminal bankers, it can “bail out” the state and local governments on an emergency basis, maintaining crucial functions such as education, health care, and police and fire protection.

No cuts would be necessary, and no compromises with the likes of petty would-be dictators, like Scott Walker, would occur.

We must say in unison to our legislators: “Millions have taken to the streets, to fight for economic justice, and a future. Don’t sell them out, by compromising with the puppets of crooked Wall Street and City of London financiers, such as Walker and Obama. Pass Glass-Steagall now!”

Evolutionary Potential: Space and Cosmic Radiation

by Sky Shields and Alicia Cerretani

This is the transcript of a LaRouchePAC video, dated Feb. 25, which is posted at <http://www.larouchepac.com/node/17607>. Sky Shields is part of the LPAC “Base-ment Team” and Alicia Cerretani is an editor at LPAC-TV.

Sky Shields: We’ve made the point, LaRouche has repeatedly made the point, that the human economic process is governed by anti-entropy, by creativity: That’s what drives the process forward. So the question is, what actually is anti-entropy? And if you really push and ask the question, you realize, the obvious thing is, anti-entropy itself, creativity itself, is not something that only happens once [human beings] are here, because you had a whole development process that brings us here. So if you want to get a real definition, a first-approximation, sort of experimental experience of, what is creativity, what is anti-entropy, we’ve got a huge sweep of history to look at, that’s not culminating with us, but reaches a new level of development with us.

When we got on the scene, it’s distinct. Because, suddenly with the development of human beings, you get willful, conscious creativity. I hope we’ll draw it out in some of this discussion. You get a phenomenon, seemingly in the universe, that is capable of understanding, to a greater and greater degree, the way that whole universe functions. The first thing ever in the universe that does that. All kinds of other things in it take part in that process, but this is the first thing you get that is capable of sort of subsuming it.

Darwinism and Creationism: Both Frauds

Alicia Cerretani: Well, taking a look at some of the things we’ve been talking about: Just take evolution, biological evolution, which is a fun place to start, because it’s completely unsettled, the jury is completely out on this one. There’s a number of different places to look, but the whole theory of evolution, the whole phenomenon of Charles Darwin, really has been imposed on this discussion, on this really incredible, abiotic/biological creative history. But Darwin’s idea of “natural selection,” “survival of the fittest,” predation, that’s just been imposed on this whole development, to cap it, to impose a certain very limited kind of thinking on human beings, to say, “This is what your history has been. The development of your species and the surrounding species has really been governed by who’s going to survive, who looks the best.”

Shields: Exactly. And that’s important. They’ve set it up, where you’ve got a gang-countergang right now, between the Darwinians and Creationists, both of which are wrong—completely wrong; we’ll make the point here. And a game is played to try and make the name “Darwin” synonymous with “evolution.” The theory of evolution, the knowledge that the planet Earth has a history existed long before Darwin ever came on the scene. The only thing that was unique about his theory, was that it was something which an empire could use to impose a very specific sort of policy.

In fact, there’s a reason that Thomas Huxley latches onto him. Everybody makes this point that, “Oh, Darwin

wasn't a Social Darwinist," etc. No, the Social Darwinists were there before Darwin was there! Huxley was a Social Darwinist before Darwin. Darwin was promoted, because if you can promote an idiotic scientific idea, like the one that Darwin had, that somehow you can get a creative process in the large on the basis of random actions in the small, if you can push that, then you can push the exact kind of mindset that empire wants imposed on a population: There is no creativity; your random impulses in the small are all that you need in order to get a decent end in the large. And if you look, this is Adam Smith's "Theory of Moral Sentiments," that we've often quoted. This is free trade. This is deregulation.

A while back, people saw a real case study of this with Enron in California: what happens when you let things run unleashed and unregulated. With this FCIC Report,¹ people are seeing what's happened on a national and international scale: that the whole idea that this process was just developing organically, as some sort of chaos theory epiphenomenon, was bullshit! The whole thing was gamed, like you said! The *entire* process was gamed; it was manipulated from the top down by financial interests.

Cerretani: Yes, so when they say, "Let nature take its course," it's really, "Let the empire take its course, let free trade take its course."

Shields: Exactly. And it's significant to recognize to what extent a really bad, superstitious view of evolutionary processes, what role that's played in this whole process, and to draw it out.

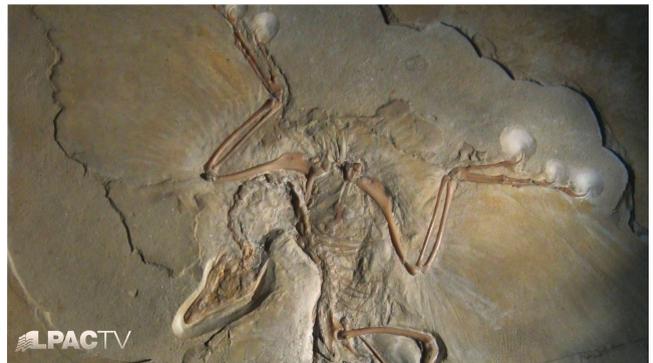
When you actually look at the fossil record, when you start to realize, "How does the planet Earth actually evolve?" you start to realize there is no series of deductive developments. It's not the case that you've got species' random mutation, and then being selected out for benefit. That the rise of complexity, the development of the Biosphere, is not something that happens on the level of the individual organism.

Cerretani: The whole is never the sum of its parts.

Shields: Exactly. The whole is, in fact, *more* than the sum of its parts. And the idiot screams, "But that's a logical contradiction!" Because the idiot doesn't realize how the universe actually functions. And we'll find that

1. The report of the Federal Crisis Inquiry Commission, headed by Phil Angelides.

FIGURE 1
Archaeopteryx Fossil



taking a look at the study, as it appears here in the evolutionary process, is going to give us some insight into the actual nature of economic processes; that, in turn, in a later discussion, is going to give us insight into some of the major problems that arose in the first half of the 20th Century, around the nature of matter-space-time, physical space-time, which is often referred to as the wave/particle paradox.

We'll see that a discussion of evolutionary processes, will get us right to that. And the necessity that, *in every case*, the whole is more than the sum of its parts.

Where Did Birds Come From?

Cerretani: Right. We have a couple of examples, that illustrate the case quite well. Just looking at the origin of the bird species, the history of what we know today as "birds," and then for the longest time you had this—

Shields: *Archaeopteryx*. (Figure 1)

Cerretani: Thank you, *Archaeopteryx*. All right, so, 150 years ago, this thing was discovered, and for the last 150 years, this thing was discussed as the "missing link" between dinosaurs and birds.

Shields: Right. Which is exactly what Darwin needed to justify *his* particular theory.

Again, Darwinism is *not* evolution. Darwinism is a very specific ideological spin on it.

Now, in order for his theory to work, it requires random mutations. Every step of it is a huge stretch: the idea that you get a random mutation in the first place; that you get some kind of process that selects that mutation for survival, all of which involved that mutation mating more frequently than anything else; and from that one point-mutation, you suddenly get some whole

FIGURE 2
Standard Image of an ‘Evolutionary Tree’

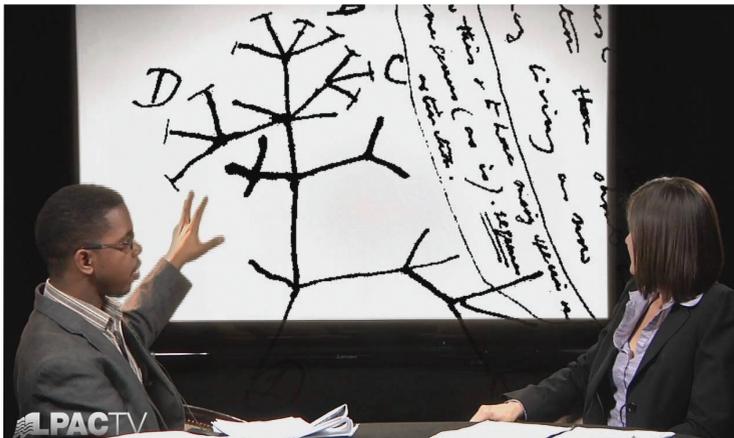


FIGURE 3
Archaeopteryx Was No ‘Missing Link’



FIGURE 4
Enantiornithes Fossil



new species branching out. So you get the standard image people are used to, of an evolutionary tree (Figure 2). This one little creature comes along, branches out into multiple ones. Those mutate, branch out, branch out, branch out.

For that theory to work, you need the idea of a “missing link.” Between two very distinct forms of organism, you should find some transitional fossil that represents the granddaddy of everything that came later on.

Now, shortly after Darwin produces his theory, the *Archaeopteryx* appears, the first fossils appear, and this is claimed to be *the* missing link, between dinosaurs and birds. This is heavily promoted: Everybody learns that this is the example of the missing link; you get it in all of your textbooks on evolution. It’s true: This is a creature that lived in the Jurassic period, it cohabitated with the dinosaurs, in fact, it is in many ways more dinosaur than bird. It’s got a long, lizard-like tail; it’s got a mouth that includes teeth; its skeletal structure looks like that of a lizard, but with feathers (Figure 3). And so, the idea was, “this must be,” this is your ideal transitional fossil.

But then, you had a problem with that, in the 1980s. It was discovered that you actually had a number of other lizard-like birds, or bird-like dinosaurs—*Enantiornithes* (Figure 4), which actually seemed to be distinct in lineage, from the *Archaeopteryx*.

Cerretani: Mm-hmm, you mean they didn’t belong to this family tree.

Shields: Right. You run into trouble: how to start to place these within your tree? And then, as you start to look further, to examine the fossil—this one first appears in fossil finds in Argentina; but later, as they started looking in different places, in China, elsewhere on the planet, you start to realize that there’s a whole wealth (Figure 5). What it looks like, is, in the fossil record, suddenly you get an explosion of all sorts of creatures possessing feathers, that are entirely unrelated to each other—it’s as though, right at this moment in history, suddenly, you get the serious attempt on the part of multiple reptiles, to try and become birds.

Now, this whole development has always

been a real problem for the people who would want to argue this in the terminology of natural selection. One of the biggest problems is that you have an intermediate period, during this whole period of the development of feathers; first off, the creatures who are doing it, are unrelated, so you can't trace a single feathered ancestor, they're all developing it. But second, the actual development of feathers plays no role in flight for quite a long time. If you look at these early creatures, they have sort of a down-like feather. And the argument is, "Well, maybe that was just to keep warm"; but then they begin developing very elaborate feathers, without being able to fly.

And likely, even creatures like the *Velociraptor* and some of these other dinosaurs, that were once presented as "scaled," were actually feathered creatures. And then, you're hard-pressed to say, how are these longer plumes of feathers keeping the creature warm? What role do they play? And the standard one—this becomes the silly thing you get with all the natural selection—it's always some form of, "Well, these are absolutely essential for sexual displays"! And the image you get in your head, is that maybe there was some period of time when the dinosaurs just couldn't get laid, until they developed feathers? You know, 10 million years go by, and it's like "Damn! This is a very—"

Cerretani: And the women dinosaurs were all just playing hard to get!

Shields: Yeah, right, for millions and millions of years, and the guys get together, and they're like, "Look, we've got to develop something new here. What we're missing, is ... *jewelry*."

Cerretani: So what you're saying is that the animals don't have the same mating habits as, say, some—

Shields: British anthropologists (**Figure 6**).

Cerretani: British anthropologists! And they ought not to impose that onto the animal kingdom.

Shields: Right. And all the arguments end up ridiculous at best. Sort of revealing in a strangely Freudian way, at worst, of what actually is the thought-process here—especially what we'll get to, when they start discussing man.

But then, to further complicate this whole picture,

FIGURE 5
Fossil Record: The Development of Feathers

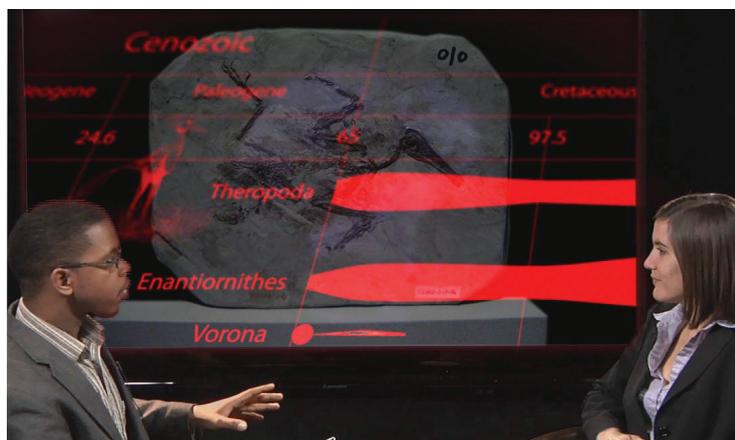


FIGURE 6
The British Avian Perspective



not only do you have this explosion of feathers, throughout the Jurassic and the period immediately prior, but later finds demonstrated that contemporary with, and even *prior* to the development of all these sort of bird-like dinosaurs, you actually had the development of feathered creatures that look a lot more like modern birds than any of these creatures did. The so-called "fan-tailed" (**Figure 7**)—you can see the difference between the *Archaeopteryx* with the lizard tail, a feathered lizard tail, and birds that already had what we recognize as the modern fan-tail of our birds.

So your initial thought is, "Maybe the actual development of birds had nothing to do with any of these other lineages." And then the whole thing is thrown into question. What actually happens? What kind of change could happen on a planetary scale, that would cause the

FIGURE 7
Fan-Tailed Bird-Like Creatures

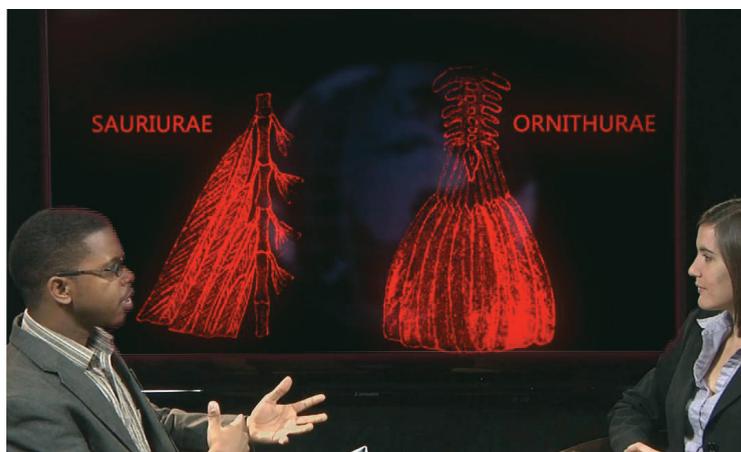


FIGURE 8
Multiple Lines of Evolution of Feathered Creatures



mass development of features like this?

Cerretani: Right, since they’re all happening relatively simultaneously.

Shields: Exactly. Then you look back, and this (Figure 8) is sort of what it looks like: You can see these multiple lines of evolution of feathered creatures. And the standard view is sort of this: that certain of these lines seem to dead-end, and don’t make their way into the present. What we’ll see in a later discussion, is that it’s possible that it’s not even the case—this is still borrowing some assumptions from old Darwinian views. We’ll see there are a number of cases, where you can see that these things likely converge and, together, become the final creature, that’s being sought.

Cerretani: They’re absorbed into one another.

Shields: Yes, which means that there must be some sort of process on the scale of the entire Biosphere that’s determining the need for these shifts.

Now, this is the exact opposite of the free-trade model of evolution; this is the exact opposite of the idea that somehow, all these little passions of all these little creatures in the small, are involved in producing a change in the large. Because, first off, there’s no benefit to be derived from any of these changes for the creatures in the small for quite a long time. Second, there’s not a single creature that makes that change.

You’ve got to look, now, somehow, into what happens on a global scale, immediately. We’ll have a later discussion of what sort of electromagnetic changes take place, on a planetary, inter-planetary, and galactic scale, that might account for this. One of the major developments with birds, aside from all the other ones that seem to be impossible to anticipate—the development of feathers and wings before you’ve got a creature capable of flight—is you have the loss of usable forearms. Maybe the *Archaeopteryx* has these reverse hooks on the wings, which aren’t even useful for climbing; they point the other direction, the opposite direction required for you to climb a tree.

But then you also have the development of magneto-reception, which we’ve discussed. One of our colleagues, Ben

Deniston, in our *Extended Sensorium* report,² has gone through, that you see in these creatures, already, the ability to respond to large-scale processes, of exactly the sort that would be capable of playing a role in mediating evolutionary processes.

Cerretani: And the case of birds is not the only case of, as they refer to it, “parallel evolution.” Go back further, to this Cambrian explosion, where you had suddenly the appearance of a skeletal system, and all kinds of different sorts of critters (Figure 9). Again, it’s not this lineage, it’s not this family tree, or this clade of one group that evolves into many other different things.

2. “Magnetoreception,” *EIR*, Feb. 4, 2011.

Simultaneously, around the Cambrian period, you had just the eruption, this explosion of skeletal systems and all kinds of different things. We have vestiges, a rough sketch, of the kinds of evolutions that took place. It's the same thing, it's almost as if the Biosphere was trying to force a certain upshift, so it had a number of different creatures develop these characteristics.

Shields: Unrelated.

Cerretani: Right!

Shields: There's no common skeletal ancestor that connects all these different groupings. You get the sudden appearance of skeletons. This actually greatly upset Darwin, because he realized—he was insistent that there had to be some common ancestor, you would find it. When in fact, this is *the* major appearance and diversification of multicellular life, and there seems to be *no* common ancestor between them. It's as though it were necessary for the process as a whole to begin to develop the way it did.

And again, you're hard-pressed to come up with an explanation, from a natural selection standpoint, that would give you the reason for these changes. What you typically get are just silly ones, you get the idea: "Well, maybe there was a period in time, where the environment became so toxically full of calcium, that all the organisms had to begin excreting it, and they just become skeletons." The problem is, not all the skeletons are calcium. There's such a range among all the skeletons, you're very hard-pressed to figure out *one* chemical environment that would result in the development of all the different types of silica, various types of calcium skeleton, and again, that it would happen in such diverse creatures.

What you do know, is that something changes on the planet as a whole, in order to mediate it. Now, we'll discuss in a later discussion, that maybe there's a close connection with the known electromagnetic properties of bone and mineral formation, which we become aware of when we're looking at what astronauts face when they leave the planet.

Reptiles Trying To Become Mammals

But along with that, roughly around the same time, a little prior to the diversification you get with the birds, you can count several attempts on the part of reptiles to become mammals, where the developments of mam-

FIGURE 9
Emergence of Skeletal Systems



malian traits appear. Now, one thing that may surprise many people, is that the various creatures we now call "mammals," are not related as mammals. They developed their mammal traits completely independently. They arise from several attempts on the part of reptiles to develop the traits that would turn them into mammals.

Now, this is a very important development. Suddenly, you get a real advance with the development of mammals: the ability to rear live young; the development of a real ability to become omnivorous, the varied teeth structures, the more advanced capability for hearing—there's a real advancement here. And it's as though, at a certain point, it were simply "time for this to occur."

And you begin to see it branch out, branch out in several forms. A lot of these die off. The three that make it to the present are the ones we know as the monotremes, or the egg-laying mammals; the marsupials, as mostly what you see in Australia; and the placental mammals, which we're familiar with pretty much everywhere else.

Curious thing about this: The actual differentiation of the marsupials into their various types, and of the placental mammals into their various types, doesn't occur until these creatures are somewhat separate. The marsupials are largely isolated to Australia; the placentals are everywhere else. But then, if you compare the different species of the marsupials to the mammals, you get a really funny thing. The first thing is, both the placental mammals and the marsupials develop saber-tooth variants at exactly the same time (**Figure 10**). Unrelated.

FIGURE 10

Saber-Toothed Placental Mammals (left) and Marsupials (right) Developed Separately

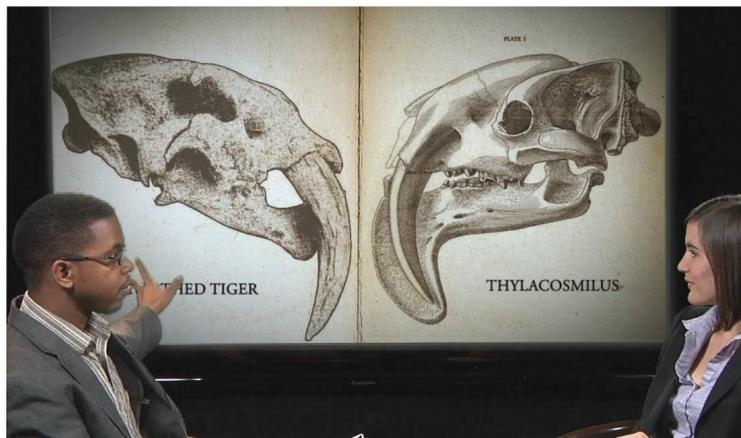


FIGURE 11

1:1 Matching of Modern Mammals (left) and Marsupials (right)



Cerretani: Really?

Shields: The saber-tooth marsupials are not related to the saber-tooth mammals.

Cerretani: They develop independently at the same time?

Shields: Completely independently. If you do a chart of modern mammals and modern marsupials, you see that this parallel is even more extreme (**Figure 11**): There's a one-to-one matching for almost every type. There's a marsupial cat and there's a placental cat; there's a marsupial dog, a placental dog; a marsupial flying squirrel, a placental flying squirrel, and these are, again, completely unrelated. It's as though it were time for this diversification to take place, and they began to do so; that as a result of some process governing the thing as a whole, you began to get this diversification.

Cerretani: Sounds like parallel evolution isn't some anomaly, but it's actually characteristic of the development.

Shields: Yes. In fact, for every major development in history, you get that. In the development of photosynthesis, you don't see some accidental appearance of some photosynthesizing creature; you can trace to the present, several seemingly completely unrelated methods of photosynthesis, different types that exist. In the fossil record, you see what look like cases of the development of creatures with this capability that just don't continue into the present.

Mankind vs. British Imperialism

Cerretani: What about mankind?

Shields: This is where it becomes interesting. Connected to this, you see two things: You see both the real, disgusting quality of British anthropology, and to what extent they want to use Darwin's version of evolution to promote, really, a racist, imperial view of history. You find, if you look at it, there's a reason that the British Empire invested so much into sending their anthropologists, their archeologists, their paleontologists to all different parts of the world, during the period of the spread of the British Empire. A lot of this was done on the basis of cultural profiling, of figuring out how you manipulate these peoples, on behalf of the British Empire. And a lot of it was done to promote a real sense of racial stratification. If you look, *everywhere* the British touched, they created an environment where you have this perceived sense of superiority and inferiority, a lot of which was argued for with a distorted version of the natural selection argument for evolutionary development.

Cerretani: Which isn't even characteristic, necessarily, of the Biosphere. It's something they imposed on it.

Shields: Right. When it gets to man, you realize what they wanted.

Now, an interesting example of this, is the appearance of Neanderthal. Now, in early lineages, in the whole Darwinian hunt for the missing link, the assumption was that every fossil you found, was part of this one, single lineage of mankind, because obviously there was this descent of man; everybody's familiar with this silly image here of the little ape crawling, and then you develop up to the spear-bearing man (**Figure 12**), and

all the funny variants on it. So, of course, the idea was that you have a development of man—Neanderthal man fits somewhere in there—prior to the development of *Homo sapiens*. But then, with further investigation, it became very clear—both because of habitat, and other types of morphological analysis—that the Neanderthal was too distinct from its contemporary Cro-Magnon man, for them to have been related.

And at this point, the British imagination goes nuts, and you get to see the real evil: You watch some of this hideous, hideous Discovery Channel video, trying to describe the interaction between Cro-Magnon man and Neanderthal, and the idea was promoted, that this other species of human being, this Neanderthal—cognitive, creative, capable of tool-making, capable of organizing its environment on the basis of a creative thought, in the exact same way as Cro-Magnon man is, was driven extinct because of some sort of “species inferiority.” And they use the exact same natural selection terminology: It was “selected against,” etc. And this was the dominant view. Again, you’ve got all these British paleontologists jizzing in their pants about the idea that they can apply this really disgusting model, even for the Biosphere, to human beings!

Then, last year, 2010, a genetic analysis—it’s questioned, but—a genetic analysis showed that modern man possesses, in fact, genes from both Cro-Magnon man *and* Neanderthal. Which means, at the very least, that these two, seemingly completely distinct species, were capable of being absorbed into one another. So, rather than the extinction of one, with this weird “survival of the fittest” model, you start to see that what it looks like, is that the Biosphere determined it was time to produce man, and along diverse lineages, produced separate seemingly morphological attempts—

Cerretani: Attempts at man. Attempts at this species or that species.

Shields: Right. And you see here that, instead of the other chart we had as an interpretation of the fossil record, where it looked, for the birds, like they reached a dead-end, here at least, in the case of man, in the case of Neanderthal and Cro-Magnon, we know for a fact now, there was no dead-end, but rather a convergence.

FIGURE 12
Textbook Idiocy About Human Evolution

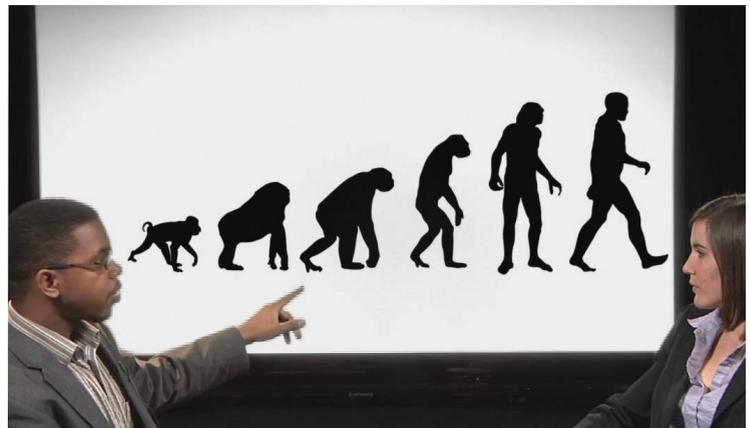
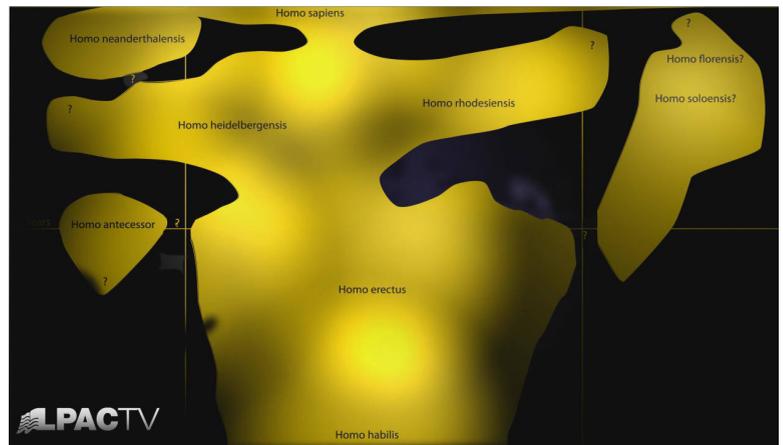


FIGURE 13
A Standard View of Human Lineages



Now, the attempts, in fact, were not all “attempts”; they were all successful, and they all become modern man. So, rather than the standard view of the evolutionary tree branching outward, you have an idea of it branching inward and upward, to make a necessary shift.

It becomes more interesting: Look at the sort of the standard map here, of the development of modern man (**Figure 13**). You take a look at this, the branching upward from *Homo erectus*, up to what would seem at first to be three completely distinct branches: the development up to Neanderthal man, *Homo sapiens* up here, and we know now, again, these two are not distinct: They actually merged.

But then, roughly contemporary with these, you also have the *Homo rhodesiensis*, “Rhodesian man.” This has a separate name from Neanderthal, but it’s

FIGURE 14
Cycles of Biodiversity



FIGURE 15
Cycles of Biodiversity (above) and of Motion of the Solar System Through the Galaxy (below)

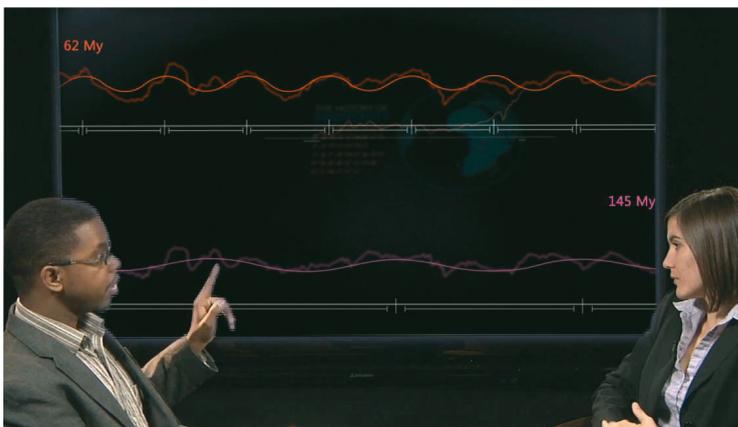


FIGURE 16
Proposed Motion Through the Galaxy



morphologically completely identical. Not related, though. Developed along completely separate branches. One doesn't branch out into the other. The only reason the different name is used, is because they appear in completely distinct parts of the planet.

So, if you really honestly look at it, then what you realize is that in various locations, the concept of the development of the Neanderthals—it was time for this to begin to happen; they are proposed by the Biosphere, and begin the development from where they were. *Again*, like every other case we looked at before, a development was being undertaken, as though there were intention driving it. In none of these, is there a single ancestor that's responsible for branching out into all of these various forms.

Cerretani: What are some of the other factors that go into biological development?

Shields: This becomes a wonderful one. Let's take a look at—this is a discussion that will include both our friend the *Archaeopteryx* and man. We'll have a lot more discussion on this, but we had an earlier video that was produced on this site, called "Our Extraterrestrial Imperative, part 2,"³ which discussed the relationship of looking at these long-term cycles in biodiversity, in evolutionary terms, and the number of species that are alive on the planet. And it's clear that you have these ups and downs, these increases and decreases of the number of species that are all part of this upward development of speciation, the upward development of evolution of the Biosphere on the planet.

Now, the two main cycles that are in there (**Figure 14**): One is a 62-million-year cycle; another's a 145-million-year cycle. Now it's highly likely, that the 62-million-year cycle corresponds—it's been proposed, aside from several tectonic and other cycles that are on the planet, which still need to be explained, which match up to that 62-million-year cycle: They all correspond to a proposed motion of our Solar System (**Figure 15**) up and down through the plane of our galaxy (**Figure 16**), while the 140-some-million-year cycle corresponds to a

3. *EIR*, Oct. 22, 2010; <http://larouchepac.com/node/16049>

FIGURE 20

Complexity of Our Galaxy's Structure



FIGURE 21

An Even Larger Structure: Tendrils of Galaxies



abiotic processes, and engineering them, and bending them to its will, the environment it's creating here, on the planet. Which also just flies in the face of all the reigning economic ideology, right now. Not only is it wrong, but it's just incompetent, it's dangerously incompetent, because you're *not* thinking about these factors.

Looking from the Galaxy, Down

Shields: And it gives a very different view of what the actual destiny of man is. The destiny of man is the organization of these lower phase-spaces, the organization of the Biosphere. And what it means, is, that what these environmentalists are talking about, is not trying to keep some delicate balance. The Biosphere keeps no "delicate balance"! Nowhere in it!

You've got this chaotic development to higher and higher states, as you said, both influencing, being acted upon by, and acting on, itself, processes that are on a much larger scale, the Solar System, the galaxy, *at least*. So at least, that kind of activity has to be the purview of man, at the very least.

But then, what becomes interesting, is, now you take a look at recent developments, in looking at our galaxy, and you start to realize, that our galaxy as a whole likely has a structure that's very different than heretofore thought (**Figure 20**). You take a look at what came back from the Fermi telescope, and the existence of these massive gamma-ray producing structures on either side of our galactic disk—provided our galaxy is a disk, which there's good reason to think so—this is *hugely* structured.

Again, no empty space. What was once presumed to be empty space, is not only filled, but it's structured in a very detailed fashion. You know, the reason why you're able to recognize that those are there, is the radiation: Things being produced in those regions are reaching us here on Earth, meaning they can affect us here on Earth.

When you start looking out at the other galaxies, and try to build a picture of how they exist, relative to each other in space, including us, you start to realize that we exist on these much larger filaments, tendrils of galaxies, which gives you a structure that's even larger than the galactic structure, something that subsumes even that (**Figure 21**). In that incredible organization,

you've got negentropy, anti-entropy, on this massive, massive, massive scale. There is no activity that we can take, no human activity that can be really called "human," that's taken without taking that whole structure into account, at least with the idea that, ultimately, that's our destiny.

Cerretani: And that none of it is holding still. There is no maintaining, like you said, a "delicate balance." But it's one thing to recognize what it is that human beings are a part of, what we actually have the potential to act on, upon, and around, because we're fundamentally different than the Biosphere, because we can act on it.

You know, it's compelling to think of the idea that for the Biosphere, it was "time" for mankind to exist, so there was this period of "research and development,"

all these different species trying to approximate mankind. Here we are! Now to the degree that we can discover what environment we're actually a part of, we can do that. But it requires overthrowing these old, dusty, imperial, wrong axioms about what it is, the space-time that we're living in, that's just completely wrong. And the virtue of a crisis is that you have to begin to ask these questions and answer them very quickly. And you do that—this is where the role of human economics becomes incredibly important—and it becomes obvious just how fraudulent the last 40 years have been, because that period doesn't take any of this into account. That's treason! That's a fraud!

Shields: Right: It's anti-human.

Cerretani: Yes.

Shields: In this context, you take a look at what we are, and you look at something like an Obama; you look at something like the financial interests and imperial interests that control him: Anybody who's pushing for the sorts of things he's pushing for: bailing out banks, rather than defending the population; pushing for a health-care policy that's organized around making a profit, rather than pursuing the frontiers of knowledge; shutting down a manned space program; ultimately shutting down our space program entirely! The attacks he's made on fusion energy. That he's behaving as though he's a species distinct from the rest of the human species.

Now, what does this mean? If you take a look at the evolutionary development, what do you mean by "evolution," once human beings get on the scene? It's no longer characterized by morphological distinctions; as you saw, looking at Neanderthal and Cro-Magnon, the essential thing was not the morphology. The essential element of this, was the ability to express a specific species character. And the major changes in our evolution after that, came not from some physiological changes—it wasn't that we grew feathers, or hooks, or learned to scale trees, or if we didn't grow some kind of display to make our mating easier to attract the . . . you know, whoever we're looking to attract.

What we did, is we made fundamental breakthroughs in our knowledge and our understanding of the universe we live in: Those breakthroughs have effects on our species that are equivalent to evolutionary changes. Whereas other animals live *within* certain evolutionary conditions, and to change from reptiles from mammals, you have to kill off the reptiles, to produce the mammals. The equivalent change in the human species, like, say, from a feudal society, to a republic, doesn't neces-

sarily require killing off the older—it depends on how bad the feudalists try to hold on! But that evolution can take place within the lifetime of a single human being. In fact, you can have *successive* evolutions within a single generation! The transformation is what LaRouche at one point referred to as on the level of "supergenes," as opposed to on the level of genes. That this is the development of ideas.

So, the question of the definition of us as a species hinges on what ideas, what concepts, what principles are we governed by? Somebody like an Obama, something like a British Empire, something like royalty, the feudal mindset of somebody who's promoting globalization, who's promoting free trade, is a mindset of a species that's not only distinct from ours, the human species, but the mindset of a species which is both predatory and parasitical on our species, whose survival depends on the destruction of us both.

Now, this means that the next task for our evolution as a species is to consciously act to a) eliminate that threat, to eliminate this predatory state of monetarism; but then, b) for most of us, to go in the direction that our species is actually meant to move. You know, instead of the Obama policy of shutting down the space program to try and save money, we're going to say, "Fuck the money," money is our tool. Money is what we create in order to achieve progress. What's the actual direction of progress? Only in that way, will you actually produce the wealth that's required for the human species to survive.

Cerretani: Right. And we have those immediate projects in front of us. What LaRouche has outlined with a credit system, and what this organization headed up by LaRouche has put together with NAWAPA [the proposed North American Water and Power Alliance]. Those things grew out of a tradition of the United States, because we as a nation have made fundamental breakthroughs in the vein of what mankind actually is. That's where the profundity of the American Constitution lies, and the Preamble of the Constitution: that it's actually principled. It's not some approximation, it's not an approximation of this whole history that we went through. It directly follows, and actually leads this process of development that we went through, I would say, including on a galactic level.

And it's only in straying from those things that you begin to put this whole process into jeopardy. I mean, there's the process of discovering them, but there's also willfully suppressing them, and there's accountability for that, which is what we're seeing today.

The American Revolution in Ireland: Franklin's Irish Front

by Matthew Ogden

On March 17, 1780, Gen. George Washington proclaimed that St. Patrick's Day would be a day of rest for the Continental Army, to celebrate the cause of Irish freedom and the Irish-American alliance against the British Empire. This testament to the solidarity between the Americans and the Irish, from the father of the United States, was an affirmation of that spirit of resistance which the peoples of those two nations had shared for well over a century before, and continue to share to the present day.

Introduction

Less than 100 years after the successful Andros Rebellion in the colony of Massachusetts Bay, in which 1,000 armed citizens deposed the royal governor and declared themselves an independent republican government, the spark of revolution was reignited with the shots first fired on Lexington Green. The conflict that was to ensue, would bring the British forces in the North American colonies to their knees, and result in the birth of the American Republic, the first permanent and lasting sovereign republic on the face of the globe.

However, just as the uprisings of 1689 against William of Orange's new Venetian Empire regime were not isolated struggles within separate localities,¹ but rather,

part of a simultaneous resistance against one global empire, so the American Revolution was merely one front in a globally extended war.

Simultaneous with the organized rebellion among the colonists in North America, a similar force was gathering strength on the island of Ireland, England's closest neighbor to the west.

Benjamin Franklin, along with other revolutionary leaders in the American colonies, saw the rising tide of revolution in the American colonies as not just an opportunity for the independence of a few isolated sovereign states in North America, but as the chance to destroy the British Empire in its global totality.

'Friends of America'

Because of the shared spirit of resistance, which both the citizens of Ireland and Massachusetts Bay had exhibited in opposition to William of Orange, Franklin, the direct protégé of Andros Rebellion leader Cotton Mather, saw the Irish as his most likely allies in a plan to launch a many-faceted uprising within the British colonies. Already, by the year 1769, he undertook a trip to Ireland to scout out the possibility for an alliance between the two countries. Reporting back to his fellow patriots in Massachusetts, Franklin wrote: "All Ireland is strongly in favor of the American cause. They have reason to sympathize with us."

Returning in 1771 to meet with the "principal patri-

1. See "Ireland and America versus the New Venetian Empire," at <http://www.larouchepac.com/node/17692> or in *EIR*, March 18, 2011.



Benjamin Franklin reported poverty in Ireland to rival, or be worse than that of black slavery in the United States during the mid-18th Century. While this painting (by F. Goodall, R.A., from the collection of Maggie Land Blanck) portrays an eviction in the mid-19th Century, its image could apply just as well to a century before.

ots” of the country, Franklin was received in Dublin with great enthusiasm. He reported that he had found the Irish patriotic leaders whom he had met with from among the Irish National party, “to be friends of America, in which I endeavored to confirm them, with the expectation that our growing weight might in time be thrown into their scale, and, by joining our interests with others, a more equitable treatment from the English might be obtained for them as well as for us.”

As news was coming in from India of the starvation of 10 million people in less than one year, because of the policies of the British East India Company there, the horror of the fate which awaited the American colonies, were they not to resist, was only magnified in Franklin’s eyes by what he saw in Ireland. Since the time that William of Orange had forcibly crushed the independent Irish Patriot Parliament, the Irish people had been targeted for complete elimination, being systematically dispossessed of their land, and driven into a state of desperate poverty. By the 1770s, almost 95% of the arable land on the island was owned by absentee landlords, to whom the Irish peasants, who were overwhelmingly Catholic, were effectively enslaved due to the anti-Catholic penal laws. The conditions under which the Irish lived were so wretched, that eyewitnesses reported that even the black slaves in the British colonies in the Caribbean lived better than the majority

of the Irish people.

After almost six centuries of British rule, the Irish people were faced with the possibility of total extinction. Franklin described the brutal conditions of life which he observed among both the Irish and Scottish people:

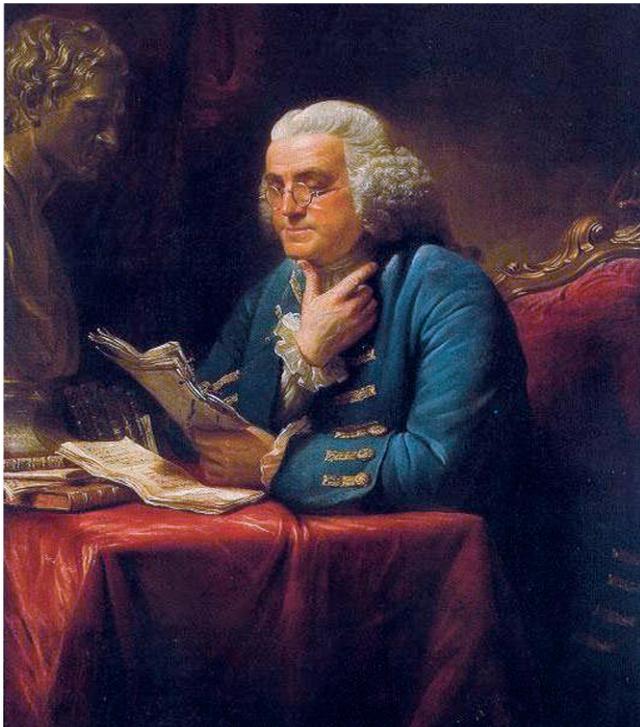
“I have lately made a tour through Ireland and Scotland. In these Countries, a small part of the Society are Landlords, great Noblemen and Gentlemen, extremely opulent, living in the highest Affluence and Magnificence: the Bulk of the People Tenants, extremely poor, living in the most sordid Wretchedness in dirty Hovels of Mud and Straw, and clothed only in Rags. I thought often of the Happiness of New England, where every Man is a Freeholder, has a Vote in publick Affairs, lives in a

tidy warm House, has plenty of good Food and Fuel, with whole Cloaths from Head to Foot, the Manufactory perhaps of his own Family. Long may they continue in this Situation!” (Franklin to J. Babcock, January 1772)

By the time the Revolution broke out in Massachusetts in 1775, the North American colonies had already been flooded with Irish men and women (many of whom called themselves Scots-Irish), seeking to escape these savage conditions of life which the British had imposed upon them at home. And when they arrived, they bore the scars of generations of war which the British had waged against them. As soon as the drums of war began to beat, and the patriot militias began to assemble, the Irish immigrants flocked to enlist, ready to fight. On the morning of April 19, an estimated 150 of the Minutemen who assembled to face the Redcoats at Lexington and Concord were Irishmen, newly arrived on the shores of North America. By the height of the war, an incredibly large portion of Washington’s army, including his officer corps, was Irish, either by birth or by descent.

The Irish Front Is Opened

Once the fighting broke out and the hot phase of the war in North America had begun, Franklin immediately put his plan for a simultaneous revolt by all of the Brit-



The chief strategist of the American Revolution, Benjamin Franklin, constantly sought to bring Ireland into the war against the Empire, through both private and public diplomacy.

ish colonies into action. Meeting with the Continental Congress in 1775, a year before independence was officially declared, Franklin submitted a proposal for the drafting of articles for a united confederation among the still separate North American colonies. The final article in the proposed document would extend an invitation to the other British colonies, including Ireland, to enter into the confederated alliance. The article reads:

“Any and every Colony from Great Britain upon the Continent of North America and not at present engaged in our Association may upon Application and joining the said Association be received into this Confederation, viz. Ireland, the West India Islands, Quebec, St. Johns, Nova Scotia, Bermudas, and the East and West Floridas; and shall thereupon be entitled to all the Advantages of our Union, mutual Assistance and Commerce” (proposed Articles for Confederation and Perpetual Union, Article XIII, 1775).

The same Continental Congress adopted an address to the Irish, written by Franklin, which distinguished the Irish Parliament from that of the British, against whom the Americans had declared war:

“Your Parliament had done us no wrong. You had ever been friendly to the rights of mankind; and we ac-

knowledge with pleasure and gratitude, that your nation has produced patriots, who have nobly distinguished themselves in the cause of humanity and America. Accept our most grateful acknowledgments for the friendly disposition you have always shown us. We know that you are not without your grievances.... In the rich pastures of Ireland many hungry parricides have fed, and grown strong to labor in its destruction. We hope the patient abiding of the meek may not always be forgotten; and God grant that the iniquitous schemes of extirpating liberty by the British Empire may soon be defeated.’”

As the fighting spread from Massachusetts to the other colonies in North America, drawing increasing numbers of British troops into the attempt to put down the revolt there, Franklin began to mobilize a parallel uprising among the Irish, emphasizing to his allies among the Irish patriotic leaders that now was their strategic chance to achieve independence. The British would not be able to contend with two rebellions at once, he argued, and a common military action by both countries would be more than the empire could handle.

An Irish citizens’ army began to be built up, under the pretext of protecting Ireland from a foreign invasion, while the increasing numbers of British regulars were shipped to America to quell the uprising there. However, this citizens’ militia—the “Irish Volunteers” as they were called—refused to swear an oath of allegiance to the King, or to accept royal commissions for their officers. By May 1779, the Irish Volunteers numbered more than 8,000, outnumbering the British forces by greater than two to one. By October of that year, their ranks had swollen to 50,000, and by the end of 1779, almost to 100,000 men in arms.

‘That Infamous Franklin’

The support for this patriotic movement by the revolutionary leadership in America was announced by Franklin in an open letter which he sent from France in October 1778, called “An Address to the Good People of Ireland on Behalf of America.” Franklin wrote:

“The misery and distress which your ill-fated country has been so frequently exposed to, and has so often experienced, by such a combination of rapine, treachery and violence, as would have disgraced the name of government in the most arbitrary country in the world, has most sincerely affected your friends in America, and has engaged the most serious attention of Congress.”

Franklin concluded, speaking on behalf of the Continental Congress, by committing the newly proclaimed independent American states to an economic and political alliance with Ireland, in direct opposition to Great Britain:

“If the government, whom you at this time acknowledge, does not, in conformity with her own true interest, take off and remove every restraint on your trade, commerce and manufactures, I am charged to assure you, that means will be found to establish your freedom in this respect, in the fullest and amplest manner. And as it is the ardent wish of America to promote, as far as her other engagements will permit, a reciprocal commercial interest with you, I am to assure you, they will seek

every means to establish and extend it; and it has given the most sensible pleasure to have those instructions committed to my care, as I have ever retained the most perfect good will and esteem for the people of Ireland.”

Franklin continued to nurture the growth of the citizens’ army in Ireland, sending dispatches to the Irish which were printed in various patriot newspapers there, announcing news of the successes by the less experienced and lesser equipped Continental Army in America against the highly trained British forces, and emphasizing Ireland’s common interest in America’s quest for independence. The American cause became exceedingly popular. As Britain’s Lord Shelburne observed, “In every Protestant or Dissenter’s house the established toast is success to the Americans.” Other eyewitnesses reported that the people talk sedition and speak of treason everywhere, warning the British government that the Irish would follow America step by step, until the entire British Empire was undone.

As France, and then Spain, joined forces on the side of the Americans following the surrender of Gen. John Burgoyne at Saratoga, the British were beginning to feel the heat of the possibility of a multi-front war. It was widely recognized among British intelligence officials that Franklin and other revolutionary leaders, in-



U.S. Army Center of Military History

While the American population was fighting the British Empire across the Atlantic, the Irish too were mustering an army under the name of the Irish Volunteers. By 1779, the Irish had over 100,000 men in arms. Here, a painting of American soldiers in battle.

cluding the naval captain John Paul Jones, were seriously considering the idea of bringing the war to British shores, possibly launching a direct offensive against Britain itself. In France, General Lafayette was interviewing Franklin’s Irish contacts and collaborators about the possibility of a joint American-French invasion of the British Isles from the shores of Ireland. Among Franklin’s circles in France at the time was a young printer’s apprentice named Mathew Carey, who had been forced to flee Ireland for the writing and publishing of pamphlets calling for repeal of the brutal anti-Catholic Penal Laws. Lafayette asked Carey to tell him in what ways the Irish were organized politically, and how many could be depended on to join in an insurrection if France were to land in Ireland.

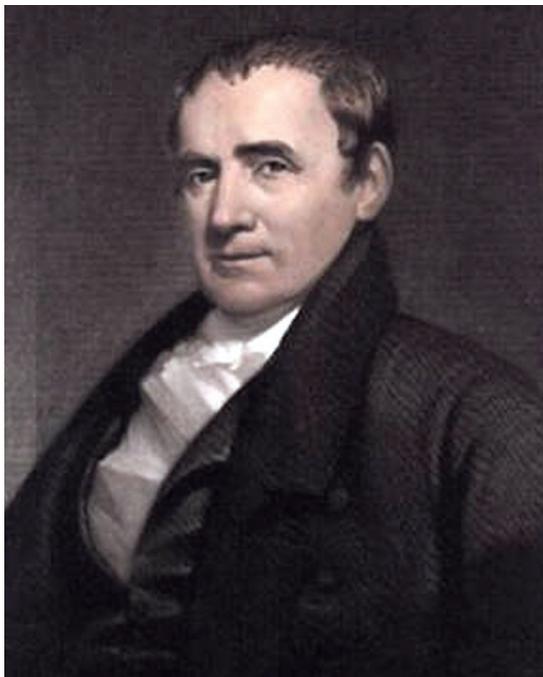
Aware of Franklin and Lafayette’s agitations, Lord Stormont, the British Secretary of State, wrote to the King telling him that Franklin was involved in an attempt to gain French assistance to help establish an independent kingdom of Ireland. And Viscount Hillsborough, another agent for the British Foreign Office in Ireland, wrote: “Your cursed Volunteers, and Patriots have alarmed us here very much... That infamous Franklin by his agents is certainly attempting mischief in Ireland.”

The Irish Sons of Liberty

In parallel with the Sons of Liberty in America, the Irish Volunteers waged a trade war against the British, adopting and enforcing the proven method of non-consumption and non-importation. This boycott movement spread all over the country, with nationalist associations adopting resolutions swearing to wear and make use of the manufactures of Ireland only. Merchants who imported English goods were threatened by the Volunteers and warned of the consequences if they continued. Some were made examples of, through tarring and feathering, and other forms of public humiliation.

The young Mathew Carey, under the sponsorship of Franklin and Lafayette, now back in Ireland, first became the editor of the *Freeman's Journal*, which published regular reports on the progress of the American war. He then began to publish a newspaper called the *Volunteer's Journal*, which quickly became the most widely read newspaper on the island. It was the flagship publication and the organizing instrument of the entire Irish Volunteers association. Writing such articles as "Unite or Perish." Carey became the voice of republicanism in Ireland, advocating separation from England, protective tariffs for the defense of the Irish textile industry, full religious and civil liberty for Catholics, Protestants, and Dissenters, and a total reform of the parliamentary and electoral system of Ireland. He provided extensive coverage of affairs in America, printing letters and reports from Irish soldiers in the Continental Army, and continually praising George Washington as the man whom Irish patriots should emulate. Mathew Carey was Benjamin Franklin's primary channel for the organization and education of the "Sons of Liberty" in Ireland.

The success of the non-importation movement put the leaders of the Volunteers in the position to demand the lifting of the repressive restrictions on Irish trade, which had crippled and impoverished Ireland's econ-



Franklin's leading republican agent in Ireland was Mathew Carey, a printer who was constantly in trouble with the ruling authorities; he emigrated to the United States, where he played an indispensable role in developing the nation.

omy since the Navigation Acts of 1663. As the demands were argued for by the leader of the Irish Patriot Party, Henry Grattan, in the Parliament in Dublin, the Irish Volunteers gathered outside, with their cannons pointed at the Parliament house and placards hung over the barrels, which threateningly demanded the lifting of trade restrictions "or else." This eloquent argument from the armed volunteers surrounding the Parliament was very convincing, to say the least, and the British government, under pressure also from America, immediately conceded, voting to lift all of the embargoes and trade restrictions which had been imposed on Ireland.

This victory served to swell the ranks of the Irish volunteers still further. Demonstrations were held in Dublin on Nov. 4, the day commemorating the 1690 Battle of the Boyne, during Ireland's war against William of Orange, with the Volunteers turning out in full uniform and arms, and surrounding the statue of Britain's King William III in Dublin, covering it in posters and signs demanding independence for Ireland—thus showing the continuity of resistance stretching back to 1688.

Independence Is Won

News continued to come in from Franklin of the successes of the American forces. The strategy of the Irish leaders was to use the growing numbers of armed Volunteers to keep up the pressure on the British occupation army in Ireland, and use the threat of military action to force concessions from London for legislative independence for Ireland.

Among these demands were the repeal of Poyning's Act of 1495, which said that the Irish Parliament was only permitted to discuss bills which had been first approved by the English King, and the repeal of the Declaratory Act, which had been imposed in 1719, declaring that laws made by the English King had the full power and authority to bind the people of Ire-

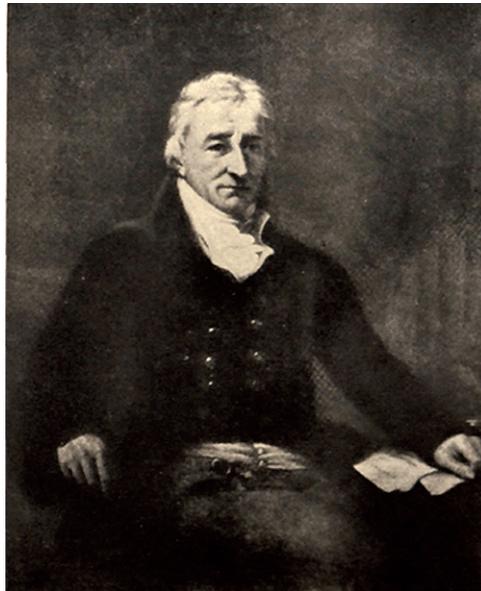
land. The Irish Volunteers, whose numbers had by this time grown to almost 300,000, convened a National Convention, and drafted resolutions demanding the repeal of both Poyning's Act and the Declaratory Act, and calling for the establishment of an independent and sovereign Parliament by and for the people of Ireland.

Finally, as the news came in that Gen. Charles Cornwallis had surrendered to George Washington at Yorktown, the King reluctantly agreed to meet with Grattan, who presented these demands. The English Parliament officially repealed the Declaratory Act in 1782, and finally, in 1783, the same year as the Treaty of Paris, which recognized the independence of the United States of America, the British Parliament passed the Renunciation Act, which formally abandoned British rule of Ireland.

Almost immediately, Ireland's newly independent legislature enacted protective tariffs, made credit available for manufactures, and began work on canals and other national infrastructure. State control over the grain market was established to protect the farmers, a national postal system was established, and all restrictions on Catholic landholding were repealed.

The Renunciation Act recognized "the right claim by the people of Ireland to be bound only by laws enacted by His Majesty and the Parliament of that Kingdom in all cases whatever ... [this] shall be and is hereby declared to be established and ascertained for ever, and shall at no time hereafter be questioned or questionable."

Although the British would immediately begin to reveal the utter hypocrisy of their promise, with the new prime minister, William Pitt the Younger, working tirelessly for the next 20 years to revoke Irish independence and force Ireland back into the empire, which he finally succeeded in doing with the infamous 1801 Act of Union, it is clear that Benjamin Franklin's strategy for a many-fronted offensive against the British had been successful, and that its decisive success in America had depended, in large degree, on the parallel and sympa-



Irish Patriot Party head Henry Grattan negotiated the formal abandonment of British rule over Ireland, with King George, after the U.S. victory at Yorktown in 1781. The British Empire eventually succeeded in revoking that independence.

thetic revolution waged by Irish patriots. As George Washington was to write in August 1783 upon hearing of this news, celebrating the double victory of both Ireland and the United States:

"Your Congratulations to our happy-fated Country are very agreeable, and your Expressions of personal Regard for me, claim my sincerest Thanks, as do your Exertions in favor of our righteous Cause, now so happily terminated. ... And while I thus express my Wishes in favor of my Native Country, I would felicitate the Kingdom of Ireland on their Emancipation from British Con-
troul, and extend my pious Entreaties, that Heaven may establish them in a happy and perpetuated Tranquility, enjoying a freedom of Legislation, and an unconfined Extension of Trade,

that connecting Link, which binds together the remotest Countries."

Moving Forward

The alliance between the republican leaders of the United States and the patriots of Ireland continued, through the networks of Franklin's young protégé Mathew Carey—who eventually was forced by the British to flee for his life from Ireland to Philadelphia—and then through his son Henry C. Carey. The economic principles which the Careys would develop as what became known as the American System, were the model upon which Arthur Griffith, the father of modern Ireland, would found his movement for Irish independence, Sinn Féin.

It was the Renunciation Act of 1783, the outcome of the successful Irish front in the American-led war for national independence, which Griffith would make the central feature of Sinn Féin and his fight for a new independent Ireland. He argued that Ireland, since 1783, was lawfully an independent and sovereign state; that the pathway to reclaiming that independence was to reject Pitt's 1801 Act of Union by simply not recognizing it; that the elected representatives of the Irish people

must abstain from the Westminster Parliament and set up what would become the sovereign Dáil Éireann in Dublin; and, in this way, to restore the independent constitutional state which had been won with Washington's victory over Cornwallis.

Griffith wrote: "[I]t is to be recollected that the Parliament of Ireland at this period was no shadow of a Legislature. It was a sovereign assembly, with the power of establishing and maintaining its own army and fleet, with the power of making war and concluding peace, with absolute fiscal powers and right of concluding commercial treaties with any nation. It was as independent of the British Parliament as the Congress of the United States is today. It was the Parliament of an independent nation." (From "Pitt's Policy: Imperialism and Ireland," 1911)

And this independent nation, which, under the strategic guidance of Franklin and Washington, had come into existence for a brief generation in the aftermath of the American Revolution, was the image which Griffith, with the founding of Sinn Féin, again brought before the imaginations of the Irish people as their historic birthright as a free and sovereign people. It was this

idea of an independent Irish state, freed from the political and economic shackles of the British Empire, in the image of the sovereign American Republic, for which the Irish people were roused to fight in their revolution of 1919-21, and which they continue to fight to preserve today.

So, as we in the United States find ourselves still in solidarity with the Irish people in our continuing war against our common foe, let us recall the words of Gen. George Washington, which he uttered over two centuries ago, in January 1784, but which still ring true to this day:

"The generous indignation against the foes to the rights of human Nature, with which you seem to be animated; and the exalted sentiments of Liberty, which you appear to entertain; are too consonant to the feelings and principles of the Citizens of the United States of America, not to attract their veneration and esteem. . . . If in the course of our successful contest, any good consequences have resulted to the oppressed Kingdom of Ireland, it will afford a new source of felicitation to all who respect the interests of humanity."

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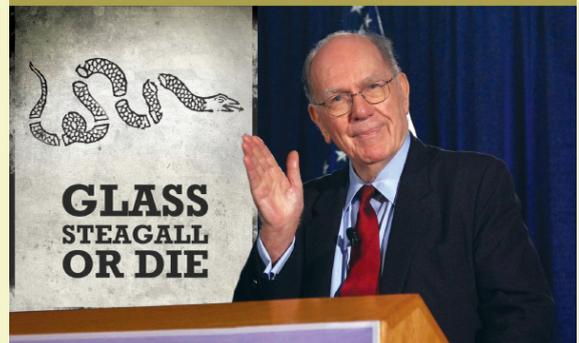
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Will Ireland Pull the Plug on the Empire?

Irish Prime Minister Enda Kenny will tell the leaders of the EU, at their heads of state meeting March 24, that Ireland can't pay the debt of the private banks, according to the March 20 *Irish Mail on Sunday*. If the Irish government does what it says it intends to do, it will do the world an inestimable service—by toppling the bankrupt British financial system.

The startling news came from an interview with Irish Agriculture Minister Simon Coveney, who said that both parties in the governing coalition, Fine Gael and Labour, have determined that it's not "fair or equitable that Irish taxpayers should be required to take on all of the debts associated with the mistakes made by Irish banks, and by banks who lent money to Irish banks." The private bondholders will have to take a "haircut"—because Ireland won't sacrifice its people to pay.

The Irish government position is not a total surprise, of course. In the recent parliamentary elections, those political leaders who agreed to the onerous bailout and austerity package were thrown out on their ears, and the nationalist Sinn Fein party emerged as the voice of the opposition. Sinn Fein declared from the beginning, that Ireland distinguishes between the sovereign debt of the nation, and debt contracted by speculating private banks. "Burn the bondholders" was Sinn Fein's policy for the latter.

Now the incoming government appears to have been forced to adopt Sinn Fein's approach. In effect, Ireland is implementing a Glass-Steagall principle, by differentiating between the debt incurred by its government, and the debt of a foreign bank operating in Ireland.

"We have to make that rude distinction," LaRouche insisted. "These are non-Irish banks. This is not an Irish debt. It is the debt of foreign banks

which have been operating in Ireland. Ireland is going to default on obligations to pay the *non*-Irish debt, which is the debt of the Inter-Alpha Group. These debts that are being demanded be paid by the Irish government, are *not* debts of the Irish government. They are debts of a foreign private banking system—the British banking system. They are not debts of the Irish."

The Irish people, of course, understood this distinction all along. It took enormous pressure from the IMF and the European Union to force Ireland to agree to put the nation in hock, in order to bail out the failing private banks, among them the Inter-Alpha's Allied Irish bank. Those private banks had been in the lead of building up the global speculative bubble, which engulfed Ireland, as it did the rest of the trans-Atlantic community. Like those same banks in the United States, they demanded "bailout" and they got it.

But now, if Ireland insists upon asserting its national sovereignty against these international predators, the process can be reversed. If Ireland exerts its rights, will Portugal, Spain, Greece, and even Italy roll over and submit to the bankrupt international bankers? Ireland's action will mean that any debt *not* voluntarily incurred by a government will be called into question. National sovereignty will tend to trump supranational looting, and bring that global system down.

And the United States?

The equivalent of the Irish assertion of sovereignty in the U.S. is nothing less than what LaRouche has insisted upon: the immediate reimposition of FDR's Glass-Steagall principle. Money-center banks will crumble in response, but, what of it? Free of illegitimate debt, we'll be prepared to save the states, and rebuild the nation.

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