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A Call to Action Against World War III
LaRouche's SDI Is Revived with Russia's 'SDE'
The Humbuggery of Charles Darwin

**The Fall of the British Empire:
Obama's Armageddon End-Game!**



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EIR

From the Managing Editor

You may have noticed out of the corner of your eye, even with the onset of the frantic “holiday season,” that there are rather dramatic changes taking place around the world—both good and bad. Lyndon LaRouche’s *Feature* article—“The Fall of the British Empire: Obama’s Armageddon End-Game!”—looks closely at both sides of the equation.

On the one hand, LaRouche writes, “Today, the great fools of our world appear to be about to go all the way to Hell; they seem committed to plunging the planet into a thermonuclear ‘Armageddon.’” But then, he proceeds to lay out the underlying principles, should we choose to master them, that will allow humanity to emerge from the crisis we are confronted with, thanks to the insanity of the British imperial oligarchy and its puppet Emperor Obama.

A speech by the chairwoman of the Australian LaRouche organization, Ann Lawler, offers a further elaboration of the oligarchical disease as expressed in the British Empire’s genocidal policies (see *Malthusianism*). Lawler takes on Charles Darwin, whose evil ideas are alive today in the DNA of his political descendants, such as World Wildlife founder Prince Philip, and the entire “environmentalist” movement, whose intention is to reduce the population by billions of people.

One of the most effective ways to carry out population reduction is, of course, war—especially nuclear war. And the Empire and its neo-Nero Obama, are busily going about lighting fuses here, there, and everywhere. The terrifying reality of the threat has now, at the last moment, begun to bring forward a serious, and outspoken opposition to Obama’s war drive. In *International*, you will find Helga Zepp-LaRouche’s “Call to Action Against World War III”; an interview with Hans Blix, the former IAEA director; and in *National*, a number of leading military figures and others, join the chorus of those speaking out against Obama’s push for war.

Two other developments, covered in *Science*, point the way to a happier future for humanity: the revival in Russia of LaRouche’s SDI proposal of 35 years ago, only now in a more advanced form, as reported by the Basement’s Ben Deniston; and a breakthrough in China’s space program, which highlights the shift from the dying trans-Atlantic world, to the vibrant Asia-Pacific region.



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*Emperor Obama
addresses the
troops at the
Royal Army Air
Force Base in
Darwin, Australia
Nov. 16.*



White House/Pete Souza

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The subject of this new feature article by Lyndon LaRouche, “bears on the presently grave likelihood that the British monarchy, and its notable mere puppet, U.S. President Barack Obama, will bring a general thermonuclear bombardment upon this planet; there is even the clear possibility, even if merely a possibility, that the human species might outlive such a holocaust.” Following that, LaRouche attacks “the underlying, broader and deeper implications of the question which I have just posed,” adding, “The issues posed within this report are premised on certain original discoveries of principles which I have also made earlier, respecting the implications of the concept of ‘human mind.’”

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THE FALL OF THE BRITISH EMPIRE:

Obama's Armageddon End-Game!

Lyndon H. LaRouche, Jr.

November 9, 2011

In late Summer 1977, I had committed myself to what was to be later named "A Strategic Defense Initiative (SDI)" by President Ronald Reagan; but, what we know today as the perennial, official damned fools, had voted President Reagan's policy down, not once, but twice. Today, the great fools of our world appear to be about to go all the way to Hell; they seem committed to plunging the planet into a thermonuclear "Armageddon." Tomorrow, some people might call it a "thermonuclear Hell," or, perhaps "Queen Elizabeth II for a day." I will not accept such a purportedly final judgment on mankind. Neither, I believe, would Russia and China.

It all needs more than a little bit of explaining, here and now. Up to this moment, the following is my story, and, also, probably, yours, too.

Preface:

The subject of this report, bears on the presently grave likelihood that the British monarchy, and its notable mere puppet, U.S. President Barack Obama, will bring a general thermonuclear bombardment upon this planet; there is even the clear possibility, even if merely a possibility, that the human species might not outlive such a holocaust. Both the British monarchy and President Obama are insane enough, although in slightly different ways, to bring such a catastrophic event, into being or something near to such an effect. Could some sort of species, one comparable in motivation to the evolutionary set within which our human species came about, exist as a knowable option within the bounds of such as either our present galaxy,



EIRNS/Matthew Ehret

There is now a grave likelihood that the British monarchy, and its mere puppet, U.S. President Barack Obama—both of whom are insane enough—will bring a general thermonuclear bombardment upon this planet,” writes LaRouche. Here, NerObama fiddles while the world burns.

or the super-galaxy suggestibly superior to the presently, dubiously fixed presumptions of the fabled “fine-structure constant?”

I shall now proceed from these prefatory remarks, toward the underlying, broader and deeper implications of the question which I have just posed. My intention in this venture will become obvious soon enough, perhaps before the writing of this present piece has been completed. The issues posed within this report are premised on certain original discoveries of principles which I have also made earlier, respecting the implications of the concept of “human mind.”

In a crucially important, most recent publication, bearing the title **Principle or Party?**,¹ I featured what should have become recognized as an urgently needed, more precise, and more truthful meaning for what has been named “physical science.” That meaning, with its further implications presented here, is typified by an historical succession of the known principles of those scientific revolutions thus far, an experience which has prompted me to adopt certain, selected qualities of

1. **EIR**, Nov. 11, 2011 (http://www.larouchepub.com/lar/2011/3844/principle_or_party.html); LaRouchePAC (<http://www.larouchepac.com/node/20133>)

presently added discoveries, discoveries which had been premised, chiefly, on the crucial work of such followers of Carl Gauss as those nineteenth- and twentieth-century revolutionaries typified, specifically, by *Bernhard Riemann*, *Max Planck*, *Albert Einstein*, and *V.I. Vernadsky*, considered in that order.

What is most emphatically unique in my report here, has been my own discovered principles respecting the nature of the actual human mind, as distinct from what is merely the “human brain,” principles on which only the creative powers of the human mind, rather than the mere brain itself, have been demonstrated to depend.

Those matters are my subject in this report, a report which depends crucially on a certain, included, and crucial principled discovery

based on my own rejection of contemporary reductionist standards.

Those matters, considered essentially in that same order which I have just indicated here, are of crucial importance for any effort to get to the root of understanding the underlying principles of certain, more than merely global considerations. These are considerations of universal principles, which must now be adduced and mastered, if we are to understand the deeper implications of the issues which I had already presented within my just recent, October 31, 2011 report, **Principle or Party?**

My own specific authority to speak personally on the subject of such things, has depended upon the singularly beneficial effect of my efforts to free certain present-day scholars, and also others, from what has actually been a set of certain, increasingly decadent, current trends respecting certain presumed principles of “physical science.” The future security of mankind, requires that we move our attention away from, and beyond, the popularized, but broadly corrupting spread of certain still persisting, academic notions of sense-perceptual “things.” Freedom from control by “such things” as those, could not be obtained without freeing persons from the maliciously nagging effects of what

continues to be that still popular, but demonstrably absurd, reductionist's conception of what is named "matter."

Implicitly, respecting the presently widespread thrust toward an ever more radical reductionism, the problem which is to be emphasized in this present report, reflects the needed adoption of a specific, revolutionary leap forward from within science, a profound change like that which was introduced by Academician V.I. Vernadsky's crucial accomplishment in his putting forward the successively advanced, ontological, notions, of "Biosphere" and "Noösphere." The latter of those two, the "Noösphere," on the subject of mankind, must be considered most emphatically in the conclusion of this present report.

That means, that the assignment of an "elementarity" of two different qualities, such as the pairing of "life as such" and "human creativity," must be taken as a commitment to a specifically metaphorical, but efficient interrelationship of both those just stated, respective notions. This is a commitment which must become recognized as being the effect of overthrowing that stubbornly pathological, reductionist's notion, the notion of what might be described as "physical elementarity." It is a notion which has been long typified as a reflection of that swindle known as "Euclidean geometry."

In that way, my long-standing attack on the corrupting effect of faith in sense-certainty, has been an attack which points toward the true identity of what should have become recognized, long since, as being an inherently pathological world-outlook. This involves a recognition which is, not surprisingly, in opposition to the relevant, still most popular meanings in currency today.

The systemic pathology of philosophical reductionism, as it is identified, and condemned in the opening paragraphs of Bernhard Riemann's 1854 habilitation dissertation, identifies the problem which is to be recognized for the evil it is. That problem is to be recognized by aid of the fact that that problem is actually an existing symptom of what is still presumed, wrongly, to be the axiomatic, implicitly underlying, "Euclidean" meaning of what still passes, widely, for the basis for the primitive foundations of what is, actually, merely an allegedly "physical" science. The recognition of the wrongness of the popularized, intrinsically fraudulent, Euclidean standpoint of ancient and modern reductionism, alike, provides the necessary basis for those methods presently required to clarify the foundations of a quality of an actually "physical" science, a science

which is suitable for displacing the inherent error embedded in certain among today's popular presumptions.

The clarification of that intention depends upon the specific discovery presented in this report.

Heraclitus & Philo, Versus Euclid & Satan

To illustrate that point, consider that fraud against science which was rightly attributed as being the fraud attributed to Euclid's geometry by the Philo identified as "Judaeus." That is the same, celebrated Philo who is to be remembered as associated with the Christian Apostle Peter. Philo's argument, when considered in light of the frauds of Euclid, presents us with what is to be regarded as exposing the inherent evil of an elementarily "Satanic" principle of the same presumed universal ontology, as that of Friedrich Nietzsche. So, Euclid and Nietzsche, are to be recognized as sharing a kinship among those who have been among the most vicious opponents of what should have been celebrated as the ontological principle of Heraclitus, and, also, of Plato's exemplary argument in his own **Parmenides** paradox.

It is important to make that contrast here, since we are obliged, by force of circumstances, to demonstrate the crucial principle presented in this report here. The argument to be presented, is elementary; but, it is not simple.

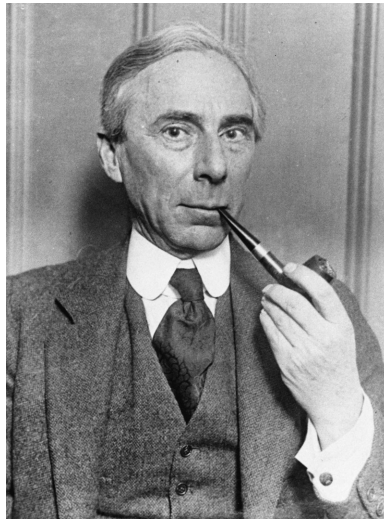
This brings us to the issue of Oligarchical method.

What we actually know respecting the ancient roots of presently remembered science and culture, is actually centered in an embittered conflict between, principally, two bodies of cultural practice, a conflicted reflected in the legendary war between what are known, respectively, as humanism and oligarchism. The first of these, humanism, is associated with the name of Prometheus, whose adversary is the Olympian Zeus. That Zeus is to be associated with the Olympians' oligarchical principle which produced the Roman Empire in four successions to date, including the British empire under Queen Elizabeth II, presently.

The appearance of the systemic conflict between Plato and the professional poisoner known as Aristotle, was already an expression of the exact-same conflict as that between what appeared as Christianity's struggle against the Roman Empire, and as Christianity pitted against the modernist existentialism of Friedrich Nietzsche. Although this conflict is often seen as a matter of contrasting qualities rallied under the underlying presumptions of religion, they are actually, at the same time, the underlying principles of respectively

conflicting foundations of what often functions as scientific belief. The reference to the precedent of the case of Plato against the sophistry inherent in Aristotle and Euclid, is the most convenient reference to be used for the introduction of the subject of our report on scientific matters here.

The great irony here, is this. The proof of the fraudulent character of the essentially underlying presumptions of Euclidean geometry is virtually self-evident. Why, then, has it persisted as an allegedly “self-evident” doctrine? There has been but one essential reason for that: the belief in what is called “the oligarchical principle,” otherwise to be known as the most typical principle of evil among human beings.



Both “monummetal wretches,” H.G. Wells (right) and his follower Bertrand Russell, “functioned, explicitly and utterly shamelessly, as instruments of a British Empire whose essential qualities were not inconsistent with the essential features of the Emperor Nero.”



Library and Archives Canada

The British Imperial Evil

For example, the most evil man in the Twentieth-century history of physical science, and also contemporary immorality, has been the Bertrand Russell who was complemented on this account by his senior, H.G. Wells. Both of these monumental wretches functioned, explicitly and utterly shamelessly, as instruments of a British Empire whose essential qualities were not inconsistent with the essential features of the Emperor Nero. Both are properly associated, still today, with the intellectual causes for holocausts against modern humanity at large. Combined, Britain’s Wells and Russell have exerted a resonant ideological influence, a kind of resonance which, itself, has killed the relatively greatest number of human beings in modern European history, including the toll of two so-called “world wars.”

That evil has been continued as a tradition up to the present time, even while the miscreants are presently, rather long dead. On this account, each of that pair of English figures, Wells and Russell, has actually authored more evil on this planet than had the infamous creation of the British (and Wall Street) imperialism’s influence, Adolf Hitler. Hitler is dead; but the legacy of Wells and Russell, like that of President Barack Obama now, is still an evil more rampant today than anything in earlier modern times.

The best choice of past references for discussion of this set of contemporary issues, is the mass-murderous reaction of the Roman Empire to the existence of Christianity. That is best typified, clinically, by the case of the immediate conflict of principle between the sheer evil of the Emperor Nero and the murdered Christian Apostles Peter and Paul.

That fact was already documented publicly, in April 2009, by the proof which I presented in my public, web-cast exposure of the characteristics of the personality of U.S. President Barack Obama. I exposed Obama then as exhibiting an echo of a mental disorder identical with that of the Emperor Nero.

That widely circulated report of mine, which has been widely circulated among relevant members of numbers of nations, has stood up to the tests of time. It has been proven since to be a perfected exposure of a great evil which Obama represents, exactly as I had warned, and to the present day. Obama’s evil is ever more clearly demonstrated, in fact, up to the present instant of this reporting. Many nominally powerful political figures of our United States submit to Obama, that chiefly because they fear the repeatedly demonstrated evil within him, just as silly but evil Nero was feared among the reigning oligarchy of ancient Rome in his own time.

What I have stated above, respecting personalities, is systemically true history, just as Philo Judaeus (“of Alexandria”) affirmed the fact of the implicitly Satanic (and, actually Nietzsche-like) characteristic of Euclid.² The determination of the current British Royal household and essential elements of its retinue, stands as openly avowed in their roles as authors committed to a satanic-like reduction of the present human population; this is the essence of their “green” obsessions, that of the British monarchy’s presently, thoroughly evil devotion to the rapid reduction of the human population, from a reported seven billions living persons currently, down, precipitously, to one billion or less currently. Precisely that genocide has now been set into motion under the joint promptings of the British monarchy and its puppet, President Barack Obama. That policy is fully in progress presently; that is being done currently at accelerated rates of movement toward that intended outcome. This is being done not only in the British Isles, but, presently, as through President Obama’s actions against increasing numbers among the citizens of our United States, as such practices of genocide had already been done, repeatedly, by the British on a wide scale, formerly in India, and, still today, throughout the continent of Africa.

Cusa Against Evil

The principal feature of the upward aspects of the modern trend in the course of the evolution of European civilization, had been centered, in its time, in the regions of the Mediterranean under the influence of that revolutionary Great Ecumenical Council of Florence, whose leading achievements had been centered on the influence of Cardinal Nicholas of Cusa’s revolution in science and culture generally. However, the history of the world over the much longer span, has continued to be dominated, repeatedly, by the influence of the great, continuing conflict between the legacy of Plato against the oligarchism of Aristotle’s service to the legendary Olympian Zeus. There is no other way in which the history of trans-Atlantic civilization and its physical science and economy could be clearly understood presently.

To restate that crucially important point, the long-ranging war, by the children of the Plato legacy, against the legendary, oligarchical model of Aristotle and the figure of the legendary Olympian Zeus before him, re-

mains the essential reality of living world history, still today. The elementary features of that still long-lasting conflict between the Florentine Renaissance and the forces of modern European oligarchism, remain the fundamental issue of conflict which dominates the world still today.

The Essential Evil of Euclid

That much said, I must now proceed here, to expose the merely arbitrary, and essentially fraudulent basis, for what has been a wrongly, but nonetheless widely accepted ontological presumption, a presumption associated with matters related to the indispensable exposing of the “a-priorist” fraud of Euclidean geometry, that for both the sake of science, and for other compelling reasons.

Therefore, I continue to attack the same, wrongful presumption which is attributed not only to Euclid and Aristotle, but has been more or less naively adopted by many richly misguided academics and others, up through the present day. The point to be reviewed on this account, at this moment, is that the elementary fact of Euclid’s shamefully presumptuous fraud, is a fact which suffices to force our attention most directly to what should be recognized as the vividly evil, systemic characteristics, characteristics which have been embedded within even the seemingly “merely practical” implications of that stubbornly persistent, monstrous hoax which Euclidean geometry has always represented.

This case of Euclid typifies the actually most evil implications of the continuing corruption of the body of science itself, the infectious criminality expressed by both the mathematical-physical and related forms of the reductionist doctrines which are still widespread among the devoutly credulous presently.

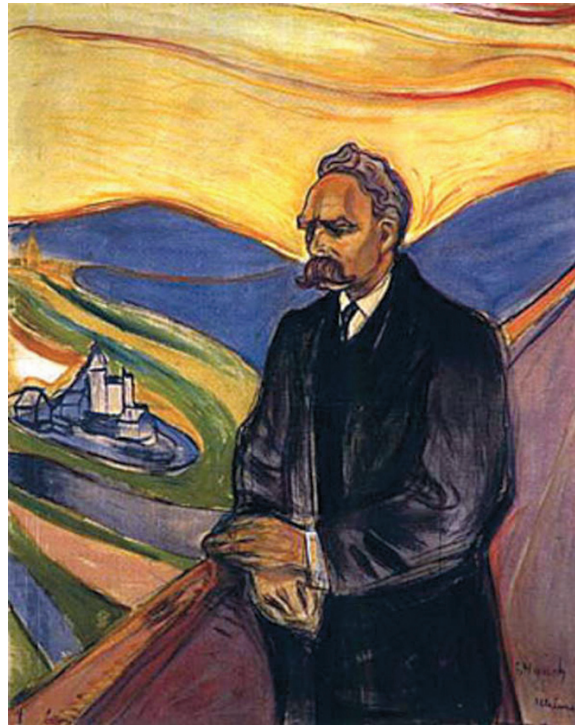
Today, unfortunately, there has been little attention to the actual breadth and depth of the existing evidence which is needed to support an understanding of how and why such a large part of even a putatively well-educated part of our populations, could have been so readily duped into the fraud peddled under the nominal pretext of a modern version of a pro-Euclidean reductionism. I emphasize the evidence of those who were similarly duped into the essential, reductionist frauds perpetrated in support of the dribbling and currently rabid, terrorist’s lying by a depraved Nero-mimic, President Barack Obama.

Therefore, I emphasize the fact here, that the basis for such popularized, academic and other frauds, as

2. Philo is associated with the Christian Apostle Peter, in the time when most leading Christians were actual or virtual Hebrews in faith.



Nietzsche (right) and his mentor Euclid, who perpetrated a “corruption of the body of science itself,” share a kinship with those who were the vicious opponents of the Classical scientific principles of Plato and Heraclitus.



Painting by Eduard Munch

ceeding from the controversy present so far, but by also considering another great error frequently experienced from within the ranks of the previously existing modes of making opinion.

The Oligarchical Principle

Such has been the continuing controversy between what should be the normal conduct of the contemporary human species and that of our present set of intrinsically wicked, cultural offenders. Such is that oligarchical social system which is currently typified by both the British monarchy and the U.S. followers of the “monetarist” system of such as London’s and Wall Street’s “oligarchism.” This subject-matter can be approached in an efficient manner;

spread among university graduates today, lies, essentially, in the simplistic presumptions of “sense-certainty,” or, said otherwise, the persuasive fetishism of nominalists’ objects, especially such as that which is named “money.” Both errors of presumption are typical of the rather popular, other names for “the work of Satan,” including the name of that now best known as, variously, the “British,” Wall Street’s,” and comparable notions of “the magic of the money-place.”³

So, on this same account, as in my preceding report, **Principle or Party?**, I have treated some essential principles of mankind’s place in the known universe. Now, here, presently, we must, ultimately, concentrate attention on added aspects of same relevant controversy within the ranks of mankind, as follows.

This set of added concerns, is, in effect, approaching its fuller appearance here in the most convenient mode. What is to be added here, is to be shown by pro-

but the essential added facts could be actually brought into view only by considering the conflict inherent in the systemic nature of the essential, persistent conflict between the oligarchical classes, so called, on the one side, and, the oligarchy’s customary victims, the typical membership of the so-called “customary and considerate classes” of society, on the other.

This is not to imply a bald assertion to the effect that the one party is “the good guys” and other “the bad buys.” In the degree that a society is dominated effectively by an oligarchical class, nearly all of that society, the intentionally vicious and the merely misguided, alike, is comprised of those who act, in effect, either as explicitly “the bad guys,” such as today’s and the City of London’s Wall Street gang, or, as that breed’s culpable accomplices, who are, whether fully witting, or not, an integral part of the mass of legendary “bad guys.” Those who have chosen to participate knowledgeably in such crimes, or even those who do so even only indifferently, are also among the criminals who serve as accomplices in bringing down horror upon the heads of us all.

The most relevant fact here, is the fact that that “money” which is, currently, being “protected” by the trans-Atlantic governments of such as the United States and western and central Europe, is already, actually

3. So, the rule has been, especially since the assassination of U.S. President John F. Kennedy and his brother, the pre-Presidential candidate Robert Kennedy, that the lowering of the physical incomes of nations in the trans-Atlantic regions, has undergone a long-ranging rate, of accelerating worthlessness of nominal “money,” since the inauguration of wild-eyed monetarists such as, the passably Euclidean model of our late President Richard M. Nixon.

worthless, and has been fully worthless since the relevant decisions made in the United States since August-September 2007. Actual production of physical wealth and actually productive employment, have been collapsing at an accelerating rate of depreciation of actual value per capita and per square kilometer, at the same time that speculation based on increasingly worthless, nominal money has been soaring at an accelerating rate, while the net product and real incomes of the population, and the net physical output per-capita, have been collapsing at an accelerating rate per capita and per unit of area. The entirety of the “bail-out” since 2008 has been worse than worthless. “Bail out” has been the addition of the putrid to the worthless.

Such depravity of economic practice, is the destiny of slaves, as those who are to be defined as slaves in both spirit and intention, by reason of their devotion to submission to the slave-masters responsible for the present trans-Atlantic, monetarist bubble-economy. (You become that which controls you, or does not.) The relevant distinction on such accounts, is that between not only the evils inherent in traditions of the oligarchy, but also in traditions inherent in the complicity of those who submit to a social system which is, itself, more or less changeless in respect to its adherence to cultural habits in the manner of a type of a lower form of life.

I mean, thus, a form of life which clings, as if organically, to the habits of service to a sameness of that submission which is comparable to a seemingly animal-like devotion to a bestial cultural tradition. It is a devotion tantamount to the kind of a tradition met characteristically, as if sometimes only biologically, in a form of human behavior which is typical of a mere animal, rather than human species.

A Summary of This Point

In summary of this present part of our remarks, thus far, our subject must be considered as the evil effects of a human society’s devotion to membership in a specific type of submission to an oligarchical, therefore bestial, conception of the composition of society as a whole. Such has been exactly the type of case as that represented by the rule of four successive Roman empires to the present date of the British empire, represented as being the traditional evil to be remembered as the effects of the victory of the so-called Greeks in the Peloponnesian War. The latter case is to be contrasted, in one type of case, with the outlook on matters of scientific and social outlook of such as Heraclitus, Aeschylus,

Socrates, Plato, and those others also exemplified by what had become known, largely, as those who suffered and died in service to the mission intrinsic to humanity, such as those who were opponents of the oligarchical principle associated with Aristotle, and Euclid.

It is convenient for some persons, but, unfortunately, not always accurate, to treat nominal Christianity as being, broadly, the example for our argument here. However, there has been a wide variation of contesting putative or other qualities of devotions among nominal “Christians,” among which many would certainly not meet the standard of such martyrs as the Apostle Paul (of **First** and **Second Corinthians**), or other most notable victims of Obama’s likenesses such as the Emperor Nero. Consider the matters thus placed at issue in the following manner.

Caesar & Satan

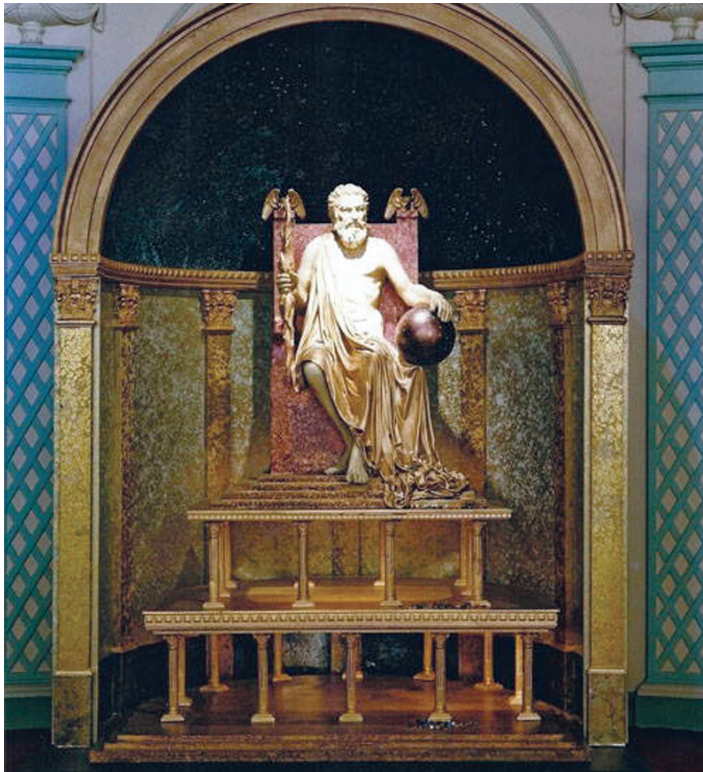
Scientifically, the proper standard for the adversaries of the pro-Satanic Olympian Zeus, has been the notion of a ruler with universal authority to rule arbitrarily. That is the fair description of the principle of evil in practice.

This standard presumes, that if one can recognize the proper standard for that arbitrary form of authority, whatever that standard itself prescribes, on that occasion, should be justly recognized as being a supreme imperial law for that occasion. The continuation of this present report, should now turn to the problem of defining a principle which clarifies that issue by destroying the claims for the oligarchical principle of the original Roman Empire or its British sequel. This returns our attention to the central issue of principle in the preceding, published report: **Principle or Party?**

Unfortunately, some important questions such as those which I have enumerated thus far, are not to be treated as simply as popularized opinions might imply.

There are relevant cases of what is actually outright evil, as expressed under the tyranny of President Obama at this juncture. However, in the contrary intention of practice which meets the universal standard of distinction represented by what is presently knowable as the actual distinction of the human personality from all other presently known kinds of living species, there is an entirely lawful approach to the conduct of government.

I have treated that problem of possible uncertainties on that point in my response to questions presented during my National Broadcast of September 30, 2011.



The principle of evil in practice is best personified by the Olympian Zeus, as the notion of a ruler with universal authority to rule over mankind arbitrarily. Shown: a copy of a sculpture of Zeus by the Greek sculptor Phidias (ca. 432 B.C.).

Therefore, I shall state the relevant matter of principle, summarily, in that prefatory light, as follows, now; but, I postpone the deeper implications to later sections of this present report.

According to the Apostles Peter and Paul, notably, mankind exhibits a certain potential which mankind shares lovingly with the Creator. That is the potential to which Philo implicitly refers in defending the permanent creativity of a Creator. Philo's defense of the Creator affirms a potential in the quality of that voluntary power of human creativity through which mankind is enabled to rise, as a species, above the mere capacity to live and grow.

I refer, thus, to mankind's power to act in accord with certain extended rules in that universe, rules which have contained us so far. We have what is knowable for us, presently, as being the power springing from within the human species. That is the power to develop, which it must be our motive to extend in practice not only within our Solar system, but even far beyond. The implied intention is, that man must act and develop human powers according to intentions and means used to in-

crease mankind's power of contributions to the development of the useful role of our species within, and, even beyond the reaches of our galaxy.

Progress in mankind's power and conditions for progress, per capita and per unit of measurement of our domains, is, when properly conceived, the characteristic of that general obligation for our species' scientific progress of practice, as a standard of practice.

How Must Mankind Act?

As I have emphasized in certain earlier locations, the most essential, known distinction of mankind from other forms of life, is that which passes for the essentially and consciously *willful* role of the human personality, and, also, for that person's participation in social processes. It is the ability to willfully change one's patterns of behavior from "a conditioned behavior," to the expression of a discovery of *an adopted principle of action for physical progress in the conditions of human life*, which marks the action of those voluntary powers which express a recognizable discovery of principle, and, thus, distinguishes the human species from beasts such as the rulers of today's British incarnation of the oligarchical principle also known to us from the Peloponnesian War and the original Roman Empire alike.

Such is the extent to which our species might reach in service of those effects upon itself which will be improvements to the effect of whatever the universe is aided to move us in a certain, ecumenical direction beyond our earlier means to do so. That is a mission of devotion to progress which begins with the contributions of respectively sovereign nations to the common benefits of mankind as a whole.

That signifies, for example: "*The common aims of mankind,*" as that was said on behalf of the SDI, by a then leading U.S. nuclear scientist, Edward Teller; during the celebrated meeting at Erice. That was the Erice conference which had come about, then, as part of the preparation for an intended treaty-agreement between the United States and its willing associates, on the one side, and the Soviet Union, on the other side.

The same, hopefully accessible potential for such an agreement, should be sought as presently within reach of a circle of nations assembled from among those who tend to be associated with Russia, China, and India, among others eligible for the equivalent of an "Erice"

principle of common interest and principle on such an account, today.

I. The Galactic Principle

Contrary to what must surely be the protests raised by some possible readers, the following set of arguments does not permit mere speculation. A very clear, discovered physical principle underlies the argument to be presented. A new, substantial, scientific revolution for mankind, is already knowable, and also overdue.

As I shall show in due course here, the significance of that statement, has a sound practical foundation, and, therefore, a rather awesome pair of potential implications for mankind now. At the very least, it compels us to make somewhat radical, but nonetheless necessary changes in society's conduct, that of a type which departs from the previously adopted limits associated with the more popular assumptions among scientists, like others, up to recent times.

As it should be, the source of creative advances sometimes lies in the recognition of the discovery, and correction of more or less silly errors, either those of omission, commission, or a combination of both, each made, as if all at once, that in the service of what had been some once well-meaning and widespread, but erroneous presumptions. That is the case with the subject I shall now put before you. Be patient, and the subject can be made clear.

For example: the ontological implications of the distinction of living processes from mere substance, and the difference of actually cognitive human processes, from what are merely living processes, have urgent implications which still await serious consideration, and, sometimes, extraordinary forms of corrective action. That latter is the case to be considered here and now.

This specific challenge to modern science, which has been in process since the late Nineteenth Century and the early Twentieth, must continue to be considered in respect to Academician V.I. Vernadsky's distinctions among abiotic, living, and creative matter. Predecessors such as Louis Pasteur had struck in that direction, as will those who will have continued in Vernadsky's direction still today.

Now, scientific progress respecting the subject of life as such, but, especially, human life's relationship to developments in nearby parts of galactic space, now seems to "close in on us," as with recently discovered

developments within both our Solar system and the galaxy which contains that system. Given the consequently menacing changes in our Solar System's situation, changes which menace the world now, we are obliged to dare to plunge into the matter of not only both presently known developments, but, also, to work to solve existing, increasingly compelling questions which still remain systemically unresolved issues.

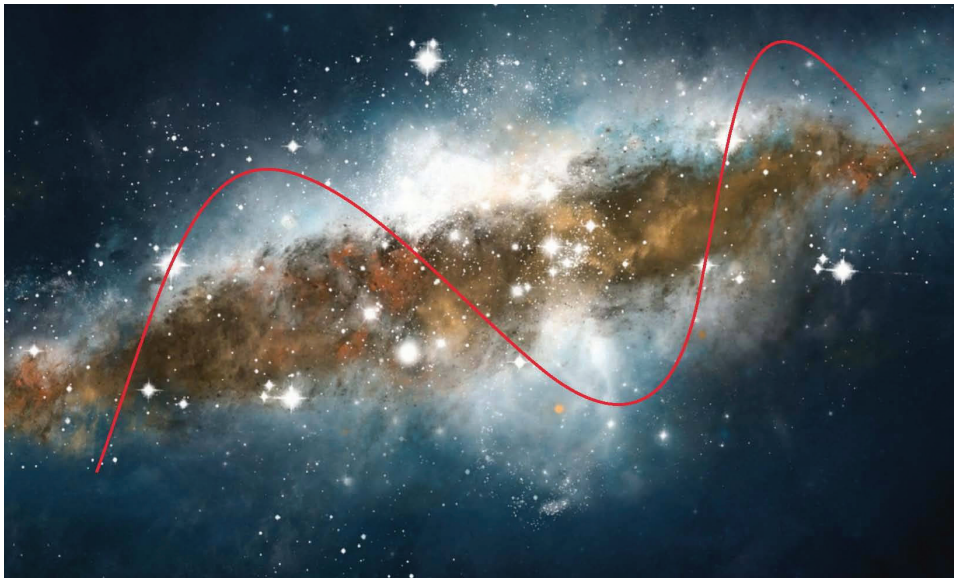
For example, given the estimated antiquity of the human species' relatively limited experience, the fact is, that we are presently approaching changes in the current, galactic setting of our Solar system. These are changes which may be more than our species could endure under present standards of protection for our species under present Earth conditions. For example, we might not be capable, biologically, to continue to exist as a species, unless we were to throw U.S. President Barack Obama out of office almost immediately. So, we may hope to unleash science against the threats of certain likely changes in our galactic environment, in at least a sufficient degree to generate those kinds of means, by aid of which we could enable our human species to withstand what appear, presently, to be some menacing kinds of approaching environmental conditions within the part of the galaxy to be immediately occupied by our Solar system soon, or now.

On this account, we must recognize the fact, that we can not presume that we can change the biology of the human genotype to such a degree that we might make ourselves inherently impervious to the threat of oncoming changes in our Solar System's oncoming galactic settings. However, with the development of technologies in the order of thermonuclear-driven developments of man's power to raise defenses, and, hopefully, do a bit better than that, we might be enabled to develop relevant, scientifically advanced systems providing some kind of "protection" for a healthy and happy future of our species on Earth.

There is a second option to be taken into consideration on this account. This must be considered now, at the same time that we are weighing the challenge which I have just stated, above.

"Maybe" Were Better Than "Nothing?"

We may hope, that through either the use of alternatives, or, suitably complementary measures, we might muster the insight required to gain intellectual control over the circumstances which galactic adjustments may require of us. These are types which might often in-



NASA/LPAC

“We are presently approaching changes in the current, galactic setting of our Solar System, changes which may be more than our species could endure under present standards of protection for our species under present Earth conditions.” Shown: the Solar System on its trajectory through the spiral arms of the Milky Way galaxy.

clude forms of a living chemistry which are to be located outside the bounds of the manner in which the subjects of life and cognition might have been defined prior to this present time’s implicitly threatened galactic crisis for mankind’s approaching future.

Let us consider a relatively worst option for mankind.

The development of means in that optional direction, presents us with additional options, options which might also lead us to discovery of other means for protection of our own present species’ requirements. “Wild-eyed?” Perhaps, but true, nonetheless. Hope that that option might not turn out to be hopeless for mankind.

However, let us put speculative options to one side for a moment. Let us consider, first, what might appear to be the better option. However, even prior to that point, we should re-examine the case for mankind’s role as an “earthling.” The discoveries which I reported in **Principle or Party?**, point us towards suggested remedies. There are other possible options, which we must not continue to overlook, also to be considered.

The Immediate Human Options

What we might presently presume to know about galactic matters today, indicates to us, that, perhaps, the human species presently knows, or might become ca-

pable of knowing other species of living creatures which might exist somewhere, as species which have characteristics comparable to *those specifically and consciously noëtic powers of creative principle* which are either already categorically characteristic of the human species, or plausible options. Perhaps a human being might fall, if but potentially, into that category. I, for one, am certain that that is true. It requires only the proper approach.

All this now leads into a related case.

We have the hypothetical case of a kind of what is merely sense-perception, the which, in fact, nonetheless

goes beyond what has been assumed to be case for the quality of willful action usually attributed to mankind thus far. That distinction, which defines the notion of life-in-itself, is known as an experienced fact, by its contrast with a state of death; but, up to this present time, people have usually failed to define life itself in a credible manner of a kind which is comparable to a sensed “object” in and of itself. The relevant presence is sometimes sensed by some persons, but *it is actually known only in the form expressed as metaphor*.

Pause here, for review of that certain point! In order to grasp the concept of metaphor appropriately, consider the actual case of Johannes Kepler’s uniquely original discovery of the universal principle of gravitation. Proceed as follows.

The Kepler Syndrome

The commonplace, but wrongly presumed notion of subjects of conception, has usually, mistakenly assumed them, until now, to be the objects of human perception. This was not always the case among some leading ancient Classical authorities in science. Heraclitus and Plato, are definable, systematically, as typical exceptions to that commonplace folly which is still reigning in most locations of modern scientific practice, still today. Among modern scientists, two among the most notable cases from the Renaissance were the true

The revolution in science initiated by Cusa in the 15th Century, followed by Kepler's original discovery of the principle of gravitation in the 17th, and later, the work of Vernadsky in the 20th, are all premised on the principle of metaphorical irony, a distinctly human quality.



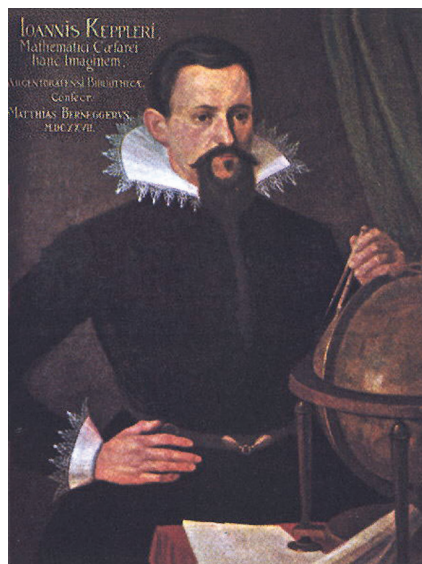
the principle of *metaphor*.

It is relevant to that same point, that there is a crucial difference between animals generally, and what is actually expressed as those voluntary shapings of patterns of behavior which are presently known as being uniquely specific to the human individual.⁴ I emphasize considerations which are associated with the discoveries of Academician V.I. Vernadsky. This distinction includes, most significantly, the crucially distinct function of a *principle of metaphorical irony* as a distinction of that which is actually a human, from a merely animal form of behavior, as I had indicated such a necessary trend for continuing scientific inquiry, as I did within my **Principle or Party?**

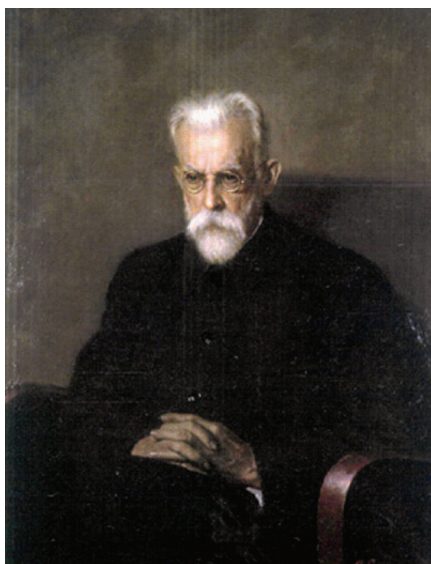
I explain.

As I have presented the case of metaphor in **Principle or Party?**, a metaphor is to be defined as two, or more, fully unlinked names for sense-perceptual objects, whose *connections* as images lie outside the domain of biological perception of sensed objects themselves as such, but which indicate a real action within the real universe, but which, nonetheless, actually exists only “outside” the literally implied domain of sense-perceptions as cause and effect in and of themselves.

For example, from Shakespeare, we have the ontological irony, with respect to sense-perception:



Frankfurt University



Portrait by A.E. Yeletsky (1949)

scientific genius Filippo Brunelleschi, for one, and, more emphatically, his younger contemporary, Cardinal Nicholas of Cusa, as in Cusa's **De Docta Ignorantia**.

The commonplace, reductionist's error to which I have just made reference, is the crucial point of departure for the case I am presenting here. It is a notable feature of the revolution in science which was made by Cusa in such locations as his **De Docta Ignorantia**, a discovery which led explicitly into such unique accomplishments as Cusa's and, later, Kepler's approaches to what became the avowed Cusa follower Kepler's explicitly unique, original discovery of the principle of gravitation. The principle of that latter discovery is what is otherwise to be recognized as, also, the great principle of all truly Classical poetry,

“Thus, conscience doth make cowards of us all...”

That reflects the same “logic” as Kepler's discovery of the principle of universal gravitation. It is, in all relevant cases, the principled action, or other effect, whose existence lies “outside” the literal quality of sense-perception as such.

On that account, we human individuals must continue, presently, to act as of the strictly peculiar quality of being a higher species. We must do so on the tentative presumption that we are a type which is presently other-

4. Pending the discovery of some other species, somewhere in the universe, which might be proven to share this characteristic.

wise unknown to us (*except as a being of the noösphere*), as differing from among the other species (*of the biosphere*), other than humanity as such. I mean our necessarily conjectured search for “another species,” as a species which shares access to a form of actually voluntary expression of a genuine, categorical quality of willful creativity, a creativity of a quality comparable to mankind’s discovery of the principled notion of a uniquely formed, original quality of universal physical principle.

The instances of the physical principle of life-as-such, have yet to be both commonly and properly defined in terms of a credible notion of a universal physical principle as such. I have already emphasized this in **Principle or Party?** We must consider such challenges from an adopted standpoint, which is that of a somewhat altered notion of physical science as such. This means that, as I shall emphasize at a later point in this present report: the principles of *life* and *human cognition* are actually, *physically*, of the *strictly ontological category of metaphor*, rather than sense-perception as such.⁵ Here, the speculation which is necessary for the exhaustive investigation of the anomalies of both life and cognition, is not to be put aside any longer; the risks of negligence as such have been far too menacing to tolerate continued complacency in this matter.

However, to get at the truth of such matters now, we must begin our searches with the effort to identify the frauds which have been drilled into popular opinion, notably those frauds which have been crafted through means by which men and women are made slaves-in-fact to that complacency of sense-certainty which is built into present-day, popularized frauds of a specifically oligarchical authorship.

Those are frauds which still serve as the most notable sources of the falsehoods which men and women bear in the form of the virtual shackles of the popularized lies which make men and women slaves to what are popular, but false, even fraudulent patterns of formation of ideas among widespread beliefs. The popular belief in “money” as being imagined as a really, physically efficient value, is a prime example of such popular frauds which are expressed as popular opinions.

That much now said; I proceed now, accordingly. All truth respecting such subject-matters, enjoys the

potentiality of a rigorously scientific basis: as my responses to questions posed during my September 30th National Broadcast indicate the nature of the answer to such questions.

For this reason, we are compelled to break free of those shackles which are the frauds which might be defined as the reductionist principles of “deductive logic.” We are obliged, thus, to leap into opposing directions, away from the merely deductive, into the creative imagination of the true discoverers’ hitherto unknown, universal physical and comparable principles. We must lunge forward, always lunging into the direction of examining those processes by means of which we are to be enabled to take ourselves out of the domain of mere deduction, into a higher ontological condition, that of metaphor, than we had imagined before.

Mankind must create states of existence coming more from out of our vision of the future, than our past experience. This is to be accomplished as mankind is being freed from the shackles which are the leftover-habits of the past. Such successes should become the proper distinction of mankind from the relative bestiality inherent in earlier, relatively ritualized conventions of popular belief.

Some Useful Discussion

For example: I had spent significant efforts toward breaking those habituated boundaries in the course of producing my recently presented **Principle Or Party?** I am now venturing, here, to lead us into still broader and deeper implications of the future, as I have demanded in what I have presented in that recent publication.

So, that much said, presently, we must recognize that even the weather we experience on Earth, expresses elements of causality which reach into the expressions of Earth’s place within the functions of that same galactic system within which Earth’s human experience, as human experience, *per se*, is functionally contained.

However, nonetheless, perhaps none among those of us who share that much of the relevant knowledge for today, would actually dare to presume that living creatures not significantly unlike our own species’ already known Earthly powers, represent a significant “intellectual” challenge to our understanding of our role within the universe so far. Rather, the discovery of the existence of such a species would certainly have a startling effect on our nation’s presently best scientific practice. However, the actual discovery of such a species-type would merely supply an ontological correc-

5. They are, as in the application of Metaphor, sensed, rather than sensing. See Chapter Two: “The Human Credit System” in **Principle or Party?**, or for the case of the uniquely original discovery of the universal principle of gravitation by Johannes Kepler.

tion of any presently existing notions of a generally living, and specifically cognitively-creative species already known. The change of our adopted self-image does not change what we are in effect. One observer's monster may be another's beloved. It is function which is essential.

Could the characteristic function of creativity in the discovery of cognitive principles, be replicated in a species with a different biology than that which encompasses the evolutionary emergence of a human cognitive type of being on Earth?

The crucial point is, that the distinction of the human species from the lower forms of life, has a certain, very much specific quality of relatively absolute distinction among species-types. Mankind is already a species which, naturally, tends to evolve intellectually, rather than, apparently, "only biologically." For reasons which I shall make clearer at a later point within this report, any species actually superior to our own human species, would be a human-like species (functionally) in respect to its commonly characteristic, shared qualitative distinction from lower forms of life.

Evolution, or the like, in the matter of the development of a species superior to the human intellectual type, would be found in the existence of a human-like, cognitive function which evolved under the conditions of a qualitatively different biology than that of other living creatures on Earth. However, even then, the principle of the human cognitive function is a quality which *implicitly supersedes* differences in the biology likely to be "encountered" in a biology far different than that we know on Earth presently.

Precautionary Considerations

For example: in some essential respects of function, we could not dwell, for at least some significant passage of time of dwelling, in some other parts of the Solar system, or of our galaxy. We must also consider the case which involves systemic preconditions which might be experienced only among inhabitants of some other parts of our own galaxy, or in the larger regions among which particular galaxies may be found: what of a universal system which includes billions of galaxies?

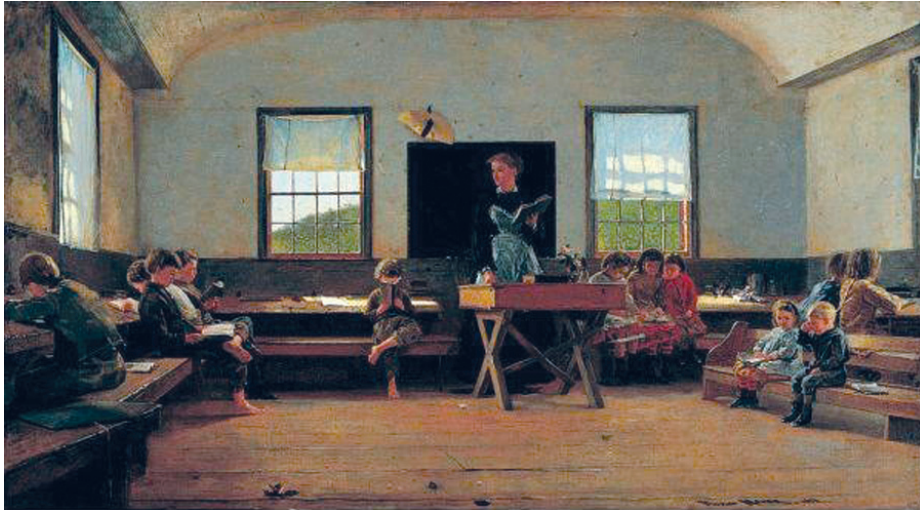
For how long might a "fine-structure constant" within an evolving universe appear to remain constant? Could we believe in the impossibility of some existence of a species possessing the specific quality of life which parallels the systemic distinction of the principle of the Noösphere from that of the mere Biosphere, as in the case of a species with systemically voluntary powers of creativity, such as our own, but not of any species presently known to us but mankind?

This points to the notion of a species with cognitively creative powers for discovering and incorporating functions of higher than presently human expressions of consciously motivated creativity, as this might be expressed by a type of species whose modal functions are situated within a species which has none of the hereditary characteristics of our own species' modes. Are we to presume that the principled quality which we associate with the human Noösphere could be expressed by a species whose apparent biochemical composition and origins are more or less distantly distinguishable from the set of zoölogical biologies known on our own planet, or within the bounds of a different stellar set than that our own experience shows thus far?

The crucial question which I have intended to pose by my remarks here thus far, is: could the characteristic function of creativity in the discovery of cognitive principles, be replicated in a species with a different biology than that which encompasses the evolutionary emergence of a human cognitive type of being on Earth? Or, to restate the same point in another fashion: is there a principle of evolutionary biology which transcends even radical differences from the biology on Earth, but nonetheless replicates the accomplishment of the evolutionary principle shown by the creative developments of the cognitive functions of human biologies on Earth presently? In other words, is that cognitive function we know on Earth, one which is subsumed by Earth biology; or, is the presumably human-like cognitive function (despite mere appearances) superior to the specificity of all Earth-bound-like life-forms to be found as specific among radically different kinds of biologies than those associated with the apparent form of life on Earth?

The Creative Option!

I have strong indications, as implicit in what I have written in **Principle or Party?**, that such "parallels" must necessarily be treated as a serious possibility as an option. The fruits of the argument which my just-stated,



"Creativity, when realized in practice, is not simply individual, but social; it involves the transmission of creativity from members of one generation, to later generations." Shown: "The Country School," by the American painter Winslow Homer (1871).

contacts with other living, also possibly cognitive species, might be better obtained. Is it not the case, that the principle of life, even that of creative cognition, presents us with a truly fundamental principle of our universe?

This is, by no means, an idle proposition. Consider the following line of argument.

Human Life on Earth

As I had introduced the following conception, publicly, to the question-period of a national webcast of this past September 30th, the specifically known distinction of mankind from all relatively lower forms of life on Earth, is, manifestly, that the human species is absolutely different than all other, presently known expressions of living creatures. The remaining question is, is there a category of species in the universe which is superior to our own on such accounts, whatever the estimated form of its actual existence?

provisional thesis here indicates, will not necessarily lead us directly to suitable answers to such questions; but, might present us with a greatly improved, approximate insight into what mankind actually represents.

Accordingly, therefore, these subjects must never be considered as merely matters of some idle conjecture. We must consider what is urgently at stake for essential practice by our own species now, in our quest for the answer to the ostensibly speculative question which I have just posed. For, in respect to discovery of that principle of *life-per-se* which permeates our many galaxies, it is of grave concern for all mankind, that we discover those principles of creativity which we must entertain in our considerations, and must do this because the principle of life *per se* might show us cases of galaxies in which the universal expressions of the principle of characteristics of life-per-se are to be recognized, as V.I. Vernadsky has already demonstrated, by both the principle of life *per se*, and by the principle of the Noösphere *per se*, that the relevant principle to be employed for comparisons.

Therefore, we have the inhering, lurking mission of possibilities which implies tracing the experience of human life into that future development of some cognitive species which the specific model of mankind-on-Earth has yet to have touched. This is not a mere matter of curiosity; it bears on the principle of choice through which the destiny of species within entire galaxies, including places within our own present galaxy, presented as choices of options suited to the intellects of future

relatively lower forms of life on Earth, is, manifestly, that the human species is absolutely different than all other, presently known expressions of living creatures. The remaining question is, is there a category of species in the universe which is superior to our own on such accounts, whatever the estimated form of its actual existence?

This matter of difference presupposes, and, reposes within, uniquely, the role of a unique quality of the range of behaviors of living species existing under radically different qualities of creatures. This unique quality is expressed, most typically, in the unique quality of the functions of *those human mental processes' specific quality of creativity identified as an existence of creativity-in-principle*.

This question then turns in what I suggest here must be a most interesting fashion.

This notion of creativity-in-principle points toward the implied existence of an agency, by means of which, discoveries of principles-of-human-action, transform the human species for us, as if into a higher form of life, yet, without changing the characteristic set of ostensibly biological distinctions of the human species presently defined by us as such. Permit us to employ that conjectured distinction upon which qualitative leaps in human, willfully specific, *noëtic* mental behavior, which effect qualitative advances in the performing mental powers of the relevantly affected portion of the human population might be considered as occurring.

I point to the consideration of an imagined, evol-

able series of species, each with cognitive powers, but of a different biological-evolutionary track than the range of evolution of species of Earth, or of a set of such species situated more broadly than our own, but, one which might be enabled to bring about an evolutionary enhancement of its own powers, that accomplished as virtually, a series of species superior to the evolutionary track-set within which the human species itself might have wished to be considered as the effect of an evolutionary upward-leap in mental-creative powers.

The question is not unanswerable; but, it reflects possible tracks which, while not yet adopted, must not be regarded as proffering a hint of simple certainties.

Take a Relevant Case-in-Point

Turn your attention to my replies to questions which were presented to me during the referenced, September 30th National broadcast. Before we come to the matter of specifying the biological design of a species with something akin to human creativity, focus attention on the function of human creativity itself. We are in search of a model of breeding of a species which lacks any obvious similarity to the biological model of a *human-like form* of quality of creative powers, but which does not otherwise have a similarity to a human form.

Translated into simpler language: can there be a creature which can be developed into exhibiting a creativity comparable to the human patterns of creativity, and yet lacks an adduced biochemistry consistent with any design among the species identified with the habitation of Earth?

That implies, that where the human genotype is the only known model which is capable of demonstrating forms of creativity specific to the human species, can we find acceptable indications that a species entirely unlike the Earth-bound series of types provides a model in which, a principle equivalent in performance as a species to human-like creativity, provides a model of creativity which subsumes a collection of entirely different organizations which exhibit creativity of a type which is comparable to mankind as a quality of function, but exists in chemistries which are not coherent with any presently known biological model? Challenge your opinions: “Could a planet be our living neighbor, with, in effect, *an efficiently virtual mind* of its own?” Is mankind itself, not already such a planetary “neighbor” of some other planet?

That much said on that account, return to my September 30th remarks on the subject of human creativity.

Would such a creative planet-being be a truly creative being, as a human individual is —*with the quality of “a soul?”*

What Is Creativity?

That said, return to the case I presented in my reply to the questions addressed to me this past September 30th. Ask the question again: “What is creativity?” Or, the same point better said: “What could be human immortality?” The answer is not far distant from experimental knowledge, but that is true only if one thinks appropriately.

We humans have, so far, obtained life-spans in the order of approximately the span of a century when measured in Earth years of age. In successful models of society, the modal life-span of the human individual will tend to be longer as mankind’s culture advances, as, for example, in physical scientific practice, and also tends, in that way, toward a higher net rate in production of manifest creativity. The use of the term “human individual creativity” reflects an advance in the relative, net productive powers of what were fairly termed “the realization of what is tantamount to a revolutionary increase in the principled quality of productive powers.”

In brief, this recurrence of such successive, qualitative advances in mental powers, as those on which I have implicitly speculated here, poses the following question. Without an accompanying change in the genetic type, what best distinguishes the essential, general form of a model difference of man from beast, but might be a product of development of a species, or, more significantly, even forms of life outside those of even our galaxy with such potential capabilities, which is not of our own biological track of origins. It might be regarded as a “spiritual evolution” into a higher variety of a species, or even, in effect, an advance into the quality of the evolutionary transformation to the same effect as that were that of evolution into becoming a higher species “biologically,” rather than the development of the presumed human mind as such, rather than any other aspect of the biological genotype itself as such.

My own recent publications and related work on the subject-matter of human creativity, present fair approximations of a truer than so-called “conventional” meaning of human creativity. The following relevant considerations come under consideration.

This manifest creativity, when realized in practice, is not simply individual, but social; it involves the transmission of creativity from members of one genera-



EIRNS

“The clearest cases of a type of curative quality of ‘Classical’ inculturation, are related to emphasis on the specific role of Classical metaphor, as that role is typified by Classical modalities in music, poetry, drama, and architecture.” Shown: Teatro de Estada Cuarteto Ensemble Clasico; Mexicali, Baja California, October 1998.

tion, to later generations. It is also expressed by the growth, and also the growth of the productivity and fertility of relevant populations. It has an additional, essential characteristic: the potential rate of creativity must be increased with successive generations. Creativity is, in effect, the fruit of the interaction of minds, rather than the secretion of individual brains. It is shared among generations, but also across the span of successive generations. Those two considerations are the essential facts which make the crucial difference about everything we must consider.

I shall return to those latter, broader considerations at a later point in this set of chapters.

II. An Escape from Reductionism

The central theme in this present chapter of the report, is, although in a limited degree, an echo of my argument in Chapter II of **Principle or Party?**

In effect, the immediate advancement of the given human species into the equivalent of a biologically “higher species,” occurs along a unique pathway of what is not an evolution of our bare biotype as such, but is a qualitatively induced change in the performance of that subject-matter of the human, a change without any foreseeably significant requirement for a specifically

biological change in the human genotype itself, otherwise. It is consciously voluntary expressions of a combination of scientific, and comparable cultural progress unique to our known human species, which are chiefly responsible for a seemingly “biologically hereditary” set of upgrades in the manner and quality of the behavior of that specific, human genotype. This is the fact which should be our leading concern in our immediate discussion here, within this present chapter. Such is the first, immediate consideration in respect to the subject of *human creativity*.

There is much yet to be discovered in this domain of practice, but as the critical importance of the notion of a vicarious hypothesis, led Kepler to the basis for the subsequent discovery of the proper principled

notion of an ontological principle of discovery employed for the discovery of universal gravitation, it is not sense-perception as such which leads to discoveries such as Kepler’s uniquely original discovery of gravitation; it is what is properly identified as a universal physical principle of metaphor, which shows the proper ontological approach to the discovery of physical reality, as opposed to mere sense-perception. I had stressed this earlier, in “Chapter II: The Human Credit System,” in **Principle or Party?**

For our purposes here, we must focus on cases which lie, demonstrably, in the media of a type of successful sequences of promotion of what might merely seem to be the functional equivalent (i.e., *performance*) of evolutionary advances in *the human individual behavioral prototype*, rather than a nominally genetic change as such. This fact is a reflection of that uniqueness of the human species which is the source of, and expression of, the true, humanly specific quality of human creativity lacking in all other species of existence presently known to us.

The most significant among what should be the preferred trends in such behavioral advances, have been usually expressed in terms of the standard of those Classical modes, of physical-scientific and artistic culture, which should be preferred as our focus here, at this moment. I emphasize this policy and its practice, as to

be contrasted, most emphatically, to genetically induced changes. It has been the *culturally induced* modifications, much, much more than *genetic* changes, which have been, manifestly, the relatively most frequently determining factor of the effects of what might appear to be the virtual breeding of the progressively willful quality of development of the individual human personality, whenever such progress actually occurs.

Thus, in dealing with mankind, it is the frequent role of culture, especially progressive expressions in culture, which we must emphasize, rather than what are merely formal biogenetics. Of that, the earlier, and the more pronounced, the better: especially, respecting the more readily, and frequent the incidence of the manifest advances in human cognitive prototypes, as distinct from the processes of some customary standard for the merely genetic product of selective physical breeding of human offspring.

Indeed, the cultural trends in the younger generations of the post-World War II generations, especially since the so-called adolescent and young-adult “Baby Boomers” have been, in the main, increasingly decadent, and in chiefly downward motion morally and intellectually, during these present times. This is a trend which has converged predominantly, on the wide and worsening condition of what has become, intellectually, an almost destroyed, large portion of the younger generations of our young adults, adolescents, and children.⁶

Accordingly, my own successful, diagnostic references to related subject-matters, which are emphasized in my recently published *Principle or Party?*, present those among us here with the image of a system of available, potential successes. These are diagnostic successes, either for better or for worse, of a form which is a matter of essentially intellectual life, rather than specifically animal-biology-likeness-driven advances in the creative potential of each among successive human

6. I emphasize, for this moment, that this type of a set of trends toward degeneracy among the relevant aspects of contemporary society, is not simply attritional in their characteristics. The problem this trending process represents, has characteristics which have more of the character of a evil and infectious disease, than merely an expression of attrition. The use of the term “evil,” expressed in the form of an infectious disease, rather than “wear and tear,” is required. “Induced insanity” were often the best of suggested terms for reference. The case of the virtual copy of the Emperor Nero, in the instance of President Barack Obama, properly falls under the same general categorization of such personal mental-social disorders of those cases which are both mentally and morally ill in that degree.

generations. These are advances which point toward those more relevant issues considered in this report.

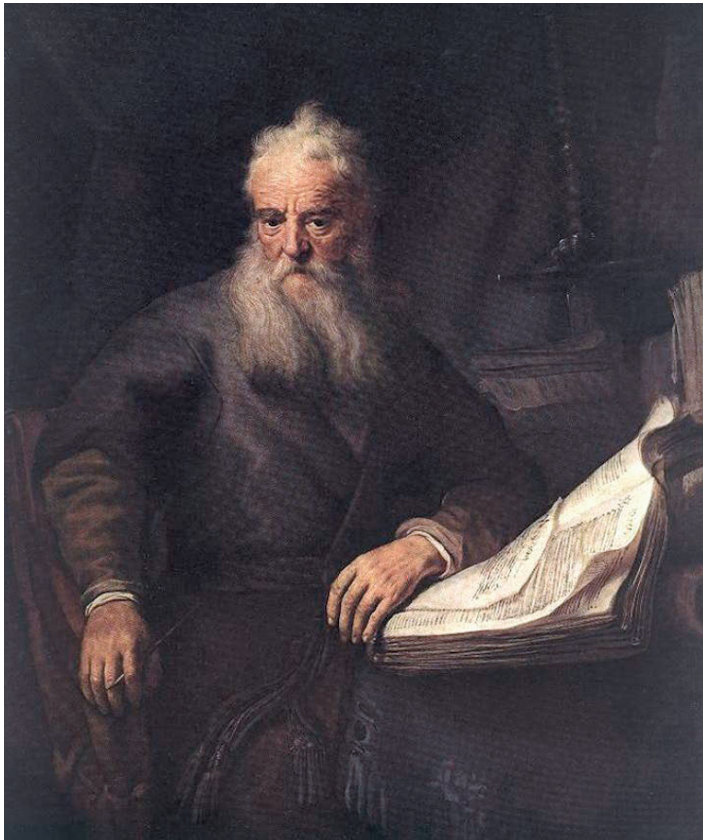
So, from the comparative perspective of a view of the recent four generations of this past century, but, especially, since the post-World War II, “sixty-eighter” generation, the most clearly defined quality of factors in human breeding, is the role of, or, in the alternative, the relative absence of what is referenced as the recent generations’ decline in use of the practice of “Classical humanist” practices in the culture of the young human individual. This has been a decline motivated by the increasing influence on society of what is often to be referenced as an increasingly pathological condition of what is often to be seen as so-called “popular” expressions of “culture,” rather than biological factors otherwise defined.

In contrast to recent, post-President John F. Kennedy declines in the quality of popular culture, the clearest cases of a type of curative quality of “Classical” inculturation, are related to emphasis on the specific role of Classical metaphor, as that role is typified by Classical modalities in music, poetry, drama, and architecture. In this matter, the issue here is as much a matter of what were properly defined as “morality,” as knowledge. So, as the ghosts from **Das Spukschloss im Spessart** (1960 German film comedy) had insisted repeatedly: “*the important thing is ‘the effect’.*”

I have referenced that point repeatedly, in various ways, in the earlier sections of this report, and in the central point of my opening argument in Chapter Two (“The Human Credit System”) of **Principle or Party?**

Any competent understanding of mankind in the most relevant and durable aspects of the shaping of recent history, especially in respect to the spread of what is termed “European culture,” seems to pivot on the rise of modern civilization out of the period of awful warfare during the interval 1492-1648.

I do not wish to seem to distract from the actual progress of mankind in extended modern European history (since A.D. 1401), but excepting a certain quality of cultural trend, modern civilization’s contributions to mankind generally, and of present trans-Atlantic cultures most emphatically, must be judged as having included important, “objectively” undeniable successes for our human species, including some outstanding aspects of European physical science; but this has often occurred under the sway of what is fairly regarded as the failures caused by chronic stupidity-in-fact, or, even outright evil.



“We do not know the actual universe directly, but only through the means of help provided by those shadows which are merely sense-perceptions, which we know, as the Apostle Paul said in his I. Corinthians 13: ‘Now we see through a glass, darkly.’” “The Apostle Paul,” by Rembrandt van Rijn (1635).

Once the content of this immediately preceding paragraph, has been included in what is taken into account by us, this far, our study assumes two aspects. On the one side, there is a species called humanity, which is distinguished from the beasts by a human creativity of a type echoed in the best features of certain ancient cultures; but, this occurs at the same time that history is shaped by a contending, deeply entrenched force of evil. This has been a quality of evil known as the oligarchical principle, the oligarchical principle which is best known today from knowledge of its role in the ancient history of the peoples of the Mediterranean and immediately adjoining regions.

On this account, the history of European culture and its trans-Atlantic roles, is the most convenient selection of studies needed to gain an understanding of this history of the struggle of humanity against the oligarchical principle of evil which is expressed today most typically by the study of the history of oligarchical imperi-

alism. That imperialism has been opposed by such conveniently typical examples as the tracing of the principles which inspired the leading features of Europe’s Fifteenth-century, Florence-centered Renaissance, the Renaissance which appeared over the course of the Fifteenth Century through the rise into the great Florentine Renaissance, as that may be traced in its origins through the A.D. 1401-1464 life-span of one of the greatest intellectual figures in physical science and statecraft of that time, Cardinal Nicholas of Cusa.

This was the same Cusa, who proposed and inspired the rescue of a systemically endangered modern European civilization in many successive ways, including the establishment of the foundations of modern physical science, as typified by his **De Docta Ignorantia**, and by his initiative for preventing any freshly-corrupted European civilization’s plunge into what became the extended, modern religious warfare which has dominated the world increasingly over the interval A.D. 1492 to the present date. This is, in principle, also the role of warfare, now, as then, which hovers at this moment as the British empire’s intent to unleash global thermonuclear warfare through aid of the British takeover of political control over the trans-Atlantic system of a continued tradition of the Roman Empire which is presently embodied in its more recent incarnation, in the present, British, monetarist form of Empire recently embedded in the intentions of the imperial British Inter-Alpha Group of finance.

The centers of western and central European nations have prepared themselves for the present “Armageddon-like” state of implicitly terminal warfare, by abandoning both human reason and national sovereignties for a policy of intended global genocide, a policy intended to reduce the human population as a whole, and that rapidly, from a present seven billions souls, to not more than one billion, all aided by such threatened actions as a thermonuclear warfare presently centered in Eurasia, but global in implications and effects.

The present, lunatic targeting, with complicity of the Arab League, against Syria and Iran, signifies, essentially, the use of the “new Balkans” region of Southwest Asia as the pivot for a global World War III. The assembly of military forces centered in the U.S. capabilities for launching thermonuclear warfare throughout Eurasia and beyond, is being directed under a Brit-

ish imperial mere puppet, U.S. President Barack Obama, all done in a manner according with the explicitly stated, British imperial oligarchy's intent to reduce the present world human population, quickly, from a present level of seven billions persons, to not more than one.

The particular pivot of the crisis so identified, has been the immediate intention of the British empire to bring to an end the existence of our United States, and on behalf of the included intention of preventing an agreement of collaboration among such notable natural partners as the United States, Russia, China, and other readily recognizable nations. Such collaboration would eliminate the possibility of keeping this planet under the reign of that ancient oligarchical system of the nominal Olympian Zeus, an oligarchical system which is embodied as a traditional cultural factor of the legendary oligarchical tyranny in European and extended history up to the present time.

One might ask: "Why that new 'world war' at this time?"

Why the "Third World War" Now?

This present, great intellectual/cultural crisis of mankind at this moment, could not have come into existence had the world's rightly designated "great reigning fools," not been driven by the existential fears gripping the present British empire.

It must be taken into account, that the British intention of incorporating a true world empire according to the ancient Roman model-in-general had failed, up to this time. This was the failure of that which they had attempted, repeatedly, in their repeated efforts to secure their permanent imperial role against the effects of the successful alliance of certain great powers of Europe to assist the United States's coming into existence, as that occurred since the time of the British victory in the so-called "Seven Years War." It had been this role of Europe in the American Revolution, which had prevented the fulsome establishment of a British world empire during that time.

Thus, for that reason, and for reason of those and related circumstances, the victory of the British East India Company interests in the February 1763 "Peace of Paris," had been cheated of its intended global-imperial goals, through the continued eruption of the pent-up effects of the establishment of the temporary, relative independence of the Massachusetts Bay Colony.

Do not accuse the later plotters of the intended Brit-

ish Empire gathered around Lord Shelburne, of being stupid in this matter; they were, and remain as having been a witting, and very knowledgeable, neo-Venetian factor of immensely evil intention and guile. To be specific, the heirs of Venice's Paolo Sarpi which were constituted as the same Netherlands-based "New Venetian party" which had orchestrated the ruin of Louis XIV's France, then went on to put into power the New Venetian organization's agent of maritime power, that William of Orange around whom the foundations of British imperialism were set into continuing motion, through the action known as "The Seven Years War," to become an intended, modern world empire in the Roman imperial tradition, a tradition which remains the British monarchy's legacy through to the present day.

The American revolt which emerged to the surface in the wake of the 1763 Peace of Paris, was a creation of the legacy of the Massachusetts Bay Colony of the Winthrops and Mathers, which had been defeated for a time; but, nonetheless, the American patriots continued to represent the then ancient foes of the same evil of England's King Henry VIII and of that Henry's own Venetian masters in fact. Since the steep decline of Byzantium, since the death of Charlemagne, and the rise of the Venetian control exerted through the brutish barbarism of the Crusades, a new style of the Roman empire was on the way to being hatched.

Modern imperialisms and related kinds of reigning leaderships may not be utterly stupid; but the representatives of the imperial tradition of the oligarchical tyrannies have a certain kind of "Achilles heel," which blinds most of the world's governments, still today, respecting the nature of the processes of deliberation among peoples, by means of which the emergence of, and the multi-generational persistence of the notions of the actually multi-generational plottings of the course of history are, inherently, so prolonged as they have been. It has been such that the span of the successive incarnations of the Roman empire's oligarchical system has persisted as an impassioned intention embodied, re-occurringly, in successive generations.

The intention of nations may be affected, sometimes even strongly, across the span of successive generations, even when the persons who represent each of a sequence of leading layers of an intention rooted commonly in each of a succession of ruling generations, are controlled in the behavior of each as under the control of an overreaching, common sort of collective organism. On this account, the importance of the "individu-

al's personal will" in actually shaping history, is often greatly exaggerated.

In certain respects "ideas," even "principled ideas" are "genetic" within a large range of each among a number of particular, heritages, and successive generations, rather than by individual personal idiosyncrasies of the individual, or the current generation. Usually, only those who understand this fact, and very few, presently, have been enabled, this far, to recognize the characteristic distinctions of the intentions of, specifically, the individual mind as such, as to be distinguished from the collective, virtually "genetic" influences whose influence spans successive generations of leading currents within and among entire cultures.

The case of the United States itself, is an excellent measuring-rod to be used in aid of the effort to distinguish the clinically definable implications of characteristics of current national cultures, from the influence of cultures over successive generations. On this account, the usage of "grandfather clause" is more revealing, as in a sense of scientific "forces," than many would actually recognize. Should we not suggest the recognition of a distinction between what are relatively immediate passions and principles from broader and longer scales of societies' development?

For example, the history of the emergence of our United States, goes back deeply into the developments of Europe's Fifteenth Century, even to the impetus of Dante Alighieri, and, thence, the spectacular power for influence of the legacy which erupted in the beginnings of the Fourteenth-century Renaissance, as follows.

Metaphor Is Modern Science

The following argument is most crucial for science.

The actually competent forms of conceptions of economic and social progress, and the related conceptions of human creativity, both depend absolutely on that which is also the fundamental distinction of human from beast.

This is the same principle also designated by the competent use of the term *metaphor*. The proper use of that term, *metaphor*, is the recognition of what is otherwise identifiable as *specifically human creativity*. It is the expression of a principle which is systemically antithetical to the attempted elevation of the notion of what is merely a failed, deductive attempt to simulate a principle of creativity. The ordinary practice of deduction is antithetical to a true notion of a physical-scientific method.

Creativity, as premised on the true principle of metaphor, has been typified in any competent practice of modern science as being the method by means of which the original discovery of a principle of gravitation, by Johannes Kepler, was actually effected. We must em-

In certain respects "ideas," even "principled ideas" are "genetic" within a large range of each among a number of particular, heritages, and successive generations, rather than by individual personal idiosyncrasies of the individual, or the current generation.

phasize, always, that the only other appropriate name for this method, is nothing but *the universal physical principle of metaphor*, as Kepler employed precisely that method for his uniquely successful discovery of the principle of universal gravitation.

Since the urgently needed discovery of this principle of metaphor, is the expression of a crucial conception of any competent practice of science, clarity in this matter must be firmly secured, as by aid of the following exemplary observations.

Deduction and creativity are mutually antithetical notions. Science is produced by human minds, not blackboards, as by methods which were known to Carl F. Gauss, but which he avoided stating publicly, for relevant political reasons relevant to the nature of those times.

That needed principle of scientific discovery, had been already established for modern physical science by Nicholas of Cusa, and was practiced with meticulous pleasure by Cusa's follower Johannes Kepler, which was richly enjoyed by their follower Gottfried Leibniz, and has been treated with rich enjoyment in practical effects left behind by successors of Leibniz such as those whose names I had emphasized earlier in this present report.⁷

However, that much said, it should be found helpful

7. Since the Fifteenth-century Renaissance, throughout modern history, there has been an ebb-and-flow of alternating periods of relative progress and decadence in the notions of what has passed for science. Since the assassination of U.S. President John F. Kennedy, especially since the assassination of his brother Robert Kennedy, there has been a net, long-term, accelerating decline in the quality of what has passed for the teaching and practice of physical and related science.

to study the third section of Bernhard Riemann’s habilitation dissertation with special emphasis, in which the fallacies of deductive models based on sense-perception are shown to have been systemically nonsensical in respect to matters based upon faith in sense-perception; this was the same error adopted by the dupes of that implicitly predatory hoaxster, Euclid.

The principle of metaphor serves today as the only means of access to truth despite the prevalent error lodged in the presumption that faith in the senses serves as the typical means of representation of the experience of scientific truth.

As I had emphasized in Chapter II of **Principle or Party?**, human sense-perception as such, is not a representation of the actuality of that which we might imagine is truth; sense-perception as such is more in the order of a shadow cast by an “unseen” reality. The actual notion of *metaphor as being a physical principle*, is a direct reflection of the essential character of scientific fact. The integrity of Johannes Kepler’s method of vicarious hypothesis, as extended by the subsumed, uniquely discovered result expressed in his discovery of a universal principle of gravitation, is, as Albert Ein-

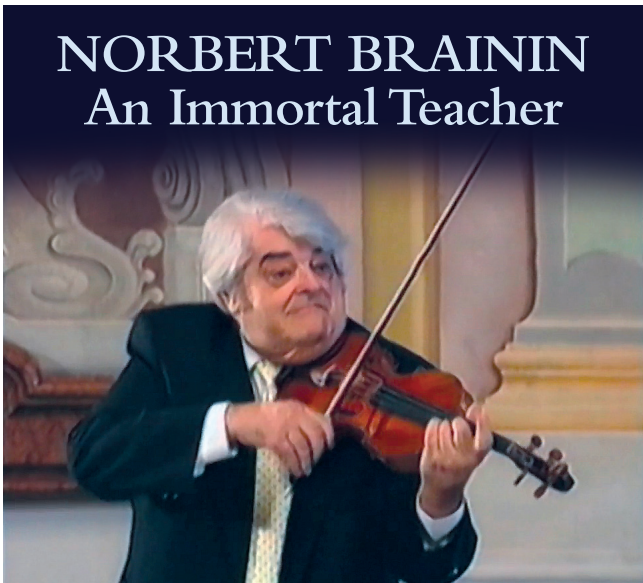
stein emphasized in his own choice of terms, the identification of “a universe which is finite, but not bounded;” this is among the clearest of the scientific demonstrations of proof of the fundamental principle of the notion of an actual universal physical principle.

The customary error in many classrooms, on this account, is to be recognized as a reflection of the same fraudulent method which underlies such cases as not only Euclidean geometry, but also related forms of reductionist systems.

As Bernard Riemann emphasized in his 1854 habilitation dissertation, the universe is not bounded by such considerations as the mere measurements of human sense-perceptions. As Riemann insisted there, sense-perception does not supply the extremes of the knowledge of the very large or very small, nor does it define the ranges, nor the quality of effects associated with other expressions of our own sensible types of direct, or indirect experiences. Hence the fundamentally systemic characteristics of the discrepancy between mathematics and physical science.

We do not know the actual universe directly, but only through the means of help provided by those shadows which are merely sense-perceptions, which we know, as the Apostle Paul said in his **I Corinthians 13**: “*now we see through a glass darkly.*” *We do not “see” that which casts the shadow of our world, but only that shadow itself which comes to us in the image of the likeness of the image in the mirror whose original image remains to be seen by us. We know the truth, as much as we are enabled to do so, through the manifest principle demonstrated by the patterns of concentrated effects which mankind’s mind presents not to only mankind itself, but upon both mankind and the universe which mankind experiences in that fashion.* Such is the central point of the argument made by Bernhard Riemann in both his 1854 habilitation dissertation, and in the ontological, higher principles of geometry expressed in his related 1857 **Theorie der Abel’schen Functionen**. The same point is made, to a higher level of related effect, in Academician V.I. Vernadsky’s development of the notions of the Biosphere and Noösphere.⁸

8. It is notable for our references here, that, during the latter decade of his life, Academician Vernadsky had correctly adopted the standpoint of Bernhard Riemann as coherent with his own. This connection has the same implication introduced by Bernhard Riemann, and is congruent with my own treatment of the subject of ontological certainty expressed in my expression on the subject of the method of both Riemann and Vernadsky, as I have identified this matter here thus far in this report,



NORBERT BRAININ An Immortal Teacher

On Sept. 20-22, 1995, the Schiller Institute sponsored a series of seminars/master classes, featuring Lyndon LaRouche’s close friend and collaborator Norbert Brainin (1923-2005), the first violinist of the legendary Amadeus Quartet. The seminars, held at the DolnáKrupá castle in Slovakia, trace the revolution, begun by Hadyn’s discovery of *Motivführung*, through the works of Mozart and Beethoven. The 40-minute LPAC video is a montage from the seminar; the full videos can be found at: larouchepac.com/culture.

<http://larouchepac.com/node/20178>

More on The Principle of Credit

Now, return to three crucial precedents. The second such precedent was the establishment of the principle of credit, as I had presented that referenced in replies to questions at the close of my National Broadcast of September 30, 2011, and, as in “Chapter II (**The Human Credit System**),” of **Principle or Party?**, of October 21. Whereas the third precedent, which had been the general principle of a credit system, was that which was also adopted by me from my study of the original publication on this subject. that based on the argument by the leading Nineteenth-century American economist, Henry C. Carey. This is also notable, in that connection, for reason of the fact that Carey was a key figure in shaping the economic policies of both President Abraham Lincoln, and was also a principal U.S.A. advisor for the design of the brilliantly successful economic revolution of Germany’s Chancellor Otto von Bismarck.

However, return our emphasis to the first of these three, because of the specific importance of turning our attention to the root of that American System of political economy which was established by the Massachusetts Bay Colony during its period of Seventeenth-century freedom under the leadership of the Winthrops and the Mathers. That was prior to the consolidation of a tyranny under the New Venetian Party’s conquering representative, William of Orange.

William of Orange’s party was the same New Venetian agency associated with a leading enemy of Gottfried Leibniz, the Padua-born Venetian, Antonio Schinella Conti (1677-1749). That Conti had been a relatively long-term Paris resident, but, later, a British agent of Cartesian pretensions who played a leading part, from 1815 onwards, in promoting fraudulent claims as an enemy of Leibniz whose actual role was devotion to the fraudulent cause of his admirer and fellow-hoaxster, Sir Isaac Newton.

As for modern science itself, note the following points respecting the Fifteenth-century birth of modern science, through the transmissions expressed in the successive leading, but somewhat overlapping roles of, first, Filippo Brunelleschi, and, the great founder of a comprehensive principle for modern physical science, the author of the comprehensive definition of modern science, the **De Docta Ignorantia** of Cardinal Nicholas of Cusa. It is essential to begin the actual pre-history of our United States with their exceptional historical rele-

vance, as essential for clarity on the subject being examined here.

The comprehensive quality of Nicholas of Cusa’s founding of modern science, is, chiefly, either very poorly understood, or not at all. This is, despite the fact that all great advances in modern European science to the present day, have been hereditarily rooted in the virtually “genetic” succession of developments in modern science, as through a quasi-genetic succession of such exemplary figures as Johannes Kepler, Gottfried Leibniz, the leading work of the Ecole Polytechnique, the circles of Alexander von Humbolt, Lejeune Dirichlet, Bernhard Riemann, and such followers of Riemann’s discoveries as Albert Einstein and V.I. Vernadsky.

A key part of the problem was identified clearly in the concluding sentence of Riemann’s 1854 habilitation dissertation: to understand physical science competently, we must leave the department of mathematics. I explain, as follows.

The Importance of Sense-Uncertainty

Turn attention to Chapter II of **Principle or Party?**, titled “The Human Credit System.” To sum matters up, accordingly: we do not actually “know” what we sense. What we know, on this account, is, in and of itself, the experience of a reaction by a particular sense-organ itself, and nothing more than that. We never actually know, in and for itself, the object, or the objects, which we have sensed. Our predicament on this account is greatly worsened in the degree that a person presumes that what is known as the experience itself is a discrete object in and for itself.

For example, scientific competence were more likely to begin, however faintly, when we discard ontological presumptions, as that to the effect that the experience is necessarily equivalent to a contact with what our sense-experience presumes were of the self-subsistent quality of a discrete object. We must proceed from the “safer” presumption that there is no actually physical space in accord with the notion of the ordinary presumption that “space” exists in a literal sense. We know a sense-experience, and that more or less poorly, mostly more.

What we are enabled to “know,” from the proverbial start, is that something appears to have happened. We are more or less enabled to distinguish the elements of a repertoire of such experiences, such as the sense-location and specific distinctions of the experience, and to compare a specific experience with patterns of experiences. If we are neat in the manner we borrow presump-

and in the relevant passages in Chapter II of my **Principle or Party?**

tions from sense-experiences, we know that we have experienced something as if by touching an unseen “wall” composed of a complex of sense-perceptual experiences. We may attribute a sense of an object “there,” such that what we actually “know” as a shadow, may be considered as if “known.”

Someone might protest that this arrangement is “unfair” to the person who wishes to claim to know exactly what has been experienced. What were actually “unfair,” were attributing a merely presumed sense-certainty to a shadow of something whose actual identity we do not know.

Consider such a case as that of the man who acquires a sense of friendly intimacy with a hungry crocodile, or simply, believes that the object was an assumed friend, but, which was, in fact, a malicious adversary. The category of persons known as “greenies” presently, typifies persons suffering a powerful love for the same “environmentalism,” a quality of perversion, which, unless rejected, promises the probably early death, or the like, of those who are foolish enough to believe in the dogmas of the “greenie” cult.

I have treated this theme of metaphor more fully, but adequately for reference as I have done here, as also in respect to the most crucial essentials, in Chapter II of **Principle or Party?**

III. Two Examples of Failures

Now, having said as much as that written above as a bench-mark of our investigation, now shift our attention, for a moment, to two relevant, but sharply contrasted cases of failures in science: one temporary, the other systemic.

The first case, is one of the temporary case of the otherwise brilliant Erwin Schrödinger’s notably failed enterprise, **What Is Life?** That book showed the reductionist influence of the Austrian reductionist school of such predecessors as Ludwig Boltzmann, as this was reflected during the relevant period of Schrödinger’s adopted exile from the Nazi-dominated regions of the continent.

A second case, that of a chronic failure, is A. Oparin’s own all-too-“Marxist,” mechanistic treatises.⁹

9. I.e. the British Fabian school of counterfeit physical science led by the British spy and the British Fabian Society’s Frederick Engels, who created the infamous British Ukrainian-rooted intelligence agent

Oparin’s notions reflected the set of Bertrand Russell-related contributions of the cult known then as Cambridge Systems Analysis. Oparin’s ties to the British “dialectical materialism,” as through links to J.B.S. Haldane, were counterposed, and that quite viciously, to the actually brilliant scientific achievements of V.I. Vernadsky.”¹⁰

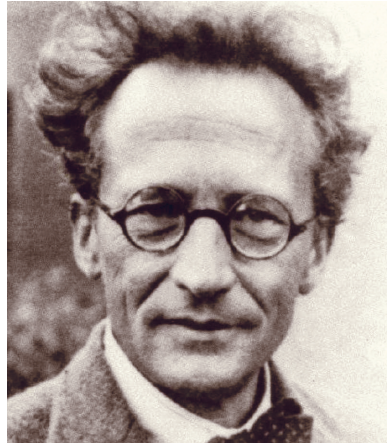
The foolishness shown variously in the two cases, those of Schrödinger and Oparin, is to be recognized as elementary.

Schrödinger’s folly in his 1944 **What Is Life?**, while a serious moral, as much as a scientific error, is the milder offense: an “understandable,” but still regrettable gesture toward a long deceased, misfortunate fellow-Austrian predecessor, Ludwig Boltzmann. The pitiable reductionist’s kind of error in **What Is Life?**, probably would not have occurred, except as a reflection of the stresses of Schrödinger’s stress of having lived in the environment among what he had hated as the Nazi influences reigning among what had been his Austrian fellow-nationals. In the case of Schrödinger, his life’s other work as a leading scientist more than compensates for his errors of his **What Is Life?** The case of the nominally Marxist cronies of the circles of a thoroughly British oligarch Bertrand Russell, includes the far more significant error, and also longer-ranging historically. Nonetheless, both cases have a deep-rooted problem in common.

Oparin’s was a deeply embedded, systemic fallacy, representing the cult of reductionism. His reductionist traits are intrinsically an offense against the principle of science, and therefore, a moral offense as well. The offense of the two on this account, Schrödinger and Oparin had two relatively distinct characteristics, but the indicated errors of both converged upon an ultimately common, ultimately immoral effect; that of Oparin was deep-rooted, as in the case of the British agent Helphand-Parvus, the latter who served the cause

“Parvus” (Alexander Helphand) of both British arms trafficking and revolution-manufacturing “Permanent War, Permanent Revolution,” all done as if out of his role as a British intelligence operation specializing in British arms-trafficking, British-organized wars, and British-intelligence-organized revolutions.

10. Cf. A.I. Oparin on **The Origins of Life on Earth** (1936). Oparin is typical of the British school of Cambridge systems analysis of Bertrand Russell and (more immediately) J.B.S. Haldane. That same dubious “school” of Russell et al., is represented today by the Laxenberg, Austria-based, International Institute for Applied Systems Analysis (IIASA), presently.



*Consider the contrasting cases of two failures: One, Schrödinger's (right) **What Is Life?** was temporary; while Oparin's (left) "all-too-'Marxist,'" mechanistic treatises "reflected the set of Bertrand Russell-related contributions of the cult known then as Cambridge Systems Analysis."*

assigned to him by the British Fabian Society's intelligence agent Frederick Engels, and also the common cause he shared, in principle, with the consummately evil pair of British super-spies H.G. Wells and Bertrand Russell.

In the comparable case of the United States' ideological miscreants, significant commitments to treason among the citizens of our own republic have been, chiefly, a practice directed by a more or less frankly treasonous streak of British influence. That type of treasonous influence is associated chiefly with circles of finance centered in those U.S. merchant-banking social circles typified by the original centers of merchant-banking corruption originally centered in Massachusetts and Manhattan, locations which have been a source of leading contributions to the overtly London-directed, principal, merchant-banking factor of endemic treason within our United States itself, that since the 1763 Peace of Paris, up through the present year, and, presumably, beyond.

Over the course of the centuries since February 1763, the fact of the matter has been what was to become a leading expression of a treasonously inclined merchant-banking network operating within what has become our United States of America, which has been in the main, and virtually from the start, a plainly predatory outgrowth of that particular form of evils, including sundry sorts of free-booting, included the chief part of the conduct of international narcotics traffic, up to

the present day these lines are written. The fact of the matter is beyond reasonable doubt of actually literate, adult men and women; it is only the often devious mechanisms of such treasonous practices, which presently need very serious, prompt, and precautionary clarification.

The most significant element of complication in this matter, is the general lack of competent insight into the real meaning of the physical characteristics of a viable form of national economy, a form which must be employed immediately as a replacement for the hopelessly errant, rampant beliefs respecting the physical principles of either a national, or world economy.

This matter could be explained in sundry more or less useful ways. However, the issues posed by an actually truthful account of the physical principles of a national, or world economy, are a different matter. The best approach to gaining the understanding of the physical principle of economy, is the specific type of physical economy which I had presented in replies to questions posed to me in a National Broadcast of September 30, 2011.

I shall therefore, now, complete this present report by presenting those essential principles of the principle of credit which I had referenced in the concluding portion of the September 30, 2011 National Broadcast. With that case presented, the case treated in this present report as a whole, will have been completed for the time being.

That mission will be completed in this closing chapter of the report, with, first, a summation of the way in which the principle of human life pertains to the actual functions of a human economy, and, second, a closely related clarification of that principle of evil, known as oligarchical monetarism. That has been the monetarism which has been the chief natural threat to society for as far back as relevant forms of known records of economy presently reach. The central feature of the discussion of both matters, is the equivalence of a notion of public credit to the essential goals of protecting our human species from past and recent threats of human extinction.

The Practice of Human Creativity!

I shall now proceed to the concluding, principal points of this present report, a relatively fulsome presentation of the point which I presented briefly through answers to questions in the conclusion of my Septem-

ber 30th National Broadcast. This is to be recognized, in its fuller implications, as being a relatively fulsome summary of that which had been, hitherto, almost unknown generally, but, nonetheless, is an expression of the absolutely crucial principle of human creativity.

For initial purposes of pedagogy, the typical notion of human creativity may be expressed in first approximation, as a correlative of an effect of an increase of the “relative energy-flux density” of power driving a process, as defined by a specified notion of relative magnitude. To be more precise, the proper general principle is a discovery of a qualitatively improved mode of action, whose effect may frequently be measured approximately as a gain in order of qualitative magnitude of effect.

A convenient view of such qualitative effects, is provided by study of advances in effective power of living processes, as that is typified, paradigmatically, by the historical evidence of the general evolution of living species on Earth during the recent half-billion years.

For the purposes of this report, we emphasize the human form of expression of such creativity, “measuring” the effect as one generated by means of specifically human creativity. In this report, our choice of subject is the comparison between the quality of creativity expressed by an upward evolution of quality of living species and discovery of principles of action, as distinguished from mere relative quantity of action as measured in terms of energy-flux-density equivalents.

The generally guiding, rule-of-thumb conception for this purpose, is the quality of effect underlying a relevant type of adducible, quantitative effect.

The relevant argument which I had presented in answers to questions bearing on these effects during my September 30th, 2011 address, is to be taken as implied throughout the following accounts.

However, we must proceed in this matter with an eye to the manner in which V.I. Vernadsky treated the defining of the qualities of action, as this point is illustrated by V.I. Vernadsky’s definitions of the respective qualities of the principles of *life-as-such*, such as the *Biosphere* and *Noösphere* respectively.

That much now said here on account of the array of immediately foregoing qualifying remarks, we shall now subsume the content of the entirety of the immediately foregoing discussion under the title of *The General Principle of the Science of Physical Economy*.

This is now to be correlated, henceforth, with a sub-

suming notion of a general principle of *Human Creative Biophysical Space-Time*. This latter notion can be fruitfully identified with *A Subsuming “Creator” Principle of Universal Action*, under which what is actually human creativity, as such, is subsumed, *as in Vernadsky’s implicit notion of the Noösphere*.

All of these notions just assembled here on the subject of human and related creativity, imply the defining of the existence of a universal system which is to continue to be defined.

Back to My Thesis of September 30th

The present report, now going to print here, and also its immediate predecessors of the Spring and Summer of this presently concluding year, have emphasized the need for establishing “physical space-time,” rather than “clock time,” as a standard, and, with that, repudiating all that is associated with such follies as that of the reductionist’s “clock time” of Pierre-Simon Laplace, et al. The event presented as a National Broadcast of this recent September 30, 2011, became the occasion for a formal introduction of the notion of the distinction of physical time, rather than the intrinsically misleading practice of what had been long regarded, mistakenly, as the use of “clock time” as a standard of measure for what, on the contrary, are actually physical processes.

It has become more urgent to settle a certain question, respecting the argument of Laplace and others, which has been the case, apparently, never known to have been recognized by the scientifically relevant general public before the present time. Although this need might be classified under the general notion of a correction which should have been made before recent times, recent and global political-economic considerations, have made my reform presented here a practically urgent matter.

The argument for such actions has been cumulatively manifold. I limit my argument, here, for that, to points of practical physical-scientific and closely related qualities of urgency. I would place special priority on the need to free science of the crippling effects of the demonstrably fictitious notions of linear (actually non-existent linear) space, and of the notion of linear time. My own special point of concern and emphasis in this matter, pertains most immediately, to the grave, practical importance of superseding the intrinsic folly of the use of clock time, rather than physical time, as a proper measure of physical performance of national and world



EIRNS/Stuart Lewis

In LaRouche's Sept. 30 webcast, he presented the concept of "physical-space time," in contrast to "clock time," "as a proper measure of physical performance of national and world economy." Here, LPAC Basement research team member Meghan Rouillard in a dialogue with LaRouche, during the webcast.

economy. The need for the execution of such a change is now much more than merely urgent. The need is global.

The nature of the error of Laplace et al. on this account, is much more than merely evident.

A Galactic Point of View

The application of about a half-billion years of history of life-forms and related evidences bearing on life's developments within Earth and the Solar System, and certain pieces of galactic evidence, have conveyed a predominantly biological quality of crucial evidence of the action of physical time, rather than "clock time." The advances in the evolutionary development, as marked by the history of life-forms, have provided a gauge for biological "clock time," which has aided us greatly in defining the principled notion of a "clock of evolution" operating within our universe.

However, once that part of the evidence is taken into account, the evolutionary history of the evolutionary physical-economic progress experienced, and sometimes apparently reversed, has enriched our capacity to define an approximate "clock" for the history of our galaxy. The combined comparison and contrast between evolutionary rates, forward and sometimes apparently backward, in the development of society, shows us evidence of the way in which the human will, contributes what we are obliged to regard as a still higher, sometimes relatively contradictory quality of lawfulness in human creativity than is to be experienced among lower forms of life.

In the meantime, all of today's rather popular notions of the evolution of human economy and its effects on the world it inhabits, are demonstrated to have been, in the largest degree, utterly nonsense, especially when the relevant evidence is considered scientifically. The systemic folly of Laplace's erroneous notion of time, is not merely in error, but essentially ridiculous.

Although the occurrence of two of the three questions to which I replied on September 30, 2011, had a certain element of coincidence in their appearing on that specific occasion, the points I made in reply to those two questions, were already deep-rooted in the history of my discoveries as an extraordinarily successful long-range forecaster in the

matter of economies as considered from the vantage-point of physical-scientific, rather than what has been repeatedly demonstrated to have been inherently incompetent, statistical forecasting.

Certain more notable experiences than that fact of the recent six decades of my experience of concern with the nature of physical-economic processes, have been developments which followed my unique success in forecasting the Summer 1971 general breakdown set prominently into motion by the effects of the assassinations of President John F. Kennedy and his brother Robert. The most distinctive, relatively immediate effect of those assassinations, was the setting into motion of the systemic reversal in the direction of the conspicuous, and also systemic character of the continued decline of the U.S. physical economy since 1968, up through the present moment of a general breakdown-crisis in the trans-Atlantic region of the planet.

In effect, the trend of the trans-Atlantic economies since the assassination of President John F. Kennedy and the consequent decline of the role of France's President Charles de Gaulle, has been systemic, rather than a coincidence in any meaningful sense. Mistakes may cause accidents, but systemic errors of policy among nations may cause virtual, or actual "new dark ages" of mankind, or worse, as now.

Thus, the time has come, at this page in the still ongoing report, when we must briefly shift our attention from that pattern of the 1963-2011 span of the long trend of decline in the trans-Atlantic region, to concen-

trate attention on the root-nature of a relatively brief economic depression, in a long-ranging, systemic breakdown-crisis which now appears, retrospectively as a continuous decline of the 1963-2011 interval of the trans-Atlantic region of economy.

The Crisis of 1963-2011

The first step toward the present great depression in most of the trans-Atlantic sector, was the death of President Franklin Roosevelt. The proximate, apparent cause of that moment of decline, was the role of President Harry S Truman as a traditional Wall Street stooge, who had been imposed on the position of U.S. Vice-President as a British-dictated price for Franklin D. Roosevelt's fourth election to the U.S. Presidency. The turn had come with the successful Normandy landing of the Allied forces, since which the British monarchy has resumed, and continued its traditional evil imperial role as the leading enemy of the continued existence of our United States.

By the time of President Dwight Eisenhower's run for the U.S. Presidency, especially Eisenhower's role in shutting down the Korean war, President Eisenhower had secured a number of signal victories over our ever-treacherous, British imperial partner. President John F. Kennedy's dealing with the "Cuba missiles crisis," permitted President Kennedy to settle into a scant few fruitful years against our British adversaries and their traditional Wall Street accomplices. The Anglophile alliance struck back with the assassination of President Kennedy. Although certain precious elements of the policies of such as President Kennedy and veteran Generals Eisenhower and MacArthur, were still influential, the British empire, and its Wall Street accomplices, wrecked the U.S. economy through the continued wasting warfare modeled on British weapons-and-war trafficker Alexander Helphand ("Parvus"), as in Britain's world wars, wars in Indo-China, and in fraudulent wars like those, recently, in the traditional Sykes-Picot traps of Palestine, Iraq, Afghanistan, and so on.

The British monarchy created Adolf Hitler, with the help of Wall Street's Prescott Bush (the father of U.S. President George H.W., and grandfather of George W., Jr.), and, then, sought to weaken the United States, after the bleeding done during a decade in Indo-China, with the new Alexander Helphand-style rage of British imperial "Permanent War, Permanent Revolution," in the present tradition of British agent

Alexander Helphand. Meanwhile, the British monarchy and its Wall Street agents, worked to destroy the United States itself from within, and with the help of the notorious "68ers."

At this very moment, under the mere puppet-Presidency of the British monarchy's Barack Obama, the United States is being "taken down" by the British monarchy, and by its mentally deranged, Obama puppet, that in a literally mass-murderous fashion.

Thus, in brief, we have the history of the United States' principal, British imperial afflictions, since (actually) the assassination of U.S. President William McKinley, through the present time of the British puppet-regime of the U.S.A. under the mentally deranged "Section 4" President Barack Obama.

Essentially, the afflictions of the United States are dated historically from origins in that reign of William of Orange in Britain which secured the virtual crushing of the Massachusetts Bay settlement. We Americans had, nonetheless, taken the road back toward freedom, in the break with the British empire in-fact newly established in the 1763 Peace of Paris, and more emphatically in 1776-1782. The British empire, for its part, has been working to the intended end of destroying our independence ever since that time, even during temporary alliances with the United Kingdom as during "World Wars" I and II. Anton Chaitkin's **Treason in America**¹¹ tells enough of the true story to make an overwhelmingly clear case for the prudent and rational.

To understand the presently deadly conflict between our republic and its principal enemy, the British monarchy, still today, we must brush aside the sentimental kindergarden fables still taught to the credulous and the outrightly silly. Since no later than the ancient Peloponnesian War, there has been a radiating system of empire dominating the Mediterranean and its shores, and spreading out, from the establishment of the original Roman empire, through the present, fourth, reincarnation of the Roman imperial tradition represented, still today, by the imperial British monarchy.

My own approach has been that of the most successful economic forecaster on public record in recent decades, that since my first significant forecast, in Summer 1956 of the deep recession which hit in late-February, early March of 1957. This record has had a certain, cru-

11. See Anton Chaitkin, *Treason in America: From Aaron Burr to Averell Harriman*, 1998 (<http://www.larouche.com/pubinfo.html#BOOKS>).



LPAC-TV

Sky Shields and Alicia Cerretani discuss the anti-entropic nature of life, and its relationship to creativity as an all-pervasive principle of the universe, in the LPAC video “Evolutionary Potential” (<http://www.larouhepac.com/node/17607>).

cial significance. I explain the crucial point to be made, as follows.

I have always premised my economic forecasting (primarily) on physical-economic developments, rather than monetarist-statistical methods. Since approximately February 1953, my approach has been shaped by the influence of Bernhard Riemann’s 1854 habilitation dissertation, especially, first, the opening paragraphs, in which the disease of popular economics is exposed, and, in that concluding section which defines the core principle of a physical economy. *Essential national infrastructure, like production and distribution of food and essential products otherwise, including essential physical services, are physical realities, rather than monetary exchanges. In the end, it is the physical factors of economy, including the essential feature of knowledge of physical science and human history, which determine the physical effect upon the nation and its population, which count. For purposes of determining a nation’s and the world’s actual destiny, only such physical realities affect the outcome of economic policies of practice.*

In fact, the system of money may work to good or bad ends, depending upon the quality of physical management which is applied. It is the physical-economic effect, and nothing else, which is capable of defining the end-result for either a nation, or the world at large. It is the British imperial system of today, of which a sane world must rid itself now.

The Realities of Economic Growth

As I have referred earlier to my associates’ defining of the patterns of life on Earth during the recent half-billion years, all known processes of life-in-general known to us on Earth during that lapse of time, have depended on patterns of biological evolution which generate higher forms of life, to supersede the old. The general measurement of this effect, is a rate of continuing physical increase of the equivalent of the “energy-flux density” of the processes which life represents.

The patterns so defined by standards of success or failure of the maintenance of existence of life-forms, depend upon the need for a standard of a relatively constant “flow” of changes expressed as qualitative improvements in the specifically creative-mental habits of the human population. With mankind, this requirement shows two distinct, but interrelated factors: resistance to the “wear and tear” of the *physical passage* of time, and outpacing of the inherent attrition in any established level of productive performance in society, that more or less as this occurs among living species generally. Thus, mankind’s progress requires the establishing and improvement of net gains in the equivalent of science-driven forms of revolutionary scientific-technological progress in the increasing rate of energy-flux density of the productivity of society per capita and per cross-sectional portion of the ongoing capital intensity as measured in such included terms as rising energy-flux density of application of the physical quantity and intensity and heat.

That standard has the following, crucially significant implications. There are two, leading, interdependent “factors” in this process. First, the rate of increase of the energy-flux density; second, the rising rate of the increase of required energy-flux density determined by the requirements of the human species’ successfully continued existence. This defines a required rate of anti-entropic transformation, as required to maintain a net constant rate of existence of growth under the given preconditions, as compared to the variable rate of in-

crease of *the required increase* in mean energy-flux density.

This implies a notion of a required, determined *physical time* as such, as opposed to a notion of clock-time. “You are where your action places mankind on the map of rates of growth, stagnation, or decline on the world physical-economic-time map. What you must accomplish in time to maintain the successfully continued existence of the human species, defines a ‘physical time,’ as distinct from a mere ‘clock time.’” Thus, whatever the actually changed degree of requirement, changes the location on the “clock” of physical-space-time for our human species.

What man must do, and where mankind must go to do it, defines a variable magnitude of required physical space-time, a value which Laplace chanced not to know.

Man’s Role in Man’s Destiny

Once we have defined a zero-balance as a standard of reference for defining physical space-time, as stipulated above, we are presented with the challenge of the human species’ ability to avoid slipping backwards in a movement pointing (forwards or backwards) in physi-

cal time. The net effect means where man is dwelling on the galactic map of relative physical-economic space-time.

This brings another, crucial factor of the history of our universe into play: the actual economic history of the economy of mankind. The crucial consideration for we inhabitants of Earth, is where we stand momentarily at present, but, also, at what rate we are moving forward in relationship to physical time’s relative “zero point.” Here, we are obliged to focus on the willful action of human beings, the action which, in net effect, determines whether mankind is moving forward, or backward, in a relative standard physical time, as distinct from what is presently accepted as “clock time.” It is the advance of human time, relative to an absolute relative physical time, which defines the net productivity of society relative to those changes in the universe of other than human causes in the general rate for that society.

What is then crucial, is the role of increase of energy-flux density per capita and per square kilometer in society, in the equivalent of these considerations. The universe is increasing its equivalent of movements to “higher speeds,” and it is our duty to keep running ahead of those speeds, even by giant leaps.

LPAC-TV Weekly Report



Each Wednesday afternoon, Lyndon LaRouche sits down with LPAC-TV Weekly Report host John Hoefle and two guests from the “Basement” scientific team and/or the LaRouchePAC editorial staff, for an in-depth discussion of the most important issues of the week, be they political, economic, strategic, or scientific.

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A Call to Action Against World War III

by Helga Zepp-LaRouche

In view of the danger of a military strike against Iran and Syria, Helga Zepp-LaRouche, chairwoman of the Civil Rights Solidarity Movement (BüSo) in Germany and founder of the Schiller Institute, issued the following call on Nov. 19 to all governments, that they publicly declare that their country will not, under any circumstances, take part in a war against Syria or Iran. And the dynamic underlying this war danger must also be eliminated, namely, the collapse of the financial system.

International Appeal: On the Eve of World War III

“I’m afraid that this thing is going to be a *fait accompli*. . . . It’s just going to happen one morning: We’re going to wake up, and the strike has been conducted.” Those were the recent remarks to *EIR* by Gen. Joseph P. Hoar (ret.), former Commander-in-Chief of the U.S. Central Command, on the danger of a military strike against Iran.¹ Only a few days afterwards, Nikolai Markarov, Chief of the General Staff of the Armed Forces of Russia, warned that Russia could be drawn into a regional nuclear conflict, and that it could escalate into a full-scale war. And quite a few American military officers have been warning about the “incalculable conse-

quences” of an attack on Iran. Leading Mideast specialists have long been warning that any war against Iran would mean World War III.

When a threat is so terrible, so unimaginable, that it surpasses normal human comprehension, the human psyche has the tendency to suppress this reality, out of self-defense, as it were. And the idea of a Third World War, in which weapons of mass destruction will be utilized, is certainly just such a case. With the war against Libya, and now the threats against Syria and Iran, many are sensing that something terrible is in the offing. They’re experiencing a *déjà@ag vu* effect—that they heard this very same propaganda during the run-up to the Iraq war—and they admit that they simply don’t want to watch or listen to news reports anymore, since those are merely warm-ups for the planned hostilities.

But it’s better for us to think the unthinkable, because only if individuals and governments can paint in their imagination, in excruciating detail, just what the consequences will be of a global war involving the deployment of ABC [atomic-biological-chemical—ed.] weapons, can we effect the change of course that can avert this war danger—five minutes before midnight, so to speak. It is a fact that there exist forces who believe that the reduction in population caused by such a war, down to 1 or 2 billion people, is a desirable result. But what would life be for those who did survive? And even if one or another of us were among the survivors, would that be cause for rejoicing? Or wouldn’t we

1. See *EIR*, Nov. 18, 2011.

rather be cursing that day, wishing that we, too, were among those already dead?

The purpose of this call is to shake the public awake, and to appeal to those in positions of influence to do everything conceivable to prevent this war. We call upon governments to emulate Denmark's Foreign Minister Villy S@tosndal, and to declare publicly that their country will not, under any circumstances, take part in a war against Syria or Iran. And secondly, the entire dynamic underlying the war danger must be eliminated, namely the approaching collapse of the trans-Atlantic financial system, and of the euro in particular.

The Economic Cataclysm

"Financial Cataclysm Threatens Europe's Core Nations," "Only Germany Is Secure; Everyone Else Will Go Under," "The Fatal Euro Domino Effect," etc.: With one news media headline trumping another with horror

scenarios, the end is indeed near. The latest trick was an attempt to get Germany to commit *hara kiri* by having it agree that the European Central Bank (ECB) will open up its mega-money sluices and take over all government bonds of Europe's insolvent countries, as well as all toxic "securities" held by private banks.

The ECB as the creditor of last resort: That is a deadly sin against monetary stability—and also a flagrant violation of the ECB's own statutes! So, welcome to hyperinflation *à la* Weimar 1923—only this time not in just one country, but in the entire trans-Atlantic region!

'Regime Change' in Europe —

Regime change has not only long been the standing policy against rogue nations anywhere in the world, but it is also the tried-and-tested weapon against any European government that refuses to cut its citizens' living standards by 50%, and to lower their life expectancy

Russian General Warns Of Possible Nuclear War

Nov. 17—Gen. Nikolai Makarov, the chief of the General Staff of the Russian Armed Forces, stated today, "I cannot rule out that, in certain circumstances, local and regional armed conflicts could grow into a large-scale war, possibly even with nuclear weapons." Addressing the Russian Public Chamber, a Kremlin advisory body which includes numerous policy heavyweights, Makarov stated that "Russia could be involved in a conflict where weapons of mass destruction could be used... The possibility of local armed conflicts virtually along the entire perimeter of the [Russian] border has grown dramatically."

Makarov was referring specifically to NATO's expansion eastward since the collapse of the Soviet Union—including efforts to get Ukraine and Georgia to join NATO—as well as the U.S.-led plan to place missile defense systems along the Russian border. But his remarks are also an unmistakable warning in the context of the British-Obama drumbeat for war against Iran and Syria.

Russian civilian officials emphasized this concern. "Russia can prevent a military operation against

Iran," the head of the Russian parliamentary Committee for International Affairs, Konstantin Kosachov, told journalists Nov. 10. "A military operation against Iran could have grave consequences. And Russia should make every effort to control emotions, bring negotiations back into the field of political and expert discussion, and not allow any such action against Iran." The influential parliamentarian went after the new report of the International Atomic Energy Agency (IAEA), noting that it is "surprising that the document deals with the situation before 2003, while accusations are being brought against modern Iran and today's leadership."

Russian Foreign Minister Sergei Lavrov met in Moscow Nov. 9 with Ali Baquer, the deputy head of Iran's National Security Council. After the meeting, a Russian Foreign Ministry spokesman said: "Iran has confirmed that it wants to resolve all outstanding issues with the IAEA. This is incompatible with efforts to impose new sanctions, which will only drive any prospects of negotiations into a dead end."

Also on Nov. 9, Igor Barinov, a member of the Duma's defense committee, compared the IAEA report to the Bush Administration's fraudulent allegations about Iraq's weapons of mass destruction, and said: "We should, in a joint effort with the Chinese, try to prevent the development of events according to the Afghan-Iraq scenario."

through budget cuts in health care and social programs.

Already the governments of Ireland, Portugal, Greece, Italy, and—this weekend—Spain, have fallen victim to this policy. Elected representatives are being replaced by unelected technocrats, such as Lucas Papademos in Greece, Mario Monti in Italy, and the ECB's new head Mario Draghi, all of whom were either directly employed by the infamous Goldman Sachs investment bank, or worked closely with it. The machinations of Goldman Sachs are under investigation by U.S. state attorneys general, and long passages are devoted to the bank in the U.S. Congress's Angelides Report on the causes of the crisis. And the advisors who helped the Greek government falsify its books in order to gain entry into the European Union, were likewise from Goldman Sachs.

Democracy has indeed gone out of fashion in the European Union, and has been replaced by an open bankers' dictatorship. "We don't need elections, we need reforms," opines Europe's "President" Herman Van Rompuy. Did anyone elect *him*?

If we continue along this course of ever more brutal austerity against the population, all in the name of curbing debts which were the result of bailout packages for the banks; if we cede our very last shred of sovereignty to a "fiscal union" or a European economic government, or even to a European political union, then there's going to be a popular revolt against it.

Because there is no such thing as a "European people." Rather, there are 27 different nations in the European Union, each with its own language, culture, and history. Handing over power to a supranational EU bu-

reaucracy whose treaties, procedures, and guidelines, framed as they are in EU-Esperanto, are incomprehensible to those nations' people, will hurl Europe back into a de facto situation like the days before Gutenberg had invented printing, when scholars were the only ones who could deliberate in Latin, while the masses of the population couldn't read anything written in their own languages.

With this EU Europe, we're dealing with an empire, and the problem is that the "pro-Europe" politicians have internalized the logic of that empire. Nowhere was this clearer than in the attitude toward the war in Libya, when former British Prime Minister Tony Blair, French President Nicolas Sarkozy, and others chose to oh-so-quickly forget that it had been only a short time before, that Qaddafi's tent was set up in their capital cities, in order to seal lucrative trade deals.

Straight into the Apocalypse

And what lessons do we draw from the NATO war against Libya—a war which, according to President Barack Obama, was merely a "humanitarian intervention," but one in which a head of state was eliminated and bestially killed, without any legal recourse? Lothar Rühl writes in an article titled "Libyan Lessons" in the *Frankfurter Allgemeine Zeitung*:

"Airborne operations—including, and in the future even more so than before, drones and cruise missiles—are the preferred means for any military intervention. This lesson also holds true for the Bundeswehr's [German army's] planning, which should prioritize all

Danish Foreign Minister: No to War Against Iran

Denmark's new Foreign Minister, Villy Søvndal (Socialist People's Party), is "strongly against any military plans that the United States, Israel, and Britain might think about carrying out, in an effort to stop the Iranian nuclear program," reported the major Danish daily *Berlingske Tidende* on Nov. 10.

The paper quoted Søvndal: "I want to, as strongly as I can, warn against bombing Iran. It will be an extremely dangerous adventure, and Denmark will not participate under any circumstances." He also

warned that a military attack on Iran "will unleash a lot of dangerous forces in the Middle East and other parts of the world."

A week later, Søvndal repeated his statement, saying calls for military action are "dangerous ravings."

Søvndal's position reflects a significant policy change, in that Denmark has been a loyal partner of the United States and Britain in the wars in Afghanistan, Iraq, and Libya up to now. He assumed his post on Oct. 3, after the parties of the left won the national parliamentary elections in September.

Asked about the previous government's Iraq War participation, he replied: "It is unthinkable that Denmark will participate in a war when the justification is manipulated, made up, and isn't true."



EIRNS/Christopher Lewis

The “Occupy Frankfurt” movement on Oct. 27, 2011, at the European Central Bank headquarters. Making the ECB into the “creditor of last resort”—as some are proposing—would usher in 1923-style hyperinflation.

types of airborne deployments with fighter jets, helicopters, and drones.” Rühl then asked, with respect to events around Syria and Iran:

“Time is short. What is our priority for an intervention or a preventive strike?”—a question which he leaves unanswered. That kind of thinking betrays a flight trajectory that is headed straight into Apocalypse.

Humanity’s only chance of preventing the catastrophe immediately threatening us, lies in halting the confrontation course which we have set upon. In our 21st Century, there is no conflict which cannot be solved by diplomatic means. War cannot be an option, because it risks the extermination of the human species.

The European experiment—i.e., the creation of a

monetary union among completely diverse nations which definitely have not represented an “optimal currency zone,” and which won’t be able to do so in the foreseeable future—has been a failure. The honest and responsible thing to do, is to admit this, and to draw the relevant conclusions.

There Is a Way Out

There is very certainly a way out: All EU treaties, from Maastricht to Lisbon, must be cancelled. Europe’s nations must regain sovereignty over their currencies and their economies. Fixed exchange rates must be agreed upon, in order to end speculation against currencies and people’s savings.

A two-tier banking system must be put into place immediately, one whereby only those commercial banks that serve the general welfare and the real economy will be put under state protection. The investment banks, and the shadow banking sector, must immediately make do without taxpayers’ money, and their virtual speculative earnings must be written off. A credit system must finance the real economy and sensible capital investment, according to physical-economic criteria, thereby creating the basis for honoring legitimate claims from the old system.

Instead of heading on a suicidal confrontation course against Russia and China—a course which could only come from a perverse imperial mindset—we must conclude long-term, 50- to 100-year cooperation agreements with these and other nations, on future projects such as energy and raw materials security, large-scale infrastructure and water-management projects, greening of the deserts, expansion of agriculture for a growing world population, and research into the effects of galactic weather on our planet and manned space flight—in short, projects which we could describe as the common aims of mankind.

Nothing less than the very existence of the human species is at stake. Faced with this momentous issue, can we demonstrate that, in Friedrich Schiller’s sense, we are human beings, and not barbarians?

Signed:

Helga Zepp-LaRouche

This call was translated from German and subheads have been added.

Obama's Asia Trip Had Only One Purpose: War on China

by Mike Billington

Nov. 20—The self-imagined Emperor of America Barack Obama, while planning new wars against Syria and Iran, which are recognized by a growing number of international leaders to be a certain spark for global nuclear war against Russia and China, has completed a nine-day tour of Asia which served one and only one purpose: to launch a new strategic confrontation with China, intended to prepare the world for the coming war.

The so-called “justifications” for this global confrontation are as vacuous and deceitful as those used to launch the wars on Iraq and Libya, or for the proposed wars on Syria and Iran. It is the British Empire, through its puppet Obama, which is out to destroy any possible opposition to the world dictatorship of the bankrupt financial oligarchy, and to carry out the demands of the British monarchy to rid the world of its “excess population.” The huge population of China, and Asia generally, are a primary target for their genocide.

The Obama tour included both military and economic confrontation with China; deploying new strategic U.S. forces in Australia and the Philippines to solidify a strategic “ring around China”; coercing Southeast Asian nations to join in a U.S.-guided confrontation with China over territorial disputes in the South China Sea; threatening China over the sovereign control of its currency; and forging an anti-China “free trade pact” among a “coalition of the willing” in the Asia-Pacific region.

In the course of three summits of Asia-Pacific nations over the nine-day period, Obama succeeded in hijacking the proposed agenda of the majority of the Asian nations—which focused on the disastrous global financial-economic crisis in the trans-Atlantic region and its impact on Asia—imposing instead the imperial stamp of the lunatic emperor on his subject nations.

Multiple source reports from people who attended

the various meetings indicate that Obama's imperial demeanor and delusional belief in his own infallibility were even more frightening than the content of his threats of war.

‘Grow Up and Play by Our Rules’

The first of the three conferences, the Asia-Pacific Economic Cooperation (APEC) meeting, was hosted this year by the United States, in Hawaii. Obama, in several speeches to the heads of state and to business leaders, portrayed China as a primary cause of the economic crisis in the West, ranting that China must “grow up” and “play by the rules.” In a private meeting with Chinese President Hu Jintao, Obama “made it very clear that the American people and the U.S. business community were growing increasingly impatient and frustrated with the state of change in China's economic policy and the evolution of the U.S.-China economic relationship,” according to senior White House aide Michael Froman.

Hu responded that in a time of massive economic crisis, confrontation was not wise, but that the U.S. and China must “increase their communication and coordination.” Pang Sen, the Deputy General of the Chinese Foreign Ministry, was more direct: “Whose rules are we talking about? If the rules are made by the international community through agreement and China is part of it, China will definitely abide by them. If rules are decided by one or even several countries, China does not have the obligation to abide by that.”

Obama also used the APEC Summit to push U.S. allies to join the proposed Trans-Pacific Partnership (TPP) free-trade pact, gloating that Japan (as well as Mexico and Canada) had agreed to discuss participation in the TPP during the APEC Summit. Making clear that Obama intends the TPP to be part of a strategic confrontation with China (which is not “qualified” to

join it, according to U.S. officials), Japan's Prime Minister Yoshihiko Noda told the Upper House of parliament upon his return to Japan that the TPP, supposedly a trade pact, would "stabilize the security situation" in the region.

Obama concluded the Summit by instructing China to revalue its currency by 20-25%, stating that the (substantial) revaluation carried out by Beijing over the past years was only due to "U.S. pressure," but that it "hasn't been enough," and that "the U.S. and other countries feel that enough is enough." He even pointed to the lunatic bill passed by the U.S. Senate in October to launch a full-scale trade war with China if it fails to revalue its currency to the Emperor's liking, as proving that China's policy is "out of kilter."

The Emperor, of course, made no response to the constant cry from China and others that the U.S. bailout of the worthless trillions of dollars in gambling debts in the Western banking system is degrading the dollar, driving global hyperinflation, and threatening the economies of every nation on Earth.

Australia and the Ring Around China

Obama's next stop was Australia, where he demonstrated that the new U.S. strategic posture known as "Air-Sea Battle" is in fact aimed at confronting China. The "Air-Sea Battle," designed by the China-phobic Andy Marshall at the Pentagon's Office of Net Assessments, is based on the concept that China's strategic policy is to deny the U.S. access to the strategic regions surrounding China, especially the South China Sea, through the development of anti-ship missiles and quiet submarines (i.e., modernization of their military capacities).

Obama announced that the U.S. will establish a massive military presence in northern Australia, at the Bradshaw Field Training Area near Darwin, with 2,500 Marines, nuclear aircraft carriers and submarines, B-52 bombers, F-18 fighter aircraft, Global Hawk drones, facilities for training exercises, pre-positioning of military supplies, and more. Military officials and others pointed out that the permanent presence in Australia (which is not being called a "base" for political reasons) will be out of reach of Chinese strategic missiles, unlike the U.S. bases in Japan, Korea, and Guam.

U.S. officials do not attempt to hide the fact that the purpose of the base is to prepare for military confronta-

tion with China. Obama, in announcing the new facility, said, "The notion that we fear China is mistaken," and repeated his warning that China must "play by the rules of the world." "My world," he could have added.

The new "non-base" in Australia will give the U.S. a straight shot through the Indonesian islands, only 500 miles away, into the South China Sea and the Indian Ocean.

The Australian Citizens Electoral Council associates of Lyndon LaRouche, issued a statement warning their countrymen that their governments had participated in "every neo-con venture that the British trap America into, from Vietnam to Afghanistan, but now that involves painting a target on itself also, just as Obama is provoking a nuclear showdown."

China agreed. The *People's Daily*, official paper of the Chinese Communist Party, posted an editorial Nov. 16 which said: "Apparently, Australia aspires to a situation where it maximizes political and security benefits from its alliance with the U.S. while gaining the greatest economic interests from China. However, [Australian Prime Minister Julia] Gillard may be ignoring something—their economic cooperation with China does not pose any threat to the U.S., whereas the Australia-U.S. military alliance serves to counter China. Australia surely cannot play China for a fool. It is impossible for China to remain detached no matter what Australia does to undermine its security. But one thing is certain—if Australia uses its military bases to help the U.S. harm Chinese interests, then Australia itself will be caught in the crossfire. Australia should at least prevent things from growing out of control."

The Citizens Electoral Council also succeeded in prominently displaying an "Impeach Obama" poster, with the now-famous Hitler mustache on Obama, at a joint press conference held by the U.S. President and the Australian Prime Minister, in Darwin. The Australian Associated Press, the country's main news agency, sent out a wire photo of the poster, coupling the image in split-screen format with a picture of Obama and Gillard, which was then carried as the lead photo across Australia on Yahoo.news.com.au.

While making his announcement in Australia, Obama deployed Secretary of State Hillary Clinton to the Philippines to release the updated Philippines-U.S. Mutual Defense Treaty, which henceforth will function as a cover for U.S. military targetting of China.



White House/Pete Souza

Obama's Asia tour was intended to target China, both military and economically. Here, Obama reviews the Tri-Service Guard of Honor at Parliament House in Canberra, Australia, Nov. 16.

in Manila Bay with Philippine Secretary of Foreign Affairs Albert del Rosario to sign the new agreement. A senior State Department official travelling with Clinton told the press that the Obama Administration was “now in the process of diversifying and changing the nature of our engagement. We will continue those efforts in the south, but we are focusing more on maritime capabilities.” Clinton told the press that the U.S. policy will be to “provide for greater support for external defense, particularly maritime domain awareness, defensive ones, maritime boundaries ... knowing that there are new challenges and new opportunities for us to be working together.”

Obama, in his speech to the Australian Parliament, referenced the new arrangement with the Philippines as an expanded port for naval operations to confront China's supposed threats in the South China Sea (now called the West Philippine Sea by the Aquino government in Manila). He also referenced expanded basing rights for U.S. naval warships in Singapore and Vietnam.

The Philippines shut down the U.S. bases there in the 1990s, and added a ban on foreign bases to their Constitution. But the U.S. has had a “permanent presence” of troops, drones, supplies, ships, and aircraft in the south of the country since the early 2000s, to support operations against Islamic insurgents in the region. To circumvent the Constitutional ban, the presence is not called a “base”—which is the model being used for the non-base in Australia.

Also, the U.S. has covertly used the Philippine Trench to conceal the U.S. nuclear submarine fleet. The Philippine Trench, which lies within Philippine territorial waters in the Pacific, is one of the only sea trenches in the world deep enough to conceal submarines from detection. Now, the U.S. military presence in the Philippines will shift from a focus on counter-insurgency to confrontation with China.

U.S. Secretary of State Hillary Clinton appeared on the U.S. guided-missile destroyer *USS Fitzgerald*

Southeast and East Asian Summits

Obama's last stop on the Asia tour was Bali, Indonesia, where two related conferences were held sequentially: the Association of Southeast Asian Nations (ASEAN) Summit, including side meetings with the “Plus 3” (China, Japan, and South Korea) and with India and the U.S.; and the East Asian Summit (EAS). Obama's effort to divert the ASEAN meeting to a brawl with China over the South China Sea was countered by several of the ASEAN nations themselves, especially Indonesia, whose President Susilo Bambang Yudhoyono said that, against the backdrop of world economic difficulties, “ASEAN is not in favor of discussing detailed political and security issues at the Summit.”

The *Jakarta Post* also reflected the danger inherent in the U.S. military deployment in Australia: “For Indonesia, or for most Southeast Asian nations for that matter, the move is not exactly the kind of signal that they are looking for in terms of greater U.S. engagement with Asia. The presence of the U.S. base just south of Indonesia is simply too close for comfort.” Indonesia also rejected Indonesian participation in the Trans-Pacific Partnership free trade talks.

Obama was more successful in bringing up the South China Sea dispute at the East Asian Summit following the ASEAN meeting, despite efforts by Chi-

nese Premier Wen Jiabao to keep it off the agenda, by insisting that territorial questions be addressed bilaterally between the countries involved. With Philippines President Noyonoy Aquino providing local cover, Obama tied up most of the meeting with a debate on the issue. Wen responded by repeating his call for Asians to handle the issue without U.S. meddling, through ongoing discussions for a Code of Conduct agreement while the territorial issues are peacefully worked out.

Obama's National Security Advisor Tom Donilon told the press after an unscheduled, informal sidelines meeting between Obama and Wen that Obama was "making clear that Washington was determined to play an active presence in the region to help ensure its stability and peace," and that the "territorial dispute in the South China Sea" is of the greatest interest. He covered his threats by claiming that the United States did not have a view on sovereignty, but was only concerned with "freedom of navigation."

This is a bogus claim. Were it not for the intention to prepare for the global confrontation with China and Russia, the "freedom of navigation" issue would have been moot. There have been no incidents of that type in the South China Sea. There are disputes about fishing rights, ownership of small offshore islands, and underwater resources; and fishing boats and petroleum exploration rigs have been stopped—by other claimants as much as by China—but not in regard to free passage.

"Freedom of navigation has no bearing on disputes among countries concerning maritime sovereignty, sovereign rights and jurisdiction over certain sea areas," Lu Yang, scholar of international relations explained in a recent *China Daily* exposition of the concept of freedom of navigation. "Any attempt to force a connection between these two issues will only restrict freedom of navigation and undermine its independent and open nature."

Not only has China declared multiple times that it has no intention to interfere with legal, free passage, but it has no incentive to do so. Its lifeline—its commerce—is dependent on freedom of the seas.

LaRouche: Remove Obama Now, or Face War

Chinese sources told *EIR* that their public response to the Obama threat has been moderated, but that internally, the leadership and the population are deeply concerned. One source said that a report called "Asian Al-

liances in the 21st Century" issued in July by the Project 2049 Institute, a neoconservative think tank in Washington, has called for an Asia-Pacific version of NATO, to confront China, as NATO was designed to confront the U.S.S.R. The report says that the new alliance is necessary to confront the "geopolitical competition" which is the unavoidable consequence of "the sharp divergence in Chinese and American strategic goals."

A leading Chinese strategic analyst also referenced this Asian NATO, adding that the economy in the West is in a state of collapse, but that President Obama is "not at the wheel." Instead, he is pursuing a strategic confrontation with China which could lead to war, destroying both countries and taking the world with it.

LaRouche released a statement on Nov. 14 stating clearly the motivation behind Obama's insane Eurasian war policy:

"If Barack Obama is not thrown out of office soon, civilization is in mortal danger. The British Monarchy is out to destroy the United States as we know it, and Obama is their puppet instrument for accomplishing exactly that. The overall objective of this London-centered oligarchy is to reduce the world's present population from the current official level of seven billion to less than one billion.

"The British are controlling Obama as their puppet. They are engineering the crisis in Europe to impose dictatorships, and they are behind the wars and threats of global thermonuclear war. They know that their entire trans-Atlantic financial and monetary system is dead. They know that the leading nations of the Asia-Pacific region—Russia, China, India, Japan, and the Koreas—are growing, relative to the rapid trans-Atlantic disintegration. This is totally unacceptable from the British standpoint, and so they are using their puppet Obama to prepare for the United States to use nuclear weapons in a global conflict, already set in motion in the new cockpit for war—the Persian Gulf and Eastern Mediterranean region."

LaRouche concluded: "If a few people in positions of authority step up to the plate and demand action along these lines [removing Obama—ed.], this will already weaken Obama and greatly reduce the immediate danger of world war. This is the true measure of patriotism today."

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International Atomic Energy Agency Report Is Not a Justification for War

*Hans Blix was Minister of Foreign Affairs of Sweden (1978-79); Director of the International Atomic Energy Agency (1981-97); and head of the United Nations Monitoring, Verification and Inspections Commission in Iraq (2000-03). As the head of UNMOVIC, Dr. Blix, along with his successor at IAEA, Dr. Mohamed ElBaradei, fought, right up to the last moment, to prevent the first Iraq War; an effort he recounted in his 2004 book, **Disarming Iraq**. On Nov. 15, **EIR** Counterintelligence Editor Jeffrey Steinberg interviewed Dr. Blix by phone at his home in Stockholm.*



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EIR: Dr. Blix, thank you very much for making yourself available. I'd like to start out just by asking you about the report that has been released by the IAEA. Does this, in your view, represent in any way a justification for military action?

Blix: No, absolutely no. [laughs] I'll tell you what I think is significant about the report, first. I do not see that there is any remarkable new data given. We have heard about much of the information that has come into the IAEA over the last two years from intelligence agencies, and some of it figures here. Until now, the agency's attitude has been, I think rightly, to welcome intelligence from various countries—and they say now it's about ten countries—but they have not espoused them. They have not made them their own, but rather said that these raise questions, and that is legitimate, I think.

This time, they have said that we are comparing what we have received from intelligence, with what we have ourselves, through our safeguards, inspections observations, and what we have got from the A.Q. Khan network (they don't mention it by name, but that's understood); and as we assess these things together, we

find an overall picture of credibility.

Now, that is not perhaps endorsing every piece of intelligence they received, but the overall impression is one, under which they say, there are actions by Iran, which are activities that would be relevant for the development of a weapon. And there are other activities, which they can see are relevant for nothing but producing a weapon.

So this is how far they've gone. It's relatively cautiously formulated. They're not saying that "we assert," "we conclude," that they are going to produce a weapon, because Iran is not there yet. And of course, the last stretch, whether they will make a weapon, is a question of political will. And they do not pretend to know that that will is there.

Now, already this conclusion of the assessment, of course, is a new thing. They have not done so before, and that is what I think was being discussed. One needs to read rather carefully to see that the agency is not asserting that they *are* making a weapon.

Are They Making a Bomb?

EIR: The Russians, and in particular, Foreign Minister [Sergei] Lavrov, earlier today, basically said that since the IAEA is putting increasing reliance on intelligence provided by member-states, he's called for the IAEA to, for the first time, be specific about which countries are making which allegations. And I wonder what your thinking is, in terms of the member-states' allegations. We've been there before with the Iraq case, which you very eloquently described in your book *Disarming Iraq*. Do you see the rhetoric being in sync with the actual evidence in the report?

Blix: Well, it may be that they received information on condition that they do not reveal the source. But I

think they would do well in being very circumspect in judging this evidence. We know from Iraq, as you remember, that the famous case was the alleged contract between Iraq and Niger for the import of uranium oxide, and that proved to be a forgery.

And we have, in this Iran case, a famous part has been talked much about in the past, about a computer that I think was stolen, or it was found, and when it was examined, it contained material which suggested that there was work going on to make a missile sufficient to carry a nuclear weapon, a nuclear device of some kind. We've heard about that for a long time, it sounded like James Bond. And I do not know whether the agency's assessment of the various pieces, whether it's a correct one or not. I hope that they have been prudent and cautious.

But I did notice one piece of information that they gave in the report, namely that there had been a foreigner active and assisting in Tehran, regarding high-level explosions. But this was contradicted from Moscow. The agency's report does not indicate that it was a Russian, but in Moscow, they have a Russian [who] has turned up, and he said, "I was in Tehran, and I lectured on explosions, but explosions that had regard to the production of diamonds." And he denied that he had anything to do with the military program, the nuclear military program. . . .

The main point that I have made, is that there's tremendous attention to two things: One is, are they making a bomb? And the other one is, shall we bomb? And to me, the more interesting question is, what should the world do about what the agency is reporting and seeing?

And then we get into the first preliminary question: Should Iran be bombed? And I'm saying, absolutely not. I think, first of all, it would be illegal, for one thing. Iran is not threatening anybody. They don't have a record of aggression or a record of expansionism. They suffered horribly during a war with Iraq, for a long time [1980-88]. So there is not any sign of aggression. There are statements from [Iranian President Mahmoud] Ahmadinejad and others, which are totally unacceptable, yes! But, I don't think that they are actually a threat, there's no imminent threat to anybody else. So, so much for the legal thing.

There are many, many arguments against a bombing. The first one is that you could have terrible consequences in the Middle East. The Iranians aren't going to sit there and twiddle their thumbs. And you could have belligerent developments in the Gulf—in the Red Sea, the Persian Gulf, with mining; the Iranians have friends

in Gaza; they have friends in Lebanon. So no one knows where a starting of a military event would lead.

And then, certainly, if the Israelis and others don't know where all the installations are in Iran, so some would presumably be left, and if the Iranians had not made up their mind earlier to go for a nuclear device, I think that an attack from the outside would probably lead to this.

In addition, you have a country where there are many different views on this matter, and much criticism of the government, and I'm sure they will unite, in a united front, if they're being attacked from the outside. So, I see many, many horrible possible consequences of an attack.

An Offer Iran Can't Refuse

If ones rules that out, then, others will say, "But, look, the negotiations haven't given you anything." They have tried to get the Iranians to suspend the enrichment program, and they haven't done so, and there have been various sanctions, and it hasn't led to anything. And this is true, but how many people know, actually, what has been offered to the Iranians in this situation? The world is asking them to suspend enrichment, okay. The Iranians must make a cost-benefit analysis: How much do they gain by suspending, and how much will they lose? And I think some of the offers that have been made from the outside world have been quite sensible and quite positive: Of course, the economic sanctions would be lifted; Iran would be free in the financial markets again—they have drawbacks from that that would disappear.

And, very significant is that Iran's contention that the world is trying to deprive them of the benefits of nuclear energy, is not quite correct. Because, what the outside world has asked, through the Five-plus-One,¹ is that they should suspend enrichment and the heavy-water reactor, but they are not asking at all, that they should close their nuclear power program, the civilian program that gives them electricity. On the contrary, they have been, rather, offered assistance from the outside to build more power reactors! So that's very significant.

The outside could also come up with more things, if you want to criticize the outside world for not getting results—because what else could they do? Well, compare what the outside world has suggested to North Korea, and you'll find that North Korea is offered guar-

1. The UN Security Council permanent five—Britain, China, France, Russia, and the United States—plus Germany.



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“There’s a tremendous attention to two things,” Blix noted. “One is, are they making a bomb? And the other one is, shall we bomb? And to me, the more interesting question is, what should the world do about what the [IAEA] is reporting and seeing?” Shown: IR40 heavy water reactor facility, near Arak, Iran.

antees that they will not be attacked from the outside, and I think also, guarantees that there will be no subversion inside. Now, that has not, to my knowledge, been offered to the Iranians, and that would be an important element.

The U.S. has not had diplomatic relations with Iran since 1979, since the occupation of the embassy; again, that could also be something valuable, that would be weighed in a cost-benefit analysis. There could be other things, if you exercise your imagination. There has been blocking of the idea of a pipeline from Iran, through Pakistan, to India. Well, again, that would be something that could be offered in a negotiation, in return for a suspension of the enrichment program.

So, this is one important chunk of considerations, that are not much discussed in the press, where they only discuss bombing or not.

A WMD-Free Middle East

But I have another idea, that is perhaps a little more long-term, and which would perhaps not—certainly would not be accepted by Israel today, and that is, the concept of a zone free of weapons of mass destruction, in the Middle East. The NPT [Non-Proliferation Treaty] Review Conference of 2010 decided that there shall be such a conference in 2012; and if they hadn’t taken that resolution, I don’t think the conference would have

ended successfully, as it did.

Now, there is the decision—and the UN has announced also—that there *will* be such a conference next year, in Helsinki actually, and with a Finnish undersecretary as a facilitator who is working on the concept.

Now, this concept of a zone free of weapons of mass destruction, or as it was originally called, “free of nuclear weapons,” of course had its edge against Israel at that time. The Arab states wanted Israel to do away with their nuclear weapons. And Israel has, over the years, responded: Yes, we are positive to the idea, but only after peace has been reestablished. So, they put it off very far. I think, today, you cannot think of the Middle East, without also considering the Iranian development of an enrichment program and the possibility that gives for Iran, one day if it so desires, to go for a nuclear weapon.

In this constellation, I think there is something interesting. If you were to have a zone, in which all the Middle East countries are participating, including Israel and Iran, and I think also Turkey and Saudi Arabia and Egypt, etc., and they all committed themselves to have neither [nuclear] weapons, nor capability to produce weapons material from highly enriched uranium or plutonium, then Israel would have to sacrifice its weapons capability, to be sure, but at the same time, they would gain the advantage of Iran doing away with its enrichment program, and all the others are committing themselves to stay without enrichment and reprocessing.

And you would have to add to that, of course, very intrusive inspections, and you’d probably have to have assurance of supply of nuclear fuel for power reactors in the region, perhaps security guarantees; there will be all kinds of things that will be required.

If I advance this idea to the Israelis today, they’d probably laugh at it. But the closer the Iranians get to an option of making the bomb, and the more interested Egypt and Saudi Arabia might become, in the future, to start seriously a nuclear program, perhaps including fuel-cycle activities, the more interesting, I think, such a grand scheme, as it were, would be. . . .

What gives me a little optimism, is that, I don’t think that at the depth of it, Iran has a need for nuclear weapons. When you look at history, states mostly acquire nuclear weapons for *perceived* security interests: Paki-

stan-India, India-China, China vis-à-vis Russia and the United States, and so forth.

Also perhaps, to acquire status. It's a great power status. If you're a pariah, or are even pointed to as a pariah, maybe you would like to demonstrate a nuclear weapon.

But, perceived security is the most important, and I think that's relevant. And I think it is wise of the West or the U.S. to say to the North Koreans, that, "If you do away with your nuclear program, we are willing to guarantee that there will be no attacks from the outside and no subversion from the inside." And I think Iran, too, which is treated as a pariah, and which was called [by President George W. Bush—ed.] part of the "Axis of Evil," that they would also feel a need for such assurances, not least after the U.S. had their aircraft carriers in the Persian Gulf.

I would say, about the Obama Administration: I think they have been much more sensitive. It's so often said, that all options are on the table, although they have stiffened the rhetoric a bit, after the Qom affair, when it was revealed that Iran had a second enrichment site. You know, when you say that all options are on the table, it's about the same as saying, "I'd hate to shoot at you, but I can't exclude I'll do it"! And, if I sat in Tehran or in North Korea, and heard that, I think I would be worried.

But then, all the more important that they go to the table with the Iranians, and say, "We don't like your regime. No one in the Western world is enthusiastic about the regime that you have, etc., but we are not going to touch that. That's for you, for your people to deal with that. . . ."

The Israeli Factor

EIR: There's been a series of visits by U.S. officials, the most recent, by Defense Secretary Leon Panetta, to Israel, warning the Israelis not to act preemptively without consultation in advance. But nobody at this point is confident, it seems, that Israel will not take some kind of unilateral action, knowing full well, that they don't have the capacity to wipe out the Iranian program. The bet seems to be that if Israel launches an action, the United States, confronted with a choice between siding with Israel or siding with Tehran in an election season, will back Israel, and essentially come in and finish the job. How serious a danger do you see, of this erupting into a war, given the fact that, as you've said, this will not be a limited or contained war, and has all kinds of unforeseen consequences?



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"Iran is not threatening anybody," Blix pointed out. "They don't have a record of aggression or a record of expansionism. They suffered horribly during a war with Iraq, for a long time." Shown: an Iranian soldier wearing a gas mask during the Iran-Iraq War (1980-88).

Blix: Well, I don't think I would dare to be 100% sure that the Israelis would not do something; but the way in which they've gone about this publicity I think is a little intriguing. I mean, there was practically a description of the discussions in the Israeli Cabinet, and how many were in favor and how many were against. And then there was a discussion about "How could this leak to the media?"

I mean, one certainly could believe that they make use of the IAEA report in order to say, "See how threatened we are? And we must think of an attack." But they know that the outside world does not want it; and the second best would then be a stiffening of the sanctions, and adding some further sanctions, maybe as rather a way of increasing the pressure. But one cannot be 100% certain: I mean, they did destroy the Osirik reactor [in Iraq] in 1981, and they bombed the Syrian reactor that was claimed to be of North Korean design in 2007. So one cannot be absolutely calm about this issue.

But I think one only has to argue with the Israelis: "Look, it's easy to take a dramatic step, but where does it lead you?" I mean, it may not be anything that's very helpful for them. They're fairly isolated now, with the policy on the West Bank. And the Arab world around them is not going to be more positive to them if they attack Iran. So I think there are many good arguments for them to stay away, but I wouldn't bet my head or my arm on how they will behave.

EIR: A final question, if you don't mind: One of the

people internationally, who's been very vocal about the need to take dramatic action against Iran, is former British Prime Minister Tony Blair, who played a significant role in the lead-up to the Iraq War, and he has very strong access to President Obama; in fact, they met at the White House last week.

I think, as you indicated, there's some shift in the rhetoric coming out of the United States, and the President clearly is aware of electoral pressure to side with Israel in the event of some kind of action. What is your evaluation?

Blix: Well, I think that joint philosophy of Blair and Bush in the Iraq War did not really add much pleasure to the world. And, so I hope that the same philosophy will not transpire by osmosis from Blair to Obama. . . .

When you listen to what governments say—Blair is not in government any longer; he lost, very much, because the public resented his action in Iraq. But when you listen to the French and to the Germans today, they are explicitly opposed to military action. [British Prime Minister David] Cameron I think is less clear, what he would do. He hasn't explicitly opposed it. But when you see what happened in Iraq, you can find that the British Foreign Office and the civil service, and the

public, they were highly skeptical about military action.

And Blair went ahead with it for a variety of reasons, and some idealistic, I think, because Blair took the view that great powers should—it was good if they would do away with terrible dictators. Well, if the Security Council decides that in the case of genocide, then I also understand it, but I don't like the idea of great powers sitting there and taking decisions on who is odious, and who is sufficiently odious to be slaughtered by them.

EIR: The danger here is that any action against Iran can trigger a much larger war, drawing in all of the superpowers.

Blix: Yes. Well, Obama has a difficult situation. It's an election year as you say, and the AIPAC [American Israel Public Affairs Committee] lobby is extremely strong in the U.S. To my knowledge, the majority of American Jews are voting Democratic. And I've met many who would be very, very skeptical, I think, against any military attack on Iran. But the Netanyahu government is a government on the rightwing side, and they have strong AIPAC support. And I think that reduces the maneuvering room of a U.S. President in an election year.

Seven Necessary Steps for Global Economic Recovery

A 40-minute feature video presenting Lyndon LaRouche's Emergency Program to End the Global Depression

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1. FORCED RESIGNATION OF BARACK OBAMA & IMMEDIATE PASSAGE OF GLASS-STEAGALL



3. FOR LACK OF REAL ASSETS REMAINING, ISSUE HAMILTONIAN CREDIT FOR NATIONAL PROJECTS



5. IMMEDIATE NATIONAL MOBILIZATION FOR THE CONSTRUCTION OF THE NAWAPA PROJECT



2. DIVISION OF FICTITIOUS FROM REAL LIABILITIES ACCORDING TO GLASS-STEAGALL STANDARD



4. THE ONLY BAILOUTS WILL BE HONEST BAILOUTS FOR THE BANKRUPT CITIES AND THE STATES



6. ENGAGE LATENT LABOR FORCE FOR SUBSIDIARY PROJECTS SUCH AS TRANSPORT AND NUCLEAR



7. EXTEND COOPERATION INTERNATIONALLY TO MEXICO, CANADA, RUSSIA, CHINA AND OTHERS

Liquidate Drug Trade With Glass-Steagall

by Matthew Ogden

Nov. 21—Viktor Ivanov, the director of Russia’s Federal Drug Control Service (FDCS), and a years-long close associate of Prime Minister Vladimir Putin, spoke in Washington at the Center for Strategic and International Studies (CSIS), on Nov. 18.¹ In a presentation to a very high level audience of State Department diplomats, CIA analysts, foreign embassy representatives, Drug Enforcement Administration (DEA) officials, military officers, intelligence experts, FBI agents, think-tankers, Russian and other media (in addition to three reporters from *Executive Intelligence Review*), Ivanov revealed newly assembled evidence which his agency has compiled proving conclusively that the international speculative financial system could not continue to exist if not for the hundreds of billions of dollars in “dirty money” from the drug trade which it actively launders through its biggest banks.

Ivanov caused a major stir in the room by calling for a “drastic transformation of the international financial system,” in order to carve out the dirty money flows, protect the physical economy, and “liquidate global drug trafficking.” The model for such a transformation, he said, must be “a revival of the logic of the Glass-Steagall Act” of the United States in 1933.

Ivanov was in the U.S.A. for the fifth meeting of the Counter-Narcotics Working Group of the U.S.-Russia Bipartisan Presidential Commission, held in Chicago earlier in the week. Head of the FDCS since 2008, Ivanov was previously deputy chief of the Kremlin staff and then assistant to Putin as Russian President. His presentation at the CSIS, called “Global Narcotics Flows and the Global Financial and Economic Crisis,” should be seen as indicative of the policy of the Russian government at the very highest level.

Ivanov illustrated his speech with series of dramatic



Viktor Ivanov, Russia’s anti-drug czar, called for a “drastic transformation of the international financial system.”

graphics, showing the relationship of “dirty” money to the international financial crisis, which is driven by a huge speculative bubble, the growth of which is strangling the real, physical sector of the economy; this is preventing any possibility of global recovery as long as this “paradox” of the world financial system is ignored.

“Assertions about the prevailing role of criminal ‘dirty’ drug money in the global crisis are also confirmed by other numerous evidence,” said Ivanov, “including the data at the disposal of our service. It is obvious and analytically confirmed that the existing financial system, which operates numerous growing financial instruments like options, futures, swaps and other derivatives that fill the so-called ‘financial soap bubble,’ can no longer exist without injections of ‘dirty’ money.”

Banks Are Addicted to Dope Money

The Russian presented proof that less than one-half of one percent of drug dollars from the dope industry are ever intercepted and seized—the other portion of the proceeds from the narcotics trade (greater than 99%) serving to feed the ever-growing bubble. He also stated that his agency had uncovered evidence showing that Afghan heroin profits and the money from the Colombian cocaine trade both follow the same route, going through the same big banks, entering and leaving the same hands, all at the same time.

This is no coincidence, Ivanov said. Wachovia, Bank of America, HSBC, and others, are not only participating in the laundering of drug dollars, through a “welcoming” and “permissive” attitude towards such dirty money activity, but are, in reality, actively seeking out these drug-money flows, as their other sources of

1. *EIR* will provide the full text of Ivanov’s speech in an upcoming issue.

liquidity continue to dry up. “Drug money and global drug trafficking are actually not just valuable elements but, as donors of scarce liquidity, a vital and indispensable segment of the whole monetary system.”

Ivanov stressed, however, that this is not just the isolated criminal activity of a handful of large banks—the symbiotic relationship between the narcotics market and the financial bubble is built into the very nature of the international financial system itself. He cited the estimates of Antonio Costa, the former executive director of the UN Office of Drug Control, on the injection of narco-dollars into major world banks during their liquidity panic in 2008-09. “It is quite symbolic that the high-ranking international official emphasized that it is not a problem with individual banks, but with the general setup of the whole financial system,” Ivanov said.

He emphasized that it’s not enough to try to eliminate the drug supplies, or to police individual banks; we must address this problem in the very design of the entirety of the international financial system itself. And, to do this, Russia and the United States must work in tandem to effect this “drastic transformation of the international financial system.” Only through a close U.S.-Russia partnership can we successfully combat the narco-trafficking/organized-crime/“financial-terrorism” nexus, which now has bigger budgets, more political power, and better armed military forces than some leading national governments on this planet—and which can be traced directly to such terror operations at the Madrid train bombing, and other destabilization operations, such as in the Balkans, Chechnya, northern Africa, Mexico, and countless others, including what is happening right now in the Middle East.

This condition proves that only an international, top-down total transformation of the entire financial/economic architecture of the planet can adequately address this deadly enemy to the security of the nations and peoples of the world.

Spotlight on Glass-Steagall

“To a certain extent,” Ivanov stated in the conclusion of his speech, “we are observing a revival of the logic of the Glass-Steagall Act adopted in the U.S.A. in 1933, at the height of the Great Depression, which separated deposit and investment functions of banks. However, hard restrictions to prevent criminal money attraction are required yet more.

“In other words, liquidation of the financial bubble alone will not be enough. The key way to liquidate global

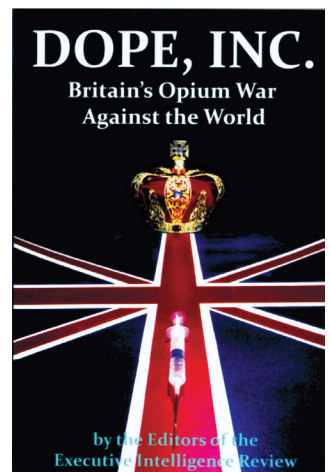
drug trafficking is to reformat the existing economy and to shift to an economy that excludes criminal money and provides reproduction of net liquid assets, i.e., to an economy of development, where decisions are based on development projects and special-purpose credits.”

Ivanov also reiterated the Glass-Steagall principle as the key to the Russian government’s anti-narcoterrorism policy, during the question-and-answer period, in reply to a question from *EIR*’s Bill Jones. Ivanov stressed that it is fundamentally necessary to separate the dirty money flows from the real economy—to “carve them out.” He described the case of a drug addict, who spends all his money and strength on his addiction, while becoming personally unproductive and sick. This is just a microcosm of what happens in the global economy, he said, and the only solution will be for world leaders to agree to make tough and aggressive laws which eliminate the role of derivatives and related speculative vehicles, as the only effective way to counteract the money-laundering and related criminal activity which is currently built into the very nature of the financial system.

DOPE, INC.

Is Back In Print!

Dope, Inc., first commissioned by Lyndon LaRouche, and the underground bestseller since 1978, is back in print for the first time since 1992. The 320-page paperback, includes reprints from the third edition, and in-depth studies from *EIR*, analyzing the scope and size of the international illegal drug-trafficking empire known as *Dope, Inc.*, including its latest incarnation in the drug wars being waged out of, and against Russia and Europe today.



*This edition, published by Progressive Independent Media, is currently available in limited numbers, so there is no time to waste in buying yours today. The cost is \$25 per book, with \$4 for shipping and handling. It is available through www.larouchepub.com, and *EIR*, at 1-800-278-3135.*

Military Mobilizes Against Obama's War Threat

by EIR staff

Nov. 21—With the Congress of the United States having demonstrated its inability to defend the nation, a number of spokesmen for the nation's military tradition, and the related institutions of the Presidency, are stepping forward and speaking out against the danger that President Obama and his British controllers will drag the United States into a new war. Such a war would likely begin as a regional conflict, possible targeting Syria or Iran, but would not end there, as it rapidly escalated into World War III.

In addition to the exclusive interview in last week's *EIR* with former CENTCOM commander, Gen. Joseph P. Hoar (USMC-ret.), other military figures are making their voices heard, as well as others who have a long-time relationship to the defense establishment. They are taking responsibility for the nation's welfare, and clearly also acting behind the scenes.

Taken as a whole, these statements and others, represent an institutional intervention against Obama and the British war drive from the broader circle of institutions surrounding the U.S. Presidency, institutions which transcend partisan divisions, and which are capable of acting in the national interest—in this case pushing back against Obama and London's drive for an insane war.

Obama Defies His Generals

Besides these public warnings, a senior Pentagon source has informed *EIR* of a recent discussion between

two of the most senior generals and Obama, over the threat of a general war, triggered by an Israeli attack on Iran. According to the source, the generals conveyed personally to the President that it is the consensus of the Joint Chiefs of Staff, CENTCOM, and all of the other top military brass, that the Israelis must be told, in absolutely clear terms, that any military attack on Iran is thoroughly unacceptable and would likely lead to world war.

Obama was asked by the generals to convey this message to Israeli Prime Minister Benjamin Netanyahu, and the President reportedly refused. Obama responded that the U.S. has no control over Israeli policy and, if Israel is going to attack Iran, "it would be better for us not to know in advance."

This NerObama insanity puts the world that much closer to Armageddon. The generals reportedly told the President that if Israel attacks, there will be no more than a 72-hour window to force a ceasefire, or face general war.

A second source, who recently attended a meeting with high-level White House staff reported with horror, that the top Obama aides were railing against Russia, China, and the BRIC (the Brazil-Russia-India-China grouping), vowing to "smash the BRIC." It was this kind of NerObama madness that dominated the President's ongoing trip to Asia, in which he put confrontation with China on a front burner with his inflammatory rhetoric and his announcements of expanded American military power projection into the Asia-Pacific theater.



Human Rights First

Gen. John H. Johns (ret.) wrote a New York Times op-ed, in which he cites former Defense Secretary Robert Gates, among others, warning about the “unintended consequences” of an attack on Iran.

If there was any doubt that the only viable war avoidance is the immediate Constitutional removal of Obama from the Presidency, then these highly qualified reports should remove all lingering doubt.

Retired Military Speak Out

On Nov. 14, General John H. Johns, a retired Army officer who is a signator on a Human Rights First letter to Senate Majority Leader Harry Reid warning against the police-state measures in the new defense bill, wrote a *New York Times* op-ed, titled “Before We Bomb Iran, Let’s Have a Serious Conversation.” In the article, Johns cites former Defense Secretary Robert Gates, retired Marine General Anthony Zinni, another former CENTCOM commander, and former Congressman, Adm. Joe Sestak, all warning about the “unintended consequences” of any attack on Iran.

“While rhetoric about military strikes may work as an applause line in Republican debates, there is little or no chance that military action would be quite so simple. Quite the contrary. Defense leaders agree that the military option would likely result in serious unintended consequences,” the general warned.

“Meir Dagan, the recently retired chief of Israel’s Mossad, shares the assessment of the Americans cited above. He noted earlier this year that attacking Iran would mean regional war and went on to say that arguments for military strikes were the ‘stupidest thing I have ever heard.’

“To be clear: everyone can agree that Iran is a seri-

ous problem. The development of Iranian missile technology is credible enough that NATO is (smartly) working with Russia to develop a defensive missile shield. And the most recent report from the International Atomic Energy Agency on Iran’s nuclear program should rally the international community to apply even more pressure.”

The General concluded with a warning to the Presidential candidates: “America ought not consider another war in the Middle East without a very serious discussion of the consequences. Political candidates should curb their jingoistic, chauvinistic emotions and temper their world view with a little reflective, rational thought.”

The statements by Zinni to which Johns referred, were still-valid warnings made by Zinni during a 2009 interview on PBS’s Charlie Rose show; when asked about the consequences of an Israeli attack on Iran, Zinni gave a graphic answer:

“I think the problem with the strike is thinking through the consequences of Iranian reaction. One mine that hits a tanker, and you can imagine what is going to happen to the price of oil and economies around the world. One missile into a Gulf oil field or a natural gas processing field, you can imagine what’s going to happen. A missile attack on some of our troop formations in the Gulf or our bases in Iraq, activating sleeper cells, flushing out fast patrol boats and dowels that have mines that can go into the water in the Red Sea and elsewhere. You can see all these reactions that are problematic in so many ways. Economic impact, national security impact—it will drag us into a conflict. I think anybody that believes that it would be a clean strike and it would be over and there would be no reaction is foolish.”

Others Also Raise the Alarm

Other warnings are coming from individuals from the defense-intelligence community, a key element of the institution of the Presidency; we cite here three examples:

(1) Former CIA officer Philip Giraldi, who is now executive director of the Council for the National Interest, in an article published on antiwar.com Nov. 16, noting that although the U.S. now has a military and intelligence-agency presence of some kind in 175 countries, warned that “there is some evidence to suggest that the White House is looking for still more dominoes to tip over.”

The operation against Qaddafi raises the question of who is next for regime change. “Iran is a perennial fa-

vorite and could be attacked at any time, but it would be a tough nut to crack,” Giraldi writes, “so it looks like the answer might be Syria, where the United States, Turkey, and a number of Gulf Arab states are already supporting and providing assistance to the opposition.” Giraldi describes the war propaganda against Syria in the U.S., noting that these are the same types of arguments that were used against Saddam Hussein. What is going on in Syria is not America’s business, Giraldi says, noting that “Syria touches on no vital U.S. interest and does virtually no business with the United States, and if its government changes it will not have any negative impact on the American people.”

He concludes: “The notion that the United States should be in the business of fixing other governments that we regard as dysfunctional is a slippery slope indeed, unconstitutional in terms of war powers as it is carried out by executive fiat and also prone to result in messy endings, as we have seen in both Iraq and Afghanistan. Humanitarian intervention is a policy that ultimately produces only ruin both for the target of the intervention and for the American people.”

(2) Harlan Ullman, a senior advisor at the Atlantic

Council, to whom is attributed the “Shock and Awe” doctrine, wrote a commentary for UPI on Nov. 16, urging the U.S. and others not to panic over the recent IAEA report. Ullman argues that history shows that Iran’s obtaining nuclear weapons would not be an apocalypse, as some claim. When North Korea detonated a nuclear device, “the consequences were far less than expected.” Similar fears as those being voiced today about Iran, were also expressed about the Soviet Union in the 1940s and China in the 1960s. Again, no doomsday.

Instead of threatening “kinetic action,” the West ought to offer a grand bargain to Russia, Ullman writes. If Russia could convince the Iranians to give up their weapons programs, then the need for missile defenses would disappear. The U.S. could also explore containment and deterrent options with Britain and France, and possibly Russia and China. “But rather than panic, history sets a context,” Ullman concludes. “So does bold thinking. Let us exercise both.”

(3) Veteran investigative journalist Seymour Hersh, writing in the *New Yorker*, a reliable conduit for leaks from the military-industrial establishment, points out that he’s been reporting on Iran and U.S. covert operations against it, for the past decade, especially “on the repeated inability of the best and the brightest of the Joint Special Operations Command to find definitive evidence of a nuclear-weapons production program in Iran.”

“The goal of the high-risk American covert operations,” Hersh continues, “was to find something physical—a smoking cauldron, as a knowledgeable official once told me—to show the world that Iran was working on warheads at an undisclosed site, to make the evidence public, and then to attack and destroy the site.” But it was never found.

Additionally, Hersh cites Greg Thielmann, a former State Department intelligence analyst, who was one of the authors of the recent Arms Control Association assessment of the IAEA report, who says that “there is nothing that indicates that Iran is really building a bomb,” and that the IAEA report has been “aggressively misrepresented” by those who are trying to drum up support for a bombing attack on Iran. Hersh also cites Joseph Cirincione, a disarmament expert who serves on Secretary of State Hillary Clinton’s International Security Advisory Board, who said, “I was briefed on most of this stuff several years ago at the IAEA headquarters in Vienna. There’s little new in the report. Most of this information is well known to experts who follow the issue.”



Sam Vaknin, author of *Malignant Self-Love*, is interviewed in a 46-minute LPAC-TV video, on President Obama’s narcissistic personality disorder, a condition which Vaknin says is increasingly controlling the President’s mental outlook. Agreeing with Lyndon

LaRouche, Vaknin believes that Obama poses a grave danger to the United States and the world, unless he is immediately removed from office.

<http://larouchepac.com/node/19464>

Obama's War Crimes Debated in Washington

by Carl Osgood

Nov. 21—The question of impeaching President Barack Obama for war crimes was placed before the public in Washington, D.C., on Nov. 18. The topic of the debate, sponsored by Ralph Nader's Center for the Study of Responsive Law, was "Bush and Obama: War Crimes or Lawful Wars?" But while the word "impeachment" was only mentioned twice, it was an undercurrent throughout the entire event. For if the answer to the question posed is "war crimes," then the U.S. Congress has the responsibility to repudiate those crimes by removing Obama from office by impeachment.

One side of the debate featured Bruce Fein, who has drafted a resolution of impeachment against Obama; Fein served in the Reagan Justice Department, and as counsel in the lawsuit filed by Rep. Dennis Kucinich (D-Ohio) and other members of Congress against Obama over the illegal Libya War; and Army Reserve Lt. Col. Tony Shaffer, who became famous in 2005 for his exposure of the Pentagon data-mining program known as Able Danger, and whose memoirs of secret operations in Afghanistan, *Operation Dark Heart*, had its entire first run purchased and destroyed by the Defense Department last year. Fein and Shaffer argued that, indeed, Obama, and Bush before him, have committed war crimes in their conduct of the so-called war on terror.

Opposing them were two lawyers, Lee Casey and David Rivkin, both of whom have been collaborators with the Mt. Pelerin Society-linked Heritage Foundation for many years. Their arguments echoed the Hitlerian *Führer Prinzip* theory of emergency rule invoked

so often by the legal theorists of the G.W. Bush Administration, in order to justify that Administration's rapid expansion of executive authority after the 9/11 attacks.

While the debate took place before an audience of several hundred people, and C-SPAN's cameras, there has been, as far as can be ascertained so far, no mainstream press coverage of this important event.

Emergency Powers Theory Debated

To recap: Under the Unitary Executive theory as adopted by Cheney-Bush, the President rules by invoking a state of "emergency," such that there is very little, if any, check on the power of the President to wage war anywhere in the world, against anyone he deems an enemy of the United States. Historically, this theory is associated with Adolf Hitler's *Führer Prinzip*, but actually derives from the imperial principle of international monetary power, as expressed by the Roman, Byzantine, and Hapsburg Empires and, today, the British Empire of monetary interests headquartered in London.

The American Republic was established in explicit opposition to this principle, with its commitment to republican government and a credit system of national development, and was successfully defended, for example, by President Abraham Lincoln during the U.S. Civil War, and again by President Franklin Roosevelt for the entirety of his 12 years in office.

However, U.S. resistance to that imperial principle has been considerably eroded in the post 9/11 period. Unilateral executive power was invoked repeatedly by the Bush Administration in order to wage its so-called war on terror, and has been enthusiastically embraced, even expanded, by the succeeding Obama Administration. Informed by this outlook, the essence of Casey's and Rivkin's arguments were, therefore, that the President can do whatever he thinks necessary in the name of protecting the American people, with few, if any, checks on his power.

The subject of impeachment was first raised by Rivkin, who, when asked what he thought the proper role of the Congress was in war-making, said that there



Wikimedia Commons/Gage Skidmore

Bruce Fein has drafted an impeachment resolution against Obama.

are only two ways the Congress can discipline the President: by cutting off funds for the war, or by impeachment. Otherwise, the President can use force whenever he wants to.

Later, Fein raised impeachment in a different way. The moderator asked him, if the war that the President is waging is, indeed, illegal, what are the obligations of American citizens under the Nuremberg principles. “The first obligation, under Nuremberg is to petition Congress for impeachment of the President for high crimes and misdemeanors,” Fein said. He noted that the Declaration of Independence states that if “the government intends to reduce us to vassalage we have the right to resort to arms and establish a new dispensation.”

The Awlaki Case

The targeted assassination of American citizen Anwar al-Awlaki, on Obama’s orders, was a focus of the debate. Casey, from the standpoint of his Hitlerian theory, claimed that Obama had the right to order Awlaki’s assassination. “If you are a combatant, you are a military target wherever in the world you are,” he said, although with the minor caveat that such attacks have to follow the rules. “Awlaki was an operative” of al-Qaeda, Casey claimed, “Therefore, he was a legitimate target” and his citizenship was irrelevant.

But as Fein noted, the Obama Administration has not produced a single fact showing that Awlaki was engaged in hostilities against the United States. In response, Casey gave away the game when he declared that “when engaged in legally cognizable armed conflict like we are, the government is not required to prove beyond a reasonable doubt that individuals are, indeed, combatants. . . .”

Shaffer raised the Awlaki killing in his opening remarks, countering the assertion by Rivkin and Casey, that the wars since 9/11 are defensive wars. Awlaki was “by all accounts, a pretty bad guy,” Shaffer said. “But again, if we’re talking about defensive war, how far does this pro-active defense extend? And under what authority? Under what authority was Anwar al-Awlaki, as an enemy of the state, assassinated?” The Constitution prohibits the taking of life, liberty, or property, without due process.

“The argument that we have these individuals who are ‘combatants’ is, I find, unsupportable in the Constitution,” Shaffer said. “No law, no rule that I understand anywhere, allows for the government to unilaterally say Anwar al-Awlaki is no longer a citizen, therefore he is

not afforded the protection of the Constitution. Within the context of the Constitution, it is in our interests to prosecute him on the violations.”

The killing of Osama bin Laden, by a CIA-led SEAL team last May, differs from the Awlaki killing, primarily in the fact that bin Laden was not a U.S. citizen, but how much of a difference should that have made? In Shaffer’s view, not much. Shaffer said that, from discussions he’s had with people inside the Special Operations community, he believes that the decision was made at the outset that bin Laden would be killed, rather than captured.

“I don’t believe it was the correct decision,” he said. “I do believe that, in a situation like that, you actually belittle our system. It’s not about him, it’s about us. Our rule of law. The idea is that we capture people.” Shaffer also pointed out that dead men tell no tales. As an intelligence officer, he can get much more information out of a living person than he can a dead one.

The Assault on the Constitution

Fein captured the nature of the Hitlerian unitary executive theory in his closing summation. “I believe the wars have been unprecedented in their assault on the Constitution of the United States, the very first casualty,” he said. “All of our liberties rest upon the benevolence of the President of the United States. Under the principles that we have established and been touted by the opponents, here, a President could go on television, today, and announce that he’s got secret evidence that there’s going to be even worse devastation than 9/11 unless we suspend the Constitution. He’s empowered to detain anyone in the United States that he thinks is subversive at Guantanamo Bay, maybe at Bagram, and he’s going to suspend the entire Constitution because his first duty is to save us from danger! And that would be lawful authority according to the prevailing legal principles that have been announced” by Rivkin and Casey.

Fein called that outlook “frightening” and said “we need to remember that we adhere to certain principles because of what it says about us, irrespective of what it says about the enemy or the adversary. Abraham Lincoln said as he would not be a slave, so he would not be a master. As we would not be colonized, so we would not be colonizers. As we would not want to be tortured, we would never stoop to committing torture or violating the rule of Law. And that’s basically what this is about.”

As World War Threatens, Russia Proposes ‘SDE’

by Benjamin Deniston

Nov. 15—During the LaRouchePAC Weekly Report of Oct. 19, 2011, Lyndon LaRouche said the following on Russia’s proposed revival of his SDI:

“We, in the United States, must actually unite with these nations of Asia. The United States must enter into a cooperation immediately, a virtual alliance, something which Russia is proposing right now.

“From Russia, we’re getting a proposal for a revival of SDI, the Strategic Defense Initiative. It’s coming out of Russia in a new form. It’s based this time on space, on threats from space, and measures that have to be taken in space to defend the people of the United States, and similar kinds of programs. So this is a kind of SDE [Strategic Defense of Earth], which it’s called now in



EIRNS/Philip Ulanowsky

With the brilliant proposal by the Russians to develop a Strategic Defense of Earth (SDE), LaRouche’s original Beam Weapon Defense proposal, which became the SDI, is back on the agenda, and represents “the global impact requirement to save this civilization.” Shown: The U.S. Labor Party pamphlet, “Sputnik of the ’70s,” issued by the LaRouche movement in May 1977.

Russia, which is the equivalent to my SDI definition, back then.

“So SDI is back, my SDI is back in that sense. And the bringing of the United States into a direct alliance with China and with Russia, now, on this program, and other nations coming in, is the global impact requirement to save this civilization.”¹

As Obama has proven himself to be exactly what LaRouche uniquely said over two and a half years ago, namely, a mentally unstable puppet of the British Empire (a virtual carbon copy of the Roman Emperor Nero),² every aspect of his policy continues to be in lockstep with the insane, immediate strategic doctrine of the British Empire: the reduction of the global population from the present level of 7 billion to less than 1 billion through world war against the Eurasian powers of China, India, and Russia. As LaRouche has warned, and *EIR* has documented, the immediate targeting of Iran and Syria is itself a trigger for broader conflict against those leading powers.

However, heard through the nearly deafening drumbeat for World War III, the call for a strategic alternative has echoed from across the Pacific—and from as far back as 1977.

In the context of Russia’s vocal concerns about U.S. missile “defense” systems being pursued in Turkey, Romania, and Poland, Russia’s representative to NATO (and special representative to NATO countries on anti-missile defense systems), Dmitri Rogozin, publicly proposed that Russia and the United States collaborate in the creation of a new global system to defend against not only missile threats, but also to defend mankind as a whole from asteroids and other threatening objects from space, thus clearly raising the focus of international collaboration to much larger issues.

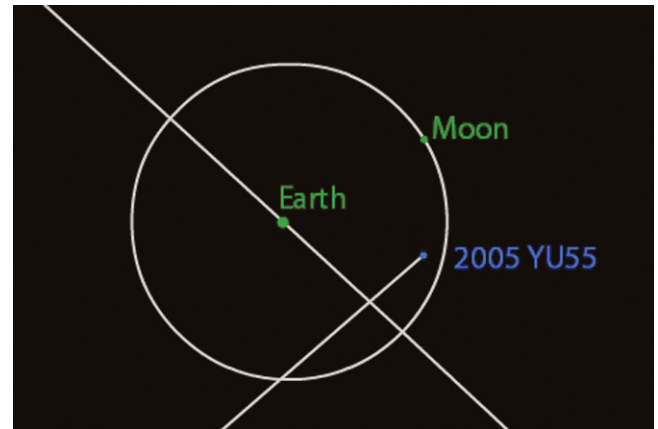
The proposal was covered in the Russian-language *Kommersant* last month, and then picked up by the English-language cable TV program “Russia Today” in an Oct. 18 report titled, “‘Star Wars’ as Alternative to Missile Defense.”³ According to *Kommersant*,

1. The video of the Oct. 19 Weekly Report can be found at <http://www.larouchepac.com/node/19895>.

2. See LaRouche’s prophetic forecast of the Obama Presidency in his international webcast of April 11, 2009 (<http://larouchepac.com/node/20293>).

3. <http://rt.com/politics/missile-defense-earth-nato-085/>

FIGURE 1
2005 YU55



The orbital path of Asteroid 2005 YU55 on Nov. 9, 2011 (For an animation, see http://en.wikipedia.org/wiki/File:2005_YU55_approach_8-9_November_2011.gif).

Russian President Dmitri Medvedev expressed interest in the proposal, and instructed one of his aides, Sergei Prikhodko, to work with Rogozin on the initiative.

The “Russia Today” program appears to play to a bit of populism in placing the name “Star Wars” in the title. The actual name currently being used for the new proposal is the “Strategic Defense of Earth,” SDE, in explicit reference to the Strategic Defense Initiative, SDI—which any serious person knows was LaRouche’s program, going back to 1977.⁴

Asteroid 2005 YU55 and Your Location in the Galaxy

Against that backdrop we have the Nov. 8 and 9 flyby of Asteroid 2005 YU55 (Figure 1). Admittedly, some may debate how much of a “near miss” this particular asteroid was, passing just within the Moon’s orbit of the Earth, but it should be taken as a warning shot, reminding us how vulnerable mankind actually is in our solar and galactic systems.

Since a NASA release last March, the asteroid’s path had been well-known. To quote the end of the re-

4. Originally referred to by LaRouche as “beam defense,” when President Reagan announced his support for the program on March 23, 1983, he did so under the name Strategic Defense Initiative, or SDI. A 2008 LaRouchePAC video presentation, “A Brief History of Lyndon LaRouche’s Strategic Defense Initiative,” can be found at: <http://www.larouchepac.com/node/9196>.

lease, “Although classified as a potentially hazardous object, 2005 YU55 poses no threat of an Earth collision over at least the next 100 years. However, this will be the closest approach to date by an object this large that we know about in advance.”⁵

Take note of the fact that this asteroid was only discovered in 2005, providing merely a six-year warning until its flyby. This raises some obvious questions, for example:

Would six years have been enough time to prepare an adequate defense if it were discovered that the asteroid was on a course to impact with Earth or the Moon?

How many other potentially hazardous objects are out there that we have not found yet?

Still, this is only one aspect of a larger picture. We must take a broader view to provide a better analysis of the threats mankind must come to face, if we wish to secure a permanent place within our galaxy.

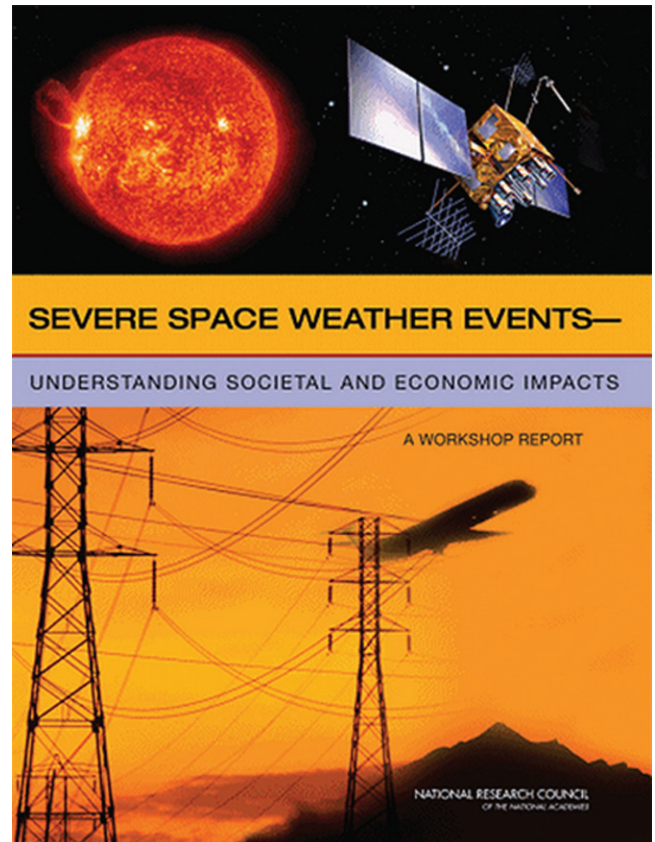
Add to the picture the threat posed by large “solar storms.” A series of reports over recent years have detailed the potential for catastrophic damage to our satellite systems and electrical power transmission systems from the impact of large outbursts of solar activity.⁶ Although the Sun is constantly putting out radiation that varies in intensity, every so often, there can be extremely large singular outbursts which can generate large-scale magnetic and electrical effects if they reach the Earth.

Recent examples of extremely large events occurred in 1859 and in 1921. The reason that there was relatively little damage from those events was that mankind was then still only entering the electrical age. Now, however, the survival of civilization depends on large-scale electrical generation and transmission systems spanning entire continents. These systems can act like huge antennae for the electromagnetic pulses created when large solar outbursts hit the Earth.

5. “Asteroid 2005 YU55 to Approach Earth on Nov. 8, 2011,” <http://neo.jpl.nasa.gov/news/news171.html>.

6. In 2008, a report was published from a National Research Council workshop (under the National Academy of Sciences), “Severe Space Weather Events—Understanding Societal and Economic Impacts.” In January 2010, the Metatech Corporation issued a report (commissioned under the 2006 Executive Order 13407), “Geomagnetic Storms and Their Impacts on the U.S. Power Grid.” In June 2010, a joint report was released by the North American Electric Reliability Corporation and the Department of Energy, “High-Impact, Low-Frequency Event Risk to the North American Bulk Power System.” These have detailed some of the “knowns and unknowns” of the threats from intense solar activity.

FIGURE 2
NASA Space Weather Report



The cover of the 2008 National Research Council workshop report.

Based on the studies conducted over recent years, if a solar storm the size of the one of 1921 or 1859 were to hit the Earth today, there is a good chance that up to 130 million Americans could be left without power for at least many months, and likely years. No power means no water pumping, no food refrigeration, no computer systems, etc. Society would quickly break down (Figure 2).⁷

Taking these realities into consideration, a compe-

7. On Oct. 6, 2011, the National Defense University held a public event to present the findings of its investigations into the solar storm threat, “Severe Space Weather Threats to the National Electrical Grid,” at which one of the presenters described the potential consequences as similar to the aftermath of Hurricane Katrina, except the impact would be as if we had 10 or 20 Katrinas hitting several major cities at the same time, and the effects lasted a year or more. LaRouchePAC representatives attended the event, and our written coverage can be found at: <http://www.larouchepac.com/node/19841>.

tent defense of mankind will have to be still broadened. Questions remain about the relation of solar and galactic activity to various forms of extreme weather, of which we have seen all too much recently, and so-called “geophysical” events such as earthquakes.⁸

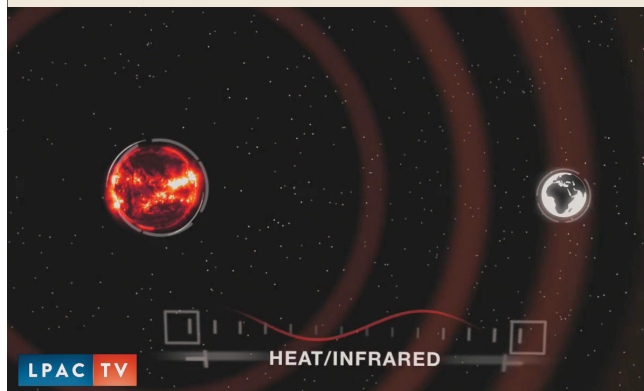
Do these threats mean that mankind has to sit helpless on the Earth, subject to the potentially catastrophic whims of our solar system and galaxy?

No.

There is nothing inherent in these threats that cannot be addressed by man—the challenge remains making the political choice to orient the scientific and economic power of leading nations toward a cooperative alliance in the strategic defense of mankind against these threats.

8. Although the exact mechanisms remain unknown, scientists are continuing to find correlations between solar activity and earthquake activity. A recent example is a study just released by a team out of Kyushu University, Japan, showing that mega-earthquakes (those with magnitudes ranging from 8.0-9.9) follow the 11-year solar cycle. LaRouchePAC coverage of this report can be found at: <http://www.larouchepac.com/node/19676>.

Solar Flares, Asteroids, and Why We Need a Trillion People



Natalie Lovegren of the LPAC Basement Team explains why recent Solar activity, and a close encounter with an asteroid, among other developments in Earth's neighborhood, call for a rapid increase in the human population.

<http://www.larouchepac.com/node/20230>

Strategic Defense of Earth

Recalling the warning shot of asteroid 2005 YU55, let us return to the “Russia Today” coverage of the Russian SDE proposal,

“In a move to overcome the Russia-U.S. deadlock over the missile defense, Moscow has reportedly come up with a new initiative: a global system to guard against missiles as well as asteroids and other threats from space. . . . The package of proposals has yet to be formalized. The idea has been nicknamed Strategic Defense of Earth as an allusion to the Strategic Defense Initiative. . . .

“[The system] would be targeted against possible threats to Earth coming from space, including asteroids, comet fragments, and other alien bodies, the source is cited as saying. The system should be capable of both monitoring space and destroying any dangerous objects as they approach our planet. . . . [The Russian] concept gives an opportunity to propose [to the U.S.] an even more global task to save the world. And also do it together with us rather than on their own, *Kommer-sant*’s informant noted.

“According to the paper, President Dmitri Medvedev showed interest in the proposals and instructed Dmitri Rogozin and presidential aide Sergei Prikhodko to work further on the initiative.”

The Russian proposal points up the stark contrast between the two options now on the table for the American people, and the world.

The only way to achieve the far better option, the collaboration of Russia, the U.S.A, and China on the defense and the development of mankind, is to immediately remove the British puppet Barack Obama from office.

These Russian calls for cooperation, in the midst of their being threatened with war, serve to underscore the point that LaRouche’s alternative program is immediately on the table, including the entire trans-Pacific orientation of mega-development-projects such as NAWAPA (North American Water and Power Alliance) and the Bering Strait rail tunnel connection.

However, it all depends on the immediate removal of Obama from office. Otherwise the other option, World War, has already been set in motion.

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China Achieves Its Next Milestone In Space Exploration

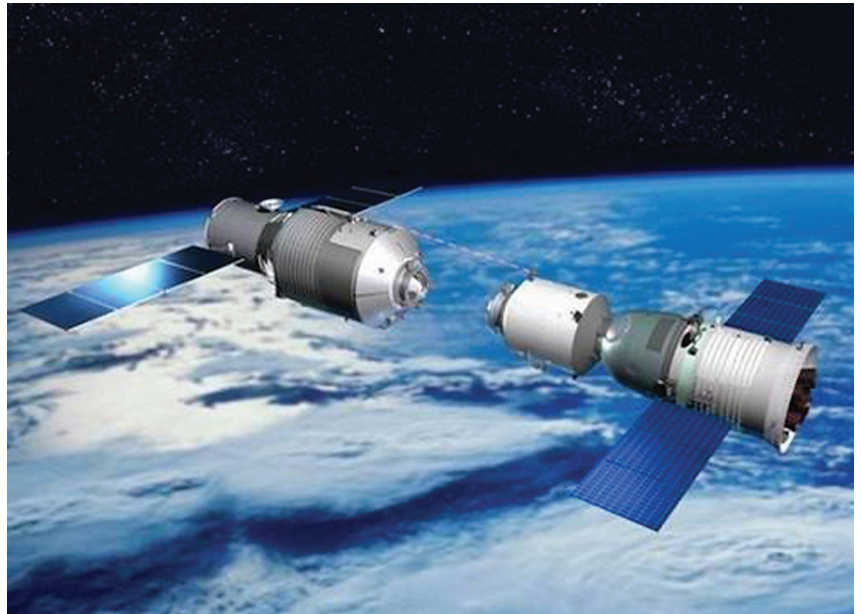
by Marsha Freeman

Nov. 17—There could be no better example of Lyndon LaRouche’s contention that the future direction of civilization is now located in the Asia-Pacific region, and not the Trans-Atlantic West, than the progress in China’s space exploration program. While both Western Europe and America toss into the dustbin of history five decades of stunning successes in space exploration, China is fulfilling its commitment to become a space-faring nation. The contrast could not be more dramatic.

On Sept. 29, China launched *Tiangong-1*, a small space station prototype module, to test procedures that it will need to master before a manned space station is put into Earth orbit at the end of this decade. On Nov. 1, an unmanned *Shenzhou* spacecraft, similar to those that have carried astronauts into space, was launched. Two days later, *Shenzhou-8* automatically docked with *Tiangong-1*. After the duo orbited the Earth for 12 days, they separated, and then carried out a second successful redocking. *Shenzhou-8* then returned to Earth on Nov. 17, while *Tiangong-1* will remain in orbit, to carry out further tests.

China has now completed three major steps needed to assemble, service, and operate a space station: launching astronauts; doing extravehicular activities, or “space walks” outside the spacecraft; and now, docking two craft in orbit.

While television screens in China were filled with images (live, for the first time) of the meeting of the two spacecraft, and of the excitement in Beijing’s mission control at the success, members of the U.S. Congress and the bureaucracy of the European Union were also



China Manned Space Engineering

This drawing depicts a moment just before the successful docking of the Tiangong-1 test module (right) with the Shenzhou-8. This Shenzhou capsule is a variant of the one China uses to carry astronauts into space. The two craft remained docked for 12 days, in the first rendezvous and docking of two Chinese orbiting spacecraft.

meeting. But their purpose was to try to figure out which space projects should be cut, delayed, “descoped,” or eliminated, because “there isn’t enough money.” Considering the fact that the U.S. space program costs each American about 15 cents a day, money is clearly not the issue. Space exploration has always represented an optimistic belief in the future. That is what is under attack and in retreat in the West.

Leaving the dying *anciens régimes* behind, China and a handful of other Asian nations are planning their future for the next generations.

Taking Leaps

In 1992, the Chinese government decided to develop a manned space exploration program. With initial help

from Russia, spacecraft were designed, built, and tested. In November 2000, the Information Office of the State Council released an eight-page white paper, for the first time in English, titled “China’s Space Activities.” The 20-year program outlined many applications of space technology, and also a series of manned space flights. Three years later, Yang Liwei became the first Chinese astronaut to orbit the Earth.

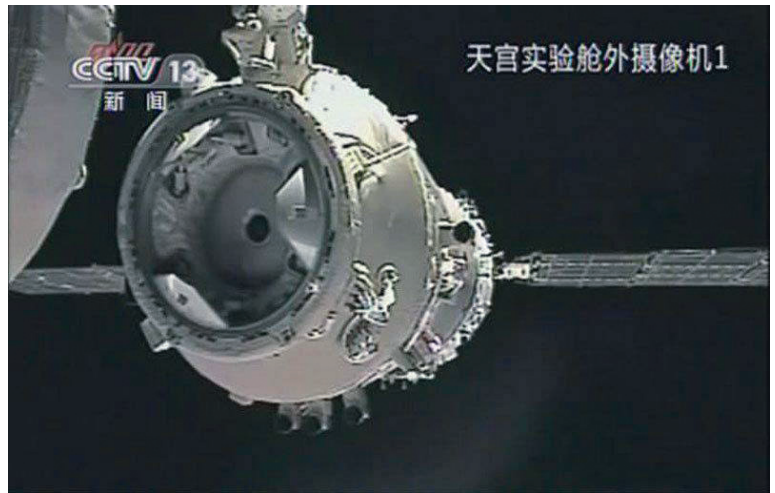
Following that mission, China specified that the next steps in the manned program would be similar to those followed by the U.S. and Russia in the 1960s—to extend the stay of astronauts in orbit, to carry out space walks, and then demonstrate orbital rendezvous and docking technology. For the U.S. and Soviet Union, these capabilities were needed to go to the Moon. For China, they are prerequisite for their next goal, which is a manned space station. In 2005, two men orbited the Earth for multiple days in a Shenzhou capsule, and in 2008, a three-man crew performed China’s first space walk.

Unlike the U.S. and Soviet programs of the 1960s, China has not launched frequent missions, but with each one has demonstrated an entirely new capability. And also, unlike the 1960s “race” to the Moon, China has determined to build substantial Earth-orbital infrastructure, before venturing beyond Earth orbit. The goal for the rest of this decade is to lay the basis for a space station by 2020. The space station will in turn lay the basis for travel in deep space.

The Chinese manned program is both conservative in approach, in terms of protecting the lives of the astronauts, and also high risk, by moving ahead, not incrementally, but in large steps. With only three previous operational flights of the Shenzhou capsule completed, China’s engineers and managers decided to test rendezvous and docking techniques. But, with the advances in technology not available in the 1960s, they decided not to risk the lives of astronauts during the tests.

The Chinese no doubt had in mind the March 1966 mission of Gemini 8, which included the future Moonwalker, Neil Armstrong, and which also conducted the first docking of two spacecraft in orbit. But, due to a technical glitch which threatened the lives of the astronauts, the mission was aborted, and the crew was returned to Earth safely.

Instead, China developed the ability to do automated maneuvers, which pose less risk to human life,



This image was sent to China’s Mission Control on Nov. 14 from a camera on board the Shenzhou-8 spacecraft. The Tiangong-1 test module is seen, after separating from the Shenzhou-8, in preparation for a second test docking.

but are more difficult.

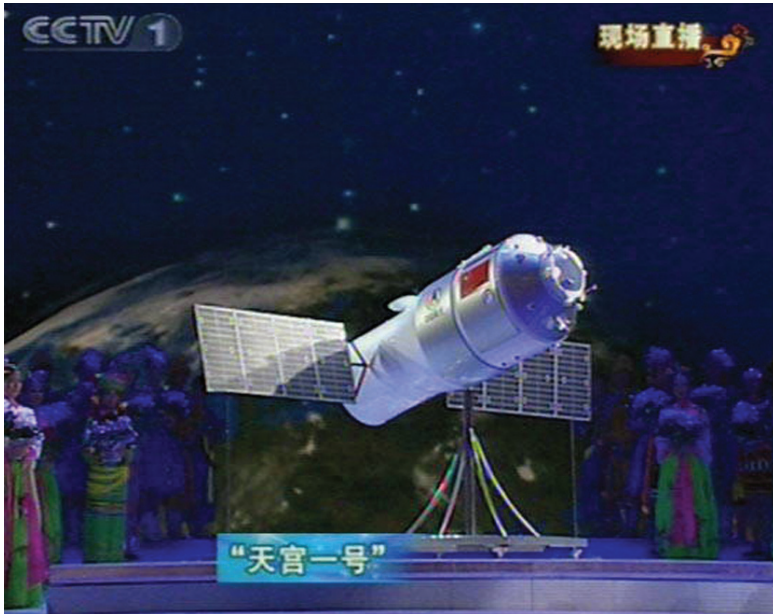
Based on the success of the recent Tiangong-1/Shenzhou-8 mission, China plans to launch Shenzhou-9 and Shenzhou-10 next year. At least one of the two missions will be manned. Crews have been training for orbital rendezvous and docking, including carrying out the delicate maneuvers manually. There are also indications that one of the two female astronauts now in training could be on the Shenzhou-9 or 10 mission next year.

Tiangong-1 is the first in a planned series of test modules to enable China to develop the technology for long-duration stays in orbit.

A ‘Kiss’ in Space

In order to dock the two spacecraft, each traveling more than 17,000 miles per hour, the passive target craft, Tiangong-1, was launched first. Shenzhou-8 was then launched, with exceptional precision, into an orbit 6,214 miles behind Tiangong-1. Five planned orbital maneuvers were carried out for Shenzhou-8 to “catch up” to Tiangong-1, and position itself within close proximity. At a snail’s pace, Shenzhou-8 approached the target, guided by microwave and laser ranging, as the staff at the Beijing Control Center watched from cameras on board. When all indications showed that the docking was successful, cheers broke out in Mission Control. Success was expected; more than 1,000 docking simulations had been done on the ground.

The first test of the guidance technology during the Nov. 3 rendezvous and docking was carried out on the



CCTV

In January 2009, during a television special celebrating the Chinese New Year, this scale model of the Tiangong-1 was displayed. Millions of Chinese watched the historic docking of Tiangong-1 with the Shenzhou-8 spacecraft on live TV.

night side of the orbit, to avoid interference from sunlight. But to assemble, resupply, or deliver crew to a space station, docking will need to be carried out in a variety of orbital and environmental conditions, as would an emergency escape from a station.

After Tiangong-1 and Shenzhou-8 had been docked for 12 days, Shenzhou-8 undocked, backed away about 460 feet, and then approached and redocked with the module, this time in the sunlit portion of the orbit. Mission Control reports that the test went according to plan.

The Tiangong-1/Shenzhou-8 mission was carried out with great confidence on the part of the engineers and mission managers. Years before, Chinese officials had outlined this next step in manned space flight. In the Fall of 2008, Shenzhou spacecraft chief designer Qi Faren told the press, as China was preparing to launch Shenzhou-7, which would carry out China's first space walk, that space docking would be next. In March 2009, Chinese television aired a broadcast, which, for the first time, graphically illustrated the Tiangong-1/Shenzhou-8 mission.

Before the launch, Chinese print and electronic media outlined the mission in great detail, with animations of each step, and interviews with managers and scientists about what should be expected. Each phase of the mission was carried, when possible, live on China Central Television.

In addition to the live coverage, this mission was

evidence of "opening up" in other ways. Aboard Shenzhou-8 were joint experiments with Germany, in the life sciences and other microgravity fields. The German Aerospace Center provided the SIMBOX experiment equipment, housing six experiments from German research institutions. For the first time, another country has had access to China's manned space program.

On the one hand, this is the first time China has taken such a large step to open up to international cooperation. On the other, as Joan Johnson-Freese, Chinese space expert at the U.S. Naval War College, observed, this "indicates Chinese acceptance as a spacefaring nation by most countries." Of all of the world's space agencies, only NASA is forbidden, by law, from cooperating with China in space.

Tiangong-1 ("Heavenly Palace") is a 34-foot-long, 8.5-ton spacecraft. It is a new design, both larger and heavier than the Shenzhou series of spacecraft that have been launched before. Tiangong-1 is made up of two modules—an experiment module that includes the area where crew will live and work, with a docking port to receive visiting craft, and a resource module, which provides the spacecraft with power. Astronauts will have more space to move in, "much more than they had in the Shenzhou spaceship," Yang Hong, chief designer of Tiangong-1, explained just before its launch. Inside there are two sleeping sections with an adjustable lighting system, exercise equipment, entertainment systems, and visual communications equipment.

According to Dr. Morris Jones, an expert on the Chinese space program, Tiangong-1 also appears to have fairly advanced cameras inside, suggesting there could be broadcast-quality video during next year's planned crewed mission.

Tiangong-1 is designed to remain in orbit for two years. While most of that time it will be alone, visiting Shenzhou craft will deliver supplies and scientific experiments. Shenzhou-8, for example, carried materials, including plant seeds and cancer cells, to observe the effect of microgravity. The samples were then returned to Earth aboard Shenzhou-8.

Tiangong-1 is China's first long-duration spacecraft designed for manned use. In order to operate, monitor, and maintain a functioning facility on orbit for long periods of time, on Nov. 13, China established an opera-

tion committee within the overall manned space program. This group will provide ongoing technical management and flight control, and make preparations for future docking missions. This is China's first long-duration space asset, and now, its first dedicated management organization.

Tiangong-1 is the first step in an upcoming five years of activities, which will enable long-duration manned missions.

The Road to a Space Station

Over the next five years, increasingly sophisticated missions will be carried out to increase the duration, and capabilities, of China's manned orbiting facilities. Officials have described Tiangong-2 as designed for Earth observation and Earth science research, as well as experiments in space medicine. *SinoDefense.com* has reported that this craft will be able to support three crew members for 20 days.

Tiangong-3 will reportedly focus on tests of regenerative life support systems, or the recycling of critical materials, such as a breathable atmosphere and water, and spacecraft environmental control. It is also reported

that the aim will be to extend missions for a crew of three for up to 40 days,

By 2016, China plans to have a space lab operational, which would not be permanently manned, but would accommodate visiting astronaut crews. It could consist of linked Tiangong modules, and would be augmented by Shenzhou visits. Joan Johnson-Freese observes that life support and other equipment that will be tested on the future Tiangong modules, will be indigenously made, not purchased from the Russians, as in the past.

In order to service such a facility, an unmanned cargo vehicle, with a launch weight of 13 tons, similar in function to Russia's Progress craft, will also be developed over the next five years. The vehicle will deliver consumables, such as water and food, as well as fuel, to the complex. It will be composed of two modules—one to carry cargo, and the other, a service module, carrying fuel, thrusters, and other operational equipment.


By 2020, the plan is for a 60-ton long-duration space station, comparable in size to the 1990s Russian Mir space station, with a core module in the 22-ton range. Two experiment modules of a similar size would complete the complex. Last April, the China Manned Space Engineering Office asked the public to help come up with a name and logo for the space station.

Zhang Jianqi, former deputy chief of China's manned space program, said, before the recent successful docking, that the future Chinese space station would be an "open platform. The Chinese people will be more than happy to conduct scientific experiments with foreign scientists and astronauts." Chinese space officials have remarked throughout the Tiangong-1/Shenzhou-8 mission that the docking mechanism used could be easily modified for docking with the International Space Station (ISS).

It has not escaped anyone's attention that just as the Chinese space station would become operational, it is possible that the currently orbiting ISS, from which China has been excluded, could be reaching the end of its operations. Along the path being traveled now, China could have the only orbiting scientific laboratory, at the end of this decade.

China and other nations that have begun to extend their reach into space recognize that "Space is very much an indicator of a country's willingness to look into the future," Joan Johnson-Freese explains.

What does that say for the nations on a trajectory to destroy the very space exploration capabilities that new nations are working so hard to develop?




Riemann: A Trilogy

**Part 1.
Potential and Metaphor**

What gets wetter the more it dries?

Riddles can help illustrate an important concept for economics and science: the use of metaphor to convey ideas that cannot be stated explicitly.

<http://larouhepac.com/riemann2a>



**Part 3.
Riemann: A Discussion**

Basement research team members Oyang Teng and Jason Ross review Ross's two videos on Riemann, covering such topics as Dirichlet's Principle, metaphor, and epistemology.

<http://www.larouhepac.com/basement>

**Part 2.
Abelian Functions**

The Apollo mission was estimated to have had a \$14 return for every \$1 invested. But were they the same dollars?

<http://larouhepac.com/riemann2b>

The Humbuggery of Charles Darwin

by Ann Lawler

Presented at the July 23-24 National Conference of the Citizens Electoral Council by CEC Chairman Ann Lawler. This and other presentations from the conference, which was titled "Educating the Mass Strike: Cosmic Radiation Beats Green Fascism," together with a feature report, "The British Crown Created Green Fascism," were published in the October/November 2011 issue of the CECs New Citizen newspaper. http://cecaust.com.au/main.asp?sub=pubs&id=NC_07_06.html.



Ann Lawler

CEC

Charles Darwin is the acclaimed granddaddy of the entire environmentalist movement, that is, of today's plague of Green Fascism. Who can tell me what he is famous for?

[Answers from the audience: "the theory of evolution"; "the 'survival of the fittest' and 'natural selection' as the method of evolution"; "the 'Tree of Life': that all existing species arose from one primitive life form, via 'transmutation of species'"; "that man descended from apes, so man is just another animal, and therefore just another part of Nature, not its master."]

Yes, all that is true, but Darwin himself credited his so-called discovery of evolution to Parson Thomas Malthus (1766-1834), who claimed that mankind faces "scarce, limited resources," and that human population

growth will sooner or later outgrow those fixed resources. Darwin emphasized his dependence on Malthus right in the introduction to his 1859 book *The Origin of Species*, whose full title is *On the Origin of Species by Means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life*:

"[T]he Struggle for Existence amongst all organic beings throughout the world ... inevitably follows from their high geometrical powers of increase.... This is the doctrine of Malthus, applied to the whole animal and

vegetable kingdoms. As many more individuals of each species are born than can possibly survive; and as, consequently, there is a frequently recurring struggle for existence, it follows that any being, if it vary however slightly in any manner profitable to itself ... will have a better chance of surviving, and thus be *naturally selected*." This Malthusian process, Darwin claimed, is the "origin of species."

Darwin proclaimed repeatedly that Malthusianism held true for mankind, as well as animals. The British oligarchy had made Malthus a great hero already by the mid-19th Century, so Darwin well knew that Malthus had proposed *mass murder* as a "solution" to mankind's "overpopulation." Malthus wrote, in his 1798 "An Essay on the Principle of Population":

“All the children born beyond what would be required to keep up the population to this level, must necessarily perish, unless room be made for them by the deaths of grown persons. . . . [T]herefore, we should facilitate, instead of foolishly and vainly endeavouring to impede, the operations of nature in producing this mortality; and if we dread the too frequent visitation of the horrid form of famine, we should sedulously encourage the other forms of destruction, which we compel nature to use. . . . But above all, we should reprobate specific remedies for ravaging diseases; and those benevolent, but much mistaken men, who have thought they were doing a service to mankind by projecting schemes for the total extirpation of particular disorders.”

Malthus and the British East India Company

Malthus was not just any old country parson, but the official chief economist for the British East India Company (BEIC), the largest monopoly the world had ever seen, with an army in the late 18th and early 19th centuries that was larger than that of the British government itself. In fact, the slave-trading and dope-pushing BEIC *was* the British Empire. And when the BEIC set up its Haileybury College in 1805 to train its officials, they appointed Malthus as the very first professor of political economy in Britain, actually in the world. Malthus’s students over the next several decades became the BEIC’s administrators, and systematically applied his policies of genocide to keep the native populations under control. They killed tens of millions in India alone, including by forcing them to grow opium instead of food, which opium the BEIC then used to poison the Chinese.

It is likely that the BEIC promoted Malthus precisely *because* he was a reverend, to justify the kind of mass murder which most even nominal Christians would find objectionable. Darwin and his gang attacked Christianity because its fundamental tenets were a

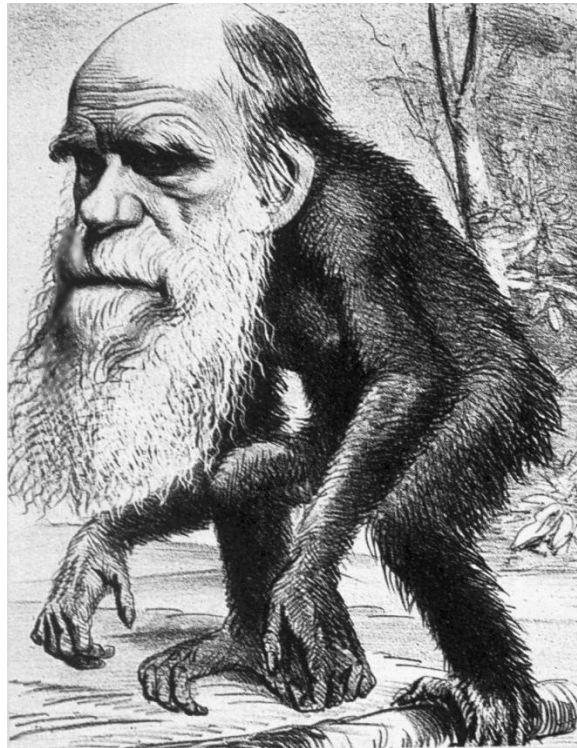
stumbling block to British imperial rule. In particular, the notions of *imago Dei*, as expressed in the Book of Genesis: that man was created in the “image of God” to be fruitful, multiply, and have dominion over the Earth; and of *capax Dei*, as expressed in the opening verses of the Book of St. John: that man “is capable of God,” capable of participating in the Creator of the universe (the Word, the Logos), and can thereby become a willful co-creator in God’s continuing process of creation.

There is nothing mystical about this. . . . It is all fully accessible to man’s creative reason, whether you happen to be a professing Christian, or not. But this reality can never be understood through mere sense certainty, nor through the impotent formal logic of induction/deduction, so beloved of the British oligarchy and its stooge Charles Darwin. On the very first page of his *Origin of Species*, Darwin approvingly quoted Sir Francis Bacon, the so-called founder of the “modern scientific method”

of induction, which is no method at all, but just sense-certainty-based brainwashing. Throughout his life, Darwin maintained, correctly, that his *Origin* was based upon Bacon’s method. The perpetuation of the British Empire depends on controlling how people think, that is, to make sure that they *don’t* think. That was the whole point of the Darwin project—to convince human beings that they are mere animals, without a divine spark of creativity.

H.G. Wells: Fabianism, Imperialism and Eugenics

Thus Parson Malthus was Darwin’s hero. But to situate the importance of this Malthus/Darwin duo in British imperial ideology, let’s listen to H.G. Wells (1866-1946) in his 1901 book, *Anticipations of the Reaction of Mechanical and Scientific Progress Upon Human Life and Thought*, upon which he later said that his entire life’s work was based.



Charles Darwin

Wells was at the very center of the British imperial priesthood: He had been a prize student of the man known as “Darwin’s bulldog,” T.H. Huxley; he co-founded the Fabian Society with Bertrand Russell and Sydney and Beatrice Webb; he was a fierce advocate of eugenics, like Russell and the rest of the Fabians; and, along with Julian Huxley and a couple of others, he personally invented the modern cult of “environmentalism.” If you understand Wells, you understand the real import of Charles Darwin and of today’s cult of environmentalism.

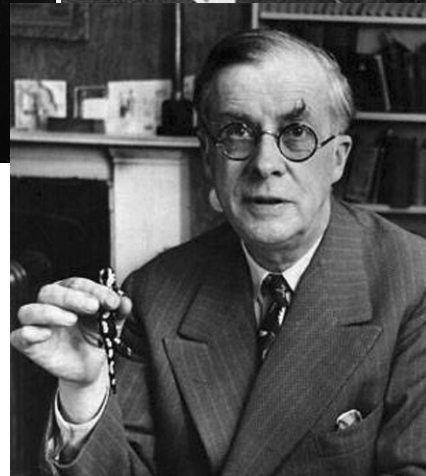
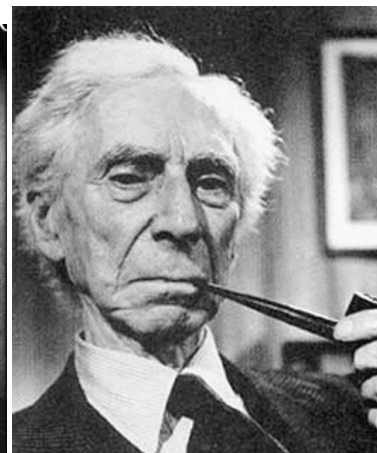
In his book’s first chapter, “Locomotion,” Wells lamented that the American Revolution had caused a worldwide explosion of railways, and that this “had changed the intellectual life of the world.”

Indeed, Lincoln’s victory over the British-backed Confederacy in the U.S. Civil War of 1861-65 had unleashed an astonishing growth of nation-states in Germany, Russia, Japan, and elsewhere, which copied the “American System” methods of public credit, intercontinental railways, the advocacy of science and technology, and the creation of a literate citizenry. World population growth surged. Anchored on transcontinental railways, all of this posed a strategic threat to the British *maritime* world empire. The British responded by unleashing World War I, and by proposing to murder entire sections of the world’s population via the new doctrine of eugenics.

Malthus/Darwin: ‘Ethical Reconstruction’

Wells exulted that the influence of Malthus and Darwin by the end of the 19th Century had virtually destroyed Christianity, paving the way for the “ethical reconstruction” of mankind. This “reevaluation of all values” would usher in what Wells called the “New Republic,” as the foundation for the coming “world state”—the total triumph of the British Empire worldwide, through what today is called “globalization,” and the “global governance” of Green Fascism.

Wells wrote: “Now, so far as the intellectual life of the world goes, this present time is essentially the opening phase of a period of ethical reconstruction, a reconstruction of which the New Republic will possess the matured result. Throughout the nineteenth century



Fabian Society founders (clockwise) H.G. Wells and Bertrand Russell, together with Julian Huxley, invented the modern cult of “environmentalism.”

there has been such a shattering and recasting

of fundamental ideas, of the preliminaries to ethical propositions, as the world has never seen before. . . .

“The first chapter in the history of this intellectual development, its definite and formal opening, coincides with the opening of the nineteenth century and the publication of Malthus’ *Essay on Population*. Malthus is one of those cardinal figures in intellectual history who state definitely for all time, things apparent enough after their formulation, but never effectively conceded before. He brought clearly and emphatically into the sphere of discussion a vitally important issue that had always been shirked and tabooed heretofore, the fundamental fact that the main mass of the business of human life centres about reproduction. . . . Probably no more shattering book than the *Essay on Population* has ever been, or ever will be, written. . . . [I]t made as clear as daylight that all forms of social reconstruction, all dreams of earthly golden ages must be either futile or insincere or both, until the problems of human increase were manfully faced.”

And, Wells emphasized, Malthus begat Darwin (and

also Alfred Wallace, who supposedly “co-discovered” evolution with Darwin, and who also based his discovery of evolution on Malthus). The work of Malthus, said Wells, “awakened almost simultaneously in the minds of Darwin and Wallace, that train of thought that found expression and demonstration at last in the theory of natural selection. As that theory has been more and more thoroughly assimilated and understood by the general mind, it has destroyed, quietly but entirely, the belief in human equality which is implicit in all the ‘Liberalising’ movements of the world [meaning, in this case, those in sympathy with the American Revolution—AL].... It has become apparent that whole masses of human population are, as a whole, inferior in their claim upon the future, to other masses, that they cannot be given opportunities or trusted with power as the superior peoples are trusted.”

The ‘New Republic’: Mass Murder

Mankind was *not* created *imago Dei*, “in the image of God,” Wells crowed, but has always been merely a part of nature, and therefore Christianity is just a myth: “And as effectually has the mass of criticism that centres about Darwin destroyed the dogma of the Fall upon which the whole intellectual fabric of Christianity rests. For without a Fall there is no redemption, and the whole theory and meaning of the Pauline system is vain.”

And since the “Pauline system” (that is, St. Paul’s—Christianity) has now been discredited, there are no stumbling blocks to simply murdering large portions of mankind, as “overpopulation.” The men of the New Republic “will not be squeamish” about killing, Wells wrote, because “They will have an ideal [eugenics] that will make killing worth the while.” Demanding, “And how will the New Republic treat the inferior races? How will it deal with the black? how will it deal with the yellow man? how will it tackle that alleged termite in the civilised woodwork, the Jew?” He answered, “Well, the world is a world, not a charitable institution, and I take it they will have to go.”

This overt commitment to mass murder was not just an “accidental” result of Darwin’s “value-free scientific work,” but is why “Darwinism” was created in the first place. Darwinism was not a scientific theory, but a witting project of cultural warfare, to take the Christ out of Christianity, to wipe out Christianity both in Britain and worldwide, with the avowed intent to secure British imperial rule over the globe. Darwin’s theory was a war launched against the notions of *imago Dei* and *capax*

Dei, of the divine potential within all human beings.

Even in an England still dominated by the Anglican Church, Darwin’s new “theory” would hit like a bombshell, and he knew it. He wrote in his private notebooks that his creed of “evolution” was “like confessing a murder.” After all, he was killing God, and that’s exactly how he saw it. That was why he left a note for his wife with his preliminary 1844 essay on “natural selection,” instructing her to publish it, “in case of my sudden death,” but why he did not dare publish it until others had laid some preliminary groundwork.

But what about eugenics? Was that just an accidental outcome of “Darwinism”?

Darwinism Gives Birth to Eugenics

If you have read even a few of the endless books written about Darwin, as I have unfortunately had to, you will have quickly discovered that there is a big debate about whether Darwin “accidentally” gave birth to eugenics, or “Social Darwinism”—the supposedly inevitable struggle of groups of people or nations against each other.

But when you look into Darwin just a little bit, including what he himself wrote, it is astounding that anyone could ever maintain that Darwin did not push eugenics. It pervaded his work right from the early days of his voyage to Australia, when he wrote in Chapter 19 of his book *The Voyage of the Beagle*: “The varieties of man seem to act on each other in the same way as different species of animals—the stronger always extirpating the weaker.” It was also implicit in his first book, *On the Origin of Species by Means of Natural Selection, or the Preservation of Favoured Races in the Struggle for Life*, when he had to be a bit cautious, given the cultural environment of the time; but in his second major book, his 1871 *The Descent of Man and Selection in Relation to Sex*, he came out of the closet and wholeheartedly endorsed the Founding Father of eugenics, his first cousin Sir Francis Galton, together with other raving eugenicists.

In this second book, where he extended his conclusions about natural selection in the animal kingdom to mankind, he cited the work of three “authorities” upon whom he relied implicitly: “I have hitherto only considered the advancement of man from a semi-human condition to that of the modern savage. But some remarks

on the action of natural selection on civilised nations may be worth adding. This subject has been ably discussed by Mr. W.R. Greg, and previously by Mr. Wallace and Mr. Galton. Most of my remarks are taken from these three authors.”

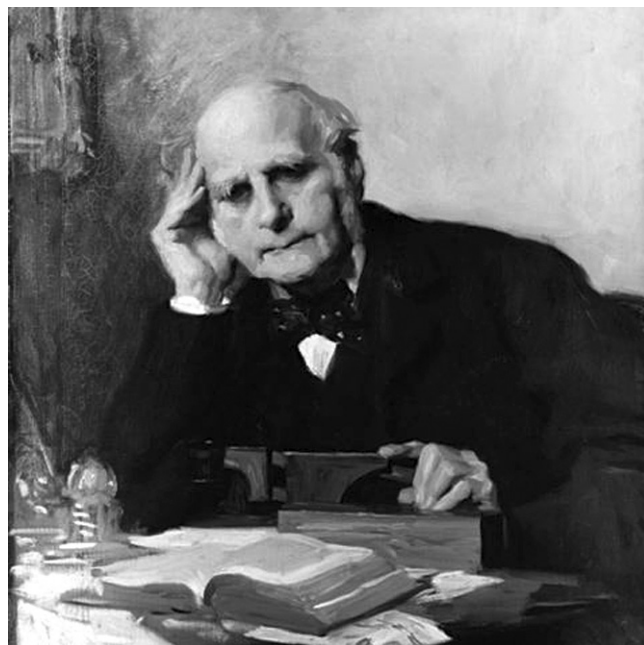
Darwin’s Cousin Galton, the Founder of Eugenics

Galton had coined the name “eugenics” from a Greek term meaning “wellborn,” and already in 1869 had written a book, *Hereditary Genius*, which argued that mental qualities are biologically inherited; that the white race is the biologically best endowed to dominate the world; that the English are the cream of the white race; and that the Darwin family itself is living proof of this principle. (That last one is pretty funny, when you consider that the Darwin clan, both then and now, are a bunch of real fruitcakes.) Upon reading the book, Darwin wrote to Galton, “I do not think I have ever in all my life read anything more interesting and original. . . . I congratulate you on producing what I am convinced will prove a memorable work.”

Galton proclaimed that “Jews are parasites”; that “the worth of an individual should be calculated at birth, by his class”; and that the “unfit” should simply be eliminated. Moreover, he wrote that “I cannot doubt that our democracy will ultimately refuse consent to that liberty of propagating children which is now allowed to the undesirable classes.” He was knighted by King Edward VII in 1909, for founding eugenics as a new ruling British imperial doctrine.

W.R. Greg, a rabid free trader, is often considered the “co-founder of eugenics” with Galton. Greg was already notorious for his 1851 book, *The Creed of Christianity*, in which he attacked the New Testament as “the foundation of doctrines repugnant to natural feeling or to common sense.” In the words of a contemporary, writing not long after his death, Greg “was one of the chief assailants of the Christian faith in his day.” Based on eugenics, Greg demanded that the British Empire rule the globe. In his 1872 *Enigmas of Life*, Greg said that Britain “owes her world-wide dominion and . . . the wide diffusion of her race over the globe, to a daring and persistent energy with which no other variety of mankind is so largely dowered. . . . At all events it is . . . the STRONGEST and the fittest who most prevail, multiply, and spread, and become in the largest measure the progenitors of future nations.”

Darwin approvingly quoted Greg on eugenics in his



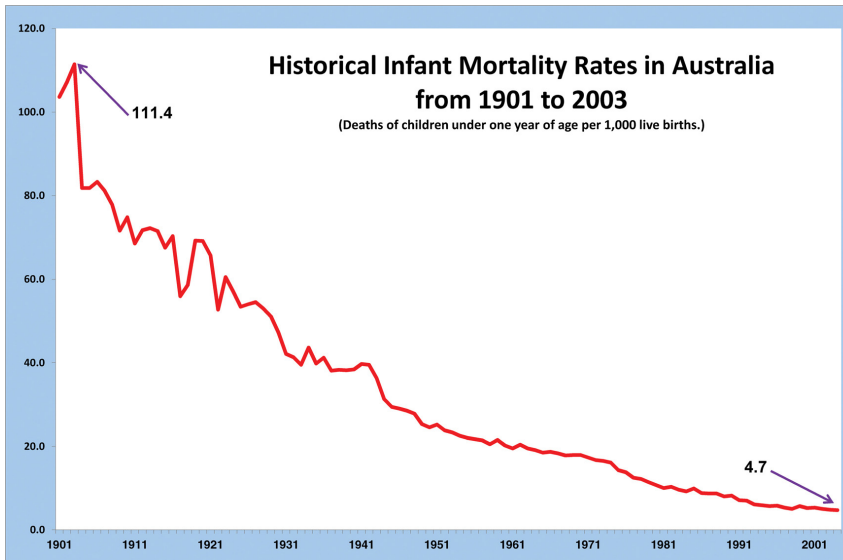
Trinity College, Cambridge Fellow Francis Galton was knighted by King Edward VII for founding the “science” of eugenics.

1871 book, *The Descent*, typified by the following passage, which, despite protests, he kept in later editions:

“A most important obstacle in civilised countries to an increase in the number of men of a superior class has been . . . that the very poor and reckless almost invariably marry early. . . . Those who marry early produce . . . many more children. . . . Thus the reckless, degraded, and often vicious members of society, tend to increase at a quicker rate. . . . Or as Mr. Greg puts the case: ‘The careless, squalid, unambitious Irishman multiplies like rabbits: the frugal, foreseeing, self-respecting, ambitious Scot, stern in his morality, spiritual in his faith, . . . passes his best years in struggle and in celibacy, marries late, and leaves few behind him. Given a land originally peopled by a thousand Saxons [e.g., Lowland Scots] and a thousand Celts [e.g., Irish]—and in a dozen generations five-sixths of the population would be Celts, but five-sixths of the property, of the power, of the intellect, would belong to the one-sixth of Saxons that remained. In the eternal ‘struggle for existence’, it would be the inferior and less favoured race that had prevailed—and prevailed by virtue . . . of its faults.’”

Darwin: ‘Murder the Poor’

What to do about this alarming situation? Darwin parroted Malthus: “With savages, the weak in body or



Darwin promoted infanticide as a means of population control. He would have preferred infant mortality rates in Australia to be at the 1900 level.

mind are soon eliminated; and those that survive commonly exhibit a vigorous state of health. We civilised men, on the other hand, do our utmost to check the process of elimination; we build asylums for the imbecile, the maimed, and the sick; we institute poor-laws; and our medical men exert their utmost skill to save the life of every one to the last moment. There is reason to believe that vaccination has preserved thousands, who from a weak constitution would formerly have succumbed to small-pox. Thus the weak members of civilised societies propagate their kind. No one who has attended to the breeding of domestic animals will doubt that this must be highly injurious to the race of man. It is surprising how soon a want of care, or care wrongly directed, leads to the degeneration of a domestic race; but excepting in the case of man himself, hardly any one is so ignorant as to allow his worst animals to breed.”

Darwin also lauded other measures to limit the population: “The greater death-rate of infants in the poorest classes is also very important; as well as the greater mortality, from various diseases, of the inhabitants of crowded and miserable houses, at all ages.” Yet even those are not sufficient: “Malthus has discussed these several checks [war, famine, etc.] but he does not lay stress enough on what is probably the most important of all, namely infanticide, especially of female infants, and the habit of procuring abortion. . . . Licentiousness may also be added to the foregoing checks.”

Trumpeting eugenics, Darwin proclaimed that different races have different “mental faculties.”

Moreover, parroting both John Locke and W.R. Greg, Darwin championed the rich over the poor in the “struggle for survival,” because the rich possessed *property*: “Man accumulates property and bequeaths it to his children, so that the children of the rich have an advantage over the poor in the race for success, *independently of bodily or mental superiority*. . . . But the inheritance of property by itself is very far from an evil; for without the accumulation of capital the arts could not progress; and it is chiefly through their power that the civilized races have extended, and are now everywhere extending their

range, *so as to take the place of the lower races*” (emphasis added).

How in the world could anyone argue that it is “unclear,” whether Darwin really intended eugenics?

Darwin was blatant on the subject, as was his infamous bulldog, Thomas Huxley. Huxley continually wailed that “overpopulation was destined to be the world’s gravest problem,” and even tried to establish a Population Question Association to solve this “true riddle of the Sphinx of History,” while Huxley’s prize students H.G. Wells and Henry Fairfield Osborn became two of the most notorious eugenicists of the 20th Century, and his grandson Sir Julian Huxley served as the long-time President of the British Eugenics Society, and co-founded the World Wildlife Fund (WWF) with Prince Philip and Prince Bernhard in 1961.

As for Darwin’s own family, his son, Maj. Leonard Darwin, was Chairman of the British Eugenics Education Society from 1911 until 1928, and its Honorary President until his death in 1943. Leonard also chaired the First International Eugenics Congress in 1912, while Darwin’s other sons, George Howard, Francis, and Horace, were all members of the Cambridge Eugenics Society, and George Howard’s son Charles Galton Darwin was Life Fellow of the Eugenics Society, and its Vice President in 1939 and President from 1953-59. A real nice bunch. It’s enough to make you agree with the eugenicists about how degeneracy runs in families.

Darwin: Not a Man, but a *Project*

Thus the debate over whether Darwin intended to push eugenics is as much a fraud as Darwin himself. Because Darwin, a neurotic hypochondriac who rarely left his house, was not a man, but a project, a figurehead for the cultural warfare that was run top-down by the Privy Council of the British Crown, one of whose members was Darwin's bulldog, Huxley; the British East India Company and its network of salons and front-groups; and the elite men's clubs of London, including the X Club of so-called scientists, which Huxley founded to ram through Darwinism. Darwin himself discovered nothing, and took all the key axioms of his so-called "theory of evolution" from others. In fact, he wrote in amazement at the end of his life about a person with such modest intellect as himself having had such a dramatic impact on history.

The very notion of "evolution," which he supposedly invented, had already been proposed by others. His grandfather Erasmus Darwin, for instance, had proposed "common descent" in his 1794 book *Zoonomia*, while Darwin's famous Tree of Life diagram, showing "common descent," with all species being derived from one or a handful of original primitive species, had already been published in a less elaborate form in a famous 1844 book by Robert Chambers, *Vestiges of the Natural History of Creation*. As for the idea that one species evolves into another species due to small changes in individuals within a species, that idea of "transmutation of species" was put forward by the French naturalist Jean-Baptiste Lamarck in his 1809 book, *Philosophie Zoologique*. The theory of "natural selection," the presumed engine of evolution, had been presented to the Royal Society in 1813 by Dr. William Charles Wells, who fled America for England at the outbreak of the American Revolution. One Patrick Matthew in 1831 had also propounded natural selection in a published book.



Thomas Malthus

'The Great Liberal Party'

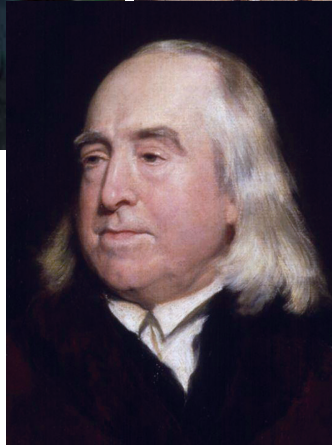
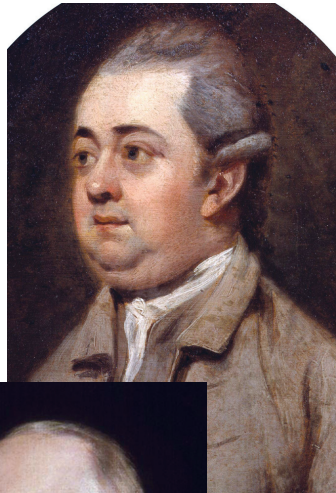
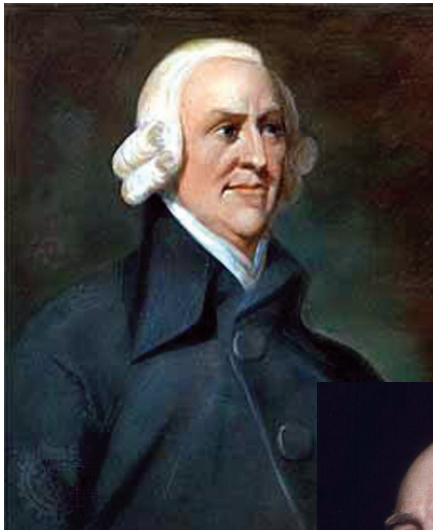
Darwin and his co-conspirators called themselves members of the "great liberal party" of the 19th Century, which crusaded explicitly to wipe out Christianity worldwide, including even such small shards of it as still existed in Britain itself at the time. You have heard LaRouche repeatedly and rightfully denounce Liberalism as a cultural pus that is rotting society away today, and threatens to plunge the world into the worst Dark Age in the entire known history of mankind. Darwinism is a key episode in the creation of that anti-human doctrine of Liberalism.

This "great liberal party" had been forged by one man, in particular: William Petty-FitzMaurice, the 2nd Earl of Shelburne (1737-1805), one of the wealthiest and most powerful men in Britain, and the uncrowned king of the British East India Company for decades. Among many other things, Shelburne was the single most important individual in deciding to found Australia as a British imperial outpost, as well documented in our Australian History *New Citizen* [October 2009]. In addition to his personal promotion of Malthus, Shelburne sponsored the work of three other individuals whose notions became dogma for British imperial policy:

Adam Smith. Shelburne assigned him to write *The Wealth of Nations* as a weapon of the new British imperial warfare doctrine of free trade, following upon Smith's earlier work *The Theory of Moral Sentiments*, which denied the existence of human creativity and instructed mankind to live by pleasure and pain alone. The entire doctrine of "economics," as taught in almost all universities worldwide today, is based upon Smith and Malthus.

Edward Gibbon. Shelburne assigned him to write *The History of the Decline and Fall of the Roman Empire* to determine why the glorious Roman Empire had ultimately failed, so that the British Empire would not fail, but would rule forever. Gibbon argued that "glorious Rome" fell because of the rise of Christianity.

Jeremy Bentham was the author of the felicific cal-



The imperial rogues sponsored by Lord Shelburne (clockwise): Adam Smith, Edward Gibbon, and Jeremy Bentham.

culus, the arithmetic calculation of pleasure and pain to determine all human actions, and the founder of utilitarianism. He also wrote *Defence of Usury* and an essay defending pederasty. Bentham founded the British Foreign Office in 1782.

Although each and all of these creatures were crucial in founding modern Liberalism, I will zero in on Charles Darwin's hero, the BEIC's very-reverend genocidalist Thomas Malthus.

The Unholy Rev. Thomas Malthus

Malthus is famous for his 1798 book, *An Essay on the Principle of Population*, the same which H.G. Wells was so fond of, and which every man and his dog cites so knowingly, but which almost nobody has ever actually read.

Because of the war Britain had launched against France in 1793, by the mid-1790s Britain was suffering a deep depression, food riots were common, and rioters even attacked the King's own carriage in 1795. Subsidizing the poor was costing a lot of money, even with the miserably inadequate welfare system of the day, known as the Poor Laws, so Shelburne's stooge Prime Minister William Pitt (The Younger) asked Malthus to write a tract to justify cancelling those laws. More im-

portantly, Shelburne and Pitt assigned him to attack the deeper principles of humanity, upon which the United States had been founded, in particular those of the general welfare and the right to "life, liberty and the pursuit of happiness," which principles still had an enormous influence in Europe, even in Britain itself and certainly with the Irish next door, who had militarily defeated the British in 1782.

As for population policy itself, Malthus plagiarized his major arguments from the Venetian priest Giammaria Ortes. Ortes had written a book attacking American Founding Father Benjamin Franklin's beautiful 1751 pamphlet *Observations Concerning the Increase of Mankind*, in which Franklin had foreseen and welcomed a doubling of the American population every 25 years—a terrifying prospect to the Venetian oligarchy and their British protégés. Malthus took his "sanctity of property" argument from another Venetian agent, John Locke, while his views on the Public Good were lifted wholesale from Bernard Mandeville's *The Fable of The Bees*—that the only pathway to Public Virtue, or the Public Good, was through untrammelled, individual Private Vice.

The Arithmetical/Geometrical Hoax

Ortes argued that population grows geometrically, but food supplies only grow arithmetically. This is typical statistical hocus-pocus, conjured up out of the blue with no proof; in fact, all of human history had proved precisely the opposite. But Malthus claimed that the larger the population was, the greater the misery, and that therefore genocide was God's will. Copying Ortes, Malthus wrote: "Population, when unchecked, increases in a geometrical ratio. Subsistence increases only in an arithmetical ratio. . . . This implies a strong and constantly operating check on population from the difficulty of subsistence. This difficulty must fall somewhere; and must necessarily be severely felt by a large portion of mankind."

Or, to jazz the matter up in scientific-seeming statistics: "Taking the population of the world at any number, a thousand millions, for instance, the human species would increase in the ratio of—1, 2, 4, 8, 16, 32, 64, 128, 256, 512, &c. and subsistence as—1, 2, 3, 4, 5, 6, 7, 8, 9, 10, &c. In two centuries and a quarter, the population would be to the means of subsistence as 512 to

10; in three centuries as 4096 to 13; and in two thousand years the difference would be almost incalculable, though the produce in that time would have increased to an immense extent.”

The Real Target: the American Republic

Fortunately, Malthus wrote, the “difficulty of subsistence” would kill a lot of people and keep the population in check. The rest of Malthus’ essay was, like Ortes’ original, one long rant against the physical economic and moral principles of the young American republic, which held that the general welfare could only be provided for through a productive physical economic policy based on building infrastructure and industry, driven by technological and scientific progress. These policies raise living standards; eliminate poverty, disease, and want; and elevate the minds of the people as the population grows.

Malthus particularly attacked manufacturing—which Franklin had championed in his 1751 pamphlet—claiming that it helped nothing, since all wealth comes from the land. He even claimed that “the principal causes of the increase of pauperism” included the increase of the manufacturing system, and of its labor force.

Malthus attacked the very cornerstone of the U.S. Constitution, the principle of the general welfare, which he termed “benevolence” (that is, the Christian notion of *agapē*), as a sham: “The substitution of benevolence as the master-spring and moving principle of society, instead of self-love, is a consummation devoutly to be wished. . . . The whole is little better than a dream, a beautiful phantom of the imagination. These ‘gorgeous palaces’ of happiness and immortality, these ‘solemn temples’ of truth and virtue will dissolve, ‘like the baseless fabric of a vision,’ when we awaken to real life and contemplate the true and genuine situation of man on earth.”

And, perhaps plagiarizing from Adam Smith (who likely also took his essential ideas from Ortes), Malthus snorted: “Benevolence indeed, as the great and constant source of action, would require the most per-

fect knowledge of causes and effects, and therefore can only be the attribute of the Deity. In a being so short-sighted as man, it would lead into the grossest errors, and soon transform the fair and cultivated soil of civilised society into a dreary scene of want and confusion.”

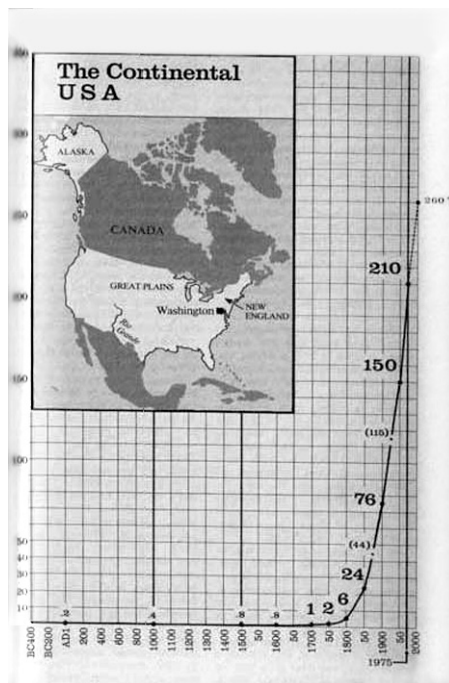
Instead of the general welfare, Malthus protested: “It is to the established administration of *property*, and to the apparently narrow principle of *self-love*, that we are indebted for all the noblest exertions of human genius, all the finer and more delicate emotions of the soul, for every thing, indeed, that distinguishes the civilised, from the savage state” (emphasis added).

‘Evil Is Necessary, the Soul Is Mortal’

As for these “finer and more delicate emotions of the soul,” Malthus wrote: “Locke, if I recollect, says that the endeavour to avoid pain rather than the pursuit of pleasure is the great stimulus to action in life: . . . [I]t is by this exertion, by these stimulants, that mind is formed. If Locke’s idea be just, and there is great reason to think that it is, *evil seems to be necessary to create exertion*; and exertion

seems evidently necessary to create mind” (emphasis added).

Malthus basically claimed that the human soul was material, composed of matter, but that: “It could answer no good purpose to enter into the question whether mind be a distinct substance from matter, or only a finer form of it. The question is, perhaps, after all, a question merely of words. . . . [I]t cannot appear inconsistent either with reason or revelation, . . . to suppose that God is constantly occupied in forming mind out of matter and that the various impressions that man receives through life is the process for that purpose.” Elsewhere in the same book, Malthus wrote, “The idea that the impressions and excitements of this world are the instruments with which the Supreme Being forms matter into mind, . . . seems to smooth many of the difficulties that occur in a contemplation of human life. . . .”



America’s industrial might and population skyrocketed after the Civil War (1865-75), terrifying the British Empire.

Here you have the typical refrain of the oligarchy, that everything in the universe, including life and the creative powers of mind, emerges from the abiotic, what they claim to be mere dead matter. As I said, and as was widely known at the time, much of the rest of Malthus' *Essay* was simply copied from the early 18th-Century degenerate Dutchman, the Venetian stooge Bernard Mandeville, who argued for population control, and said that the Public Good of society emerged through letting Private Vice run rampant.

Alexander von Humboldt's *Real Science of Nature*

Those were the wittingly evil origins of Darwin's *Origin*. This moral dimension aside, all of Darwin's supposed scientific work, as such, had been discredited even before he issued it, such that the British establishment did not dare publish it until the truly great scientific thinker and naturalist Alexander von Humboldt was laid to rest in 1859. Unlike Darwin, Humboldt (1769-1859) was a true scientific genius. He was the master of dozens of scientific disciplines and was recognized internationally as the acknowledged authority on Nature, as well as being an ardent supporter of the young American republic.

Humboldt demonstrated in his 1848 masterwork *Cosmos: Sketch of a Physical Description of the Universe*, that nature was far from being a brutal war of each against all. He wrote: "Nature considered *rationaly*, that is to say, submitted to the process of thought, is a unity in diversity of phenomena; a harmony, blending together all created things, however dissimilar in form and attributes; one great whole animated by the breath of life. The most important result of a rational inquiry into nature is, therefore, to establish the unity and harmony of this stupendous mass of force and matter."

In other words, there are knowable physical *principles*, including the fundamental principle of life itself, which guide the upward development of Creation, as opposed to a presumed random interaction of individual particles leading downward to equilibrium, or a supposed steady state, as Darwin and the British argued. Today their same notion is packaged under the



Alexander von Humboldt

pseudoscientific term, "sustainable."

For Humboldt, the laws of the "sphere of intellect," of the creative human soul, are of a higher order than those of nature, the latter being characterized merely by "a progressive development of vegetable and animal life on the globe." Humboldt concluded his masterpiece with the following words, emphasizing that *mind* rules nature:

"From the remotest nebulae and from the revolving double stars, we have descended to the minutest organisms of animal creation, whether manifested in the depths of ocean or on the surface of our globe, and to the delicate vegetable germs which clothe the naked declivity of the ice-crowned mountain summit; and here we have been able to arrange these phenomena according to partially known laws; but other laws of a more mysterious nature rule the higher spheres of the organic world, in which is comprised the human species in all its varied conformation, its creative intellectual power, and the languages to which it has given existence. *A physical delineation of nature terminates at the point where the sphere of intellect begins, and a new world of mind is opened to our view*" (emphasis added).

Humboldt's *Cosmos* was received with universal acclaim, outselling all books other than the Bible in his native Germany, and was immediately translated into nine other languages.

'Survival of the Fittest'

Whilst Humboldt's intention was to elevate mankind to seek out, understand, and participate in the creative laws governing the universe, the Darwin project aimed to deny mankind's knowledge of any such universal principles, along with any notion of a creative God. It wasn't just the idea of who man is that they were attacking; they intended to overturn the way people thought about virtually everything connected to reality. If successful, their method would degrade the sciences of theology, philosophy, biology, and physics to a mere statistical hocus-pocus, free of causality. If applied to society, and in particular to economics, it would establish Liberalism as the new God. That would mean freedom to do as one pleases, and to cheat and steal at will, because that's how God made nature, and man is just a part of nature.

The Darwin project was fundamental to the Empire's agenda, but it was less the work of Darwin, than of two of his lifelong associates, the social scientist Herbert Spencer (1820-1903), and T.H. Huxley (1825-95), the man who invented the idea of "agnosticism" as part of his war against the Creator.

The Pathetic Herbert Spencer

Not surprisingly, both Spencer and Huxley were pathetic personalities. Spencer was so neurotic that, like Darwin, he rarely dared appear in public. A hypochondriac, he consumed heavy doses of the BEIC's opium for his endless array of never-diagnosed "ills." He was beset by constant mental aberrations which he called "the mischief," and would wear earplugs to avoid over-excitement, particularly when in danger of losing an argument. Huxley suffered from depression most of his life, for which he also periodically took big doses of opium, and his family was riddled with insanity.

Like Darwin, Spencer and Huxley were members of the networks set up by the BEIC and Privy Council to remold the cultural, scientific, and religious philosophy in England for imperial rule. Spencer helped engineer Darwin's thoughts while Huxley, Darwin's bulldog, became the mouth organ for the new science of evolution.

Spencer was one of the most famous philosophers of the 19th Century. One million copies of his works were sold in numerous languages. Darwin worshipped Spencer, and wrote that "he will be looked at as by far the greatest living philosopher in England; perhaps equal to any that have lived."

Spencer, even more than Darwin himself, is recognized as the inventor of Social Darwinism—the application of Darwin's supposed discoveries in nature, to human society. He was a disciple of BEIC intelligence chief John Stuart Mill; an employee of *The Economist* magazine, which the BEIC set up to propagandize for free trade; and the man who coined the term "survival of the fittest." For an arch right-winger, such as he was known to be, he had some curious friends: Fabian Society founder Beatrice Webb began life as his private secretary, was his intimate friend throughout his life, and then served as the Executor of his estate when he died. So much for the difference between "left" and "right" in the British Empire.



Herbert Spencer, fruitcake

Spencer maintained that man's only knowledge comes through his senses. Observations and statistics provide the only proof of what is happening. He said mankind couldn't possibly know actual reality, or the Divine, and he relentlessly attacked Christianity as being the "impiety of the pious." There were no universal principles or dynamics, but only "statistical probabilities," because "those complex influences underlying the higher orders of natural phenomena . . . *work in subordination to the law of probabilities*" (emphasis added).

Spencer was so obsessed with statistics, that he named an 1850 book, in which he formulated Social Darwinism, *Social Statics*, and he seized on the fraudulent Second Law of Thermodynamics of Rudolf Clausius and Lord Kelvin as the basis of his ideas of nature and society. Spencer preached that the universe is entropic, winding down. He said that there is a "persistent force" which constantly acts upon the unshaped, unformed matter, causing it to become separated, differentiated, and more complex over time—his "theory of evolution"—and that this force runs out when the inter-

actions of matter reach an equilibrium. He applied this so-called law both to the physics of inanimate particles and to human society, as the Law of Equal Freedom. For human society, this “law” stipulated that all human beings must have “equal freedom” to cheat, steal, and speculate financially, and this anarchy would converge on the desired “equilibrium”:

“[T]he injunctions of the moral law, as now interpreted, coincide with and anticipate those of political economy. Political economy teaches that restrictions upon commerce are detrimental: the moral law denounces them as wrong. . . . Political economy says it is good that speculators should be allowed to operate on the food-markets as they see well: the law of equal freedom (contrary to the current notion) holds them justified in doing this, and condemns all interference with them as inequitable. Penalties upon usury are proved by political economy to be injurious: by the law of equal freedom they are prohibited as involving an infringement of rights.”

In another section of *Social Statics*, he propounds eugenics outright. “Natural selection,” he says, is a result of: “. . . the continuance of the old predatory instinct . . . [which] has subserved civilisation by clearing the earth of inferior races of men. The forces which are working out the great scheme of perfect happiness, taking no account of incidental suffering, exterminate such sections of mankind as stand in their way, with the same sternness that they exterminate beasts of prey and herds of useless ruminants.”

Thomas Huxley: Darwin’s Bulldog

Now let’s look at the other driver of the Darwin project, T.H. Huxley, the grandfather of Prince Philip’s WWF co-founder Julian Huxley and the personal mentor of H.G. Wells, whom Huxley proclaimed to be one of his two or three best students ever. To introduce Darwin’s bulldog, it is revealing to look first at the kooky Belgian Adolphe Quetelet (1796-1874).

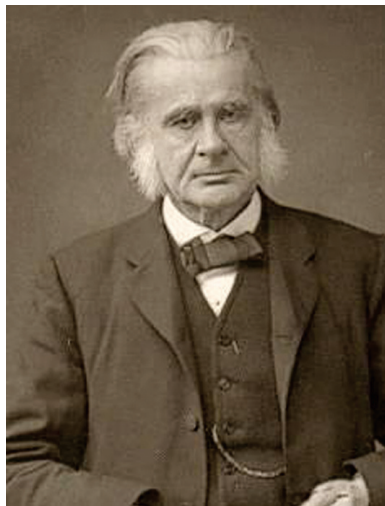
Quetelet was a statistician, a disciple of Pierre-Simon Laplace (the “French Newton”). The latter believed that “all the effects of nature are only mathematical results of a small number of immutable laws.”

Quetelet insisted that statistical laws be applied to human society to create what he called a “social physics,” which Spencer basically copied and renamed “social statics.”

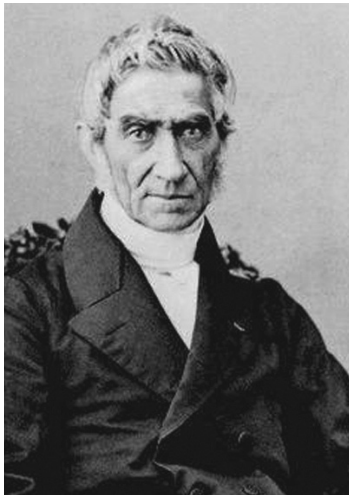
Quetelet’s method was to make ceaseless measurements of the human body, to determine what he called the “average man,” as well as social measurements, such as rates of crime, births and deaths, marriages, and suicides, in order to predict statistical trends for society as a whole. In his book, Quetelet extensively quoted Malthus, and most likely that is how Darwin, who owned Quetelet’s book, happened to “open Malthus for amusement” in the first place, triggering his so-called discovery of evolution.

It was well known already at the time, that Darwin applied Quetelet’s statistical method to species evolution in exactly the same way as Maxwell used it for gases: to cover up his inability to find the cause of individual changes, by statistically predicting the probabilities of overall changes. James Clerk Maxwell relied on Quetelet as well. He tried to use Newton’s mechanics to work out the physical behavior of individual molecules of gases, but he finally declared that to be impossible, and then used Quetelet’s statistics to calculate probabilities, which became the basis for the Second Law of Thermodynamics. Galton, as Darwin’s advisor on statistics, was in regular contact with Quetelet, and used his statistical methods as the basis of his new “science” of eugenics.

One recent author observed: “Darwin’s cousin Francis Galton saw that, as natural selection was basically a statistical theory, natural variation within a species could be tamed by Quetelet’s error law. Galton’s investigation of the statistical distributions of human features and behaviour led him to conclude that there was ‘better’ and there was ‘worse’—that such a distribution implied that men are not ‘all of equal value, as social units, equally capable of voting, and the rest.’ It was then but a short step to the idea of selective breeding to improve the distribution, as he argued in *Hereditary Genius* (1869). Galton’s insistence on the need for statistics in studies of inheritance led him to establish the central mathematical basis of



Thomas Huxley, Privy Councillor



“Social physics” based on the statistical method of Adolphe Quetelet (far left) led Edinburgh anatomist Robert Knox (left) to buy bodies from William Burke and William Hare (above). Burke and Hare cut corners, grabbing people on the street and murdering them.

biometrics, the measurement of biological variation.”¹

It is well known that some of the pioneering work in statistical theory in the 20th Century was done by rabid eugenicists, originally looking, as Galton did, for statistical patterns in large populations.

Quetelet’s method also led directly to one of the most infamous criminal scandals of 19th-Century Britain. Robert Knox, a famous Edinburgh anatomist, was influenced by Quetelet’s idea that anatomical features such as the size and the shape of the brain determined moral behavior, so he performed dissections on human corpses to prove this so-called science of “moral anatomy.” The supply of corpses in Edinburgh couldn’t keep up with Knox’s quest, however, so he deployed his assistant to buy bodies from two locals, William Burke and William Hare. Burke and Hare cut corners, simply grabbing people off the street and murdering them to sell for dissection; they were eventually charged with the murders of at least 16 people, and became so notorious that even today “to burke” someone means to kill them. Knox’s assistant, Thomas Wharton Jones, was, fittingly enough, the teacher of Thomas Huxley. As La-Rouche has always said, statistics leads to mass murder.

Thomas H. Huxley himself was made a Fellow of the Royal Society at the age of only 25, and at 26 a member of its ruling council. Later on, his Royal Society sponsors got him inducted into the Privy Council, the ruling body of the Empire. Since Charles Darwin virtually never spoke in public, Huxley became his mouthpiece, his self-proclaimed “bulldog.”

1. Philip Ball, *Critical Mass: How One Thing Leads to Another* (New York: Farrar, Straus and Giroux, 2004).

Huxley is portrayed as a deep thinker and rationalist, who was committed to overthrowing the “superstitions” of Christianity, in favor of pure science. In reality he was the opposite—a lifelong crusader against actual scientific method, as well as against Christianity. He rampaged against Mosaic Judaism and Christianity in hundreds of pages of writings based upon the work of the medieval irrationalist William of Ockham, who had argued, from sense certainty, that neither truth nor causal physical principles exist, because they can’t be seen, touched, or smelled, and therefore reality consists of mere agglomerations of particular things. Huxley created “agnosticism,” based on Ockham’s doctrine of the Two Truths. Agnosticism says that, while God may exist, that cannot be proven by formal logic; on the other hand, it can’t be strictly proven that He *doesn’t* exist, so I won’t take a position on the matter. It’s real sophistry, since Huxley at the outset ruled out the method of thinking by which the Creator *can* be known.

Huxley was a leading figure in the so-called Working Men’s Movement, which was actually founded by the elite of Cambridge University, just like its successor of a couple of decades later, the Fabian Society. He lectured to these early socialists on Darwinism and “modern scientific method.” His actual affection for the “masses” is captured in the following passage: “The great mass of mankind have neither the liking, nor the aptitude, for either literacy, or scientific, or artistic pursuits; nor, indeed, for excellence of any sort.” And in any case, he said, the “great mass” was doomed to poverty due to overpopulation: “What profits it to the human Prometheus,” he demanded, “if the vulture of pauperism is eternally to tear his very vitals?”

Huxley issued a compilation of his working-man lectures in 1863, as the book *Evidence as to Man's Place in Nature*, to attack the traditional Judeo-Christian notion of Genesis 1:28, that man is made in the image of the Creator (*imago Dei*) and that man's purpose is to continue God's creative work (*capax Dei*). Huxley took up two major arguments in that book. First, he argued that all life originated in the non-living; and second, that the only true scientific method was induction/deduction based on sense certainty. On the first point, in his third lecture, "The Method by Which the Causes of the Present and Past Conditions of Organic Nature Are to Be Discovered—The Origination of Living Beings," Huxley asserted that there is no real difference between living and nonliving matter:

"Thus we come to the conclusion, strange at first sight, that the Matter constituting the living world is identical with that which forms the inorganic world. And not less true is it that, remarkable as are the powers or, in other words, as are the Forces which are exerted by living beings, yet all these forces are either identical with those which exist in the inorganic world, or they are convertible into them; I mean in just the same sense as the researches of physical philosophers [such as James Clerk Maxwell—AL] have shown that heat is convertible into electricity, that electricity is convertible into magnetism, magnetism into mechanical force or chemical force, and any one of them with the other, each being measurable in terms of the other—even so, I say, that great law is applicable to the living world. . . . [S]o that we come to the broad conclusion that not only as to living matter itself, but as to the forces that matter exerts, there is a close relationship between the organic and the inorganic world—the difference between them arising from the diverse combination and disposition of identical forces, and not from any primary diversity, so far as we can see."

Louis Pasteur's work forced Huxley to deny "spontaneous generation," or to pretend to, so he said that, while that of course doesn't happen these days, it is indeed how life started "in the beginning," thus denying the whole point: the principled difference between the abiotic and the biotic. For instance, he gave a lecture in 1870, while he was President of the British Association for the Advancement of Science, entitled "Biogenesis and Abiogenesis." He cited Pasteur approvingly, but then added, "If it were given to me to look beyond the abyss of geologically recorded time . . . I should expect to be a witness of the evolution of

living protoplasm from not-living matter."

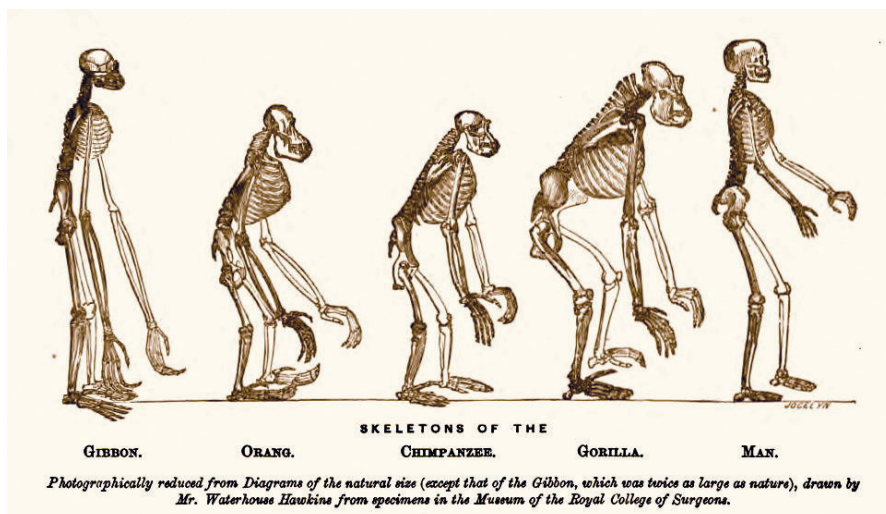
Huxley's buddy Darwin clearly agreed with him. In February 1870, the year before his second book, *The Descent of Man*, was released, Darwin wrote a letter to his friend Joseph Hooker, suggesting that the original spark of life may have begun in "some warm little pond, with all sorts of ammonia and phosphoric salts, lights, heat, electricity, etc. present, . . . [where] a protein compound was chemically formed ready to undergo still more complex changes."

Huxley and Darwin: 'Man Is an Animal'

But Huxley reserved his real passion for the question of scientific method, that is, for his conception of the nature of man: Is man capable of creativity, of acting as a co-creator of the universe, or is he just another animal, shuffling along by pure sense certainty? Huxley argued for the latter, maintaining that whereas many people say that the so-called scientific method of sense-certainty-based empiricism started with Darwin's hero Sir Francis Bacon, on the contrary: "[I]t would be entirely wrong to suppose that the methods of modern scientific inquiry originated with him, or with his age; they originated with the first man, whoever he was; and indeed existed long before him, *for many of the essential processes of reasoning are exerted by the higher order of brutes as completely and effectively as by ourselves*" (emphasis added).

And that was precisely the same as the core of Darwin's argument in *The Descent of Man*. He devoted all of Chapters II and III, both entitled "Comparison of the Mental Powers of Man and the Lower Animals," to show "that there is no fundamental difference between man and the higher mammals in their mental faculties."

Although, with his working-men cover, Huxley polemicized for "good old common sense," his knowledge of the real issues went much deeper. For instance, he launched a tirade in the pages of the popular *Nineteenth Century* magazine in April 1887, titled, "Scientific and Pseudo-Scientific Realism," where he denounced "the men of the Renaissance" [foremost of whom was Nicholas of Cusa—AL], for rejecting Ockham and the Nominalists: "We follow the evil example set us . . . by almost all the men of the Renaissance, in pouring scorn upon the work of our immediate spiritual forefathers, the schoolmen of the Middle Ages [Ockham and his followers, such as the 14th-century "Oxford Calculators"—AL]. . . . [The] goal for the schoolmen, as for us, is the settlement of the question



A famous image from Huxley's *Man's Place in Nature*, showing the alleged descent of man and the other primates from a common ancestor, as proposed by Darwin.

how far the Universe is the manifestation of a rational order; in other words, how far logical deduction from indisputable premises will account for that which has happened and does happen. That was the object of scholasticism, and, so far as I am aware, the object of modern science may be expressed in the same terms."

Terrified that he and his fellow logical positivists had not yet wiped out the Platonic method, he whined, "Consider, for example, the controversy of the Realists and the Nominalists. . . . Has it now a merely antiquarian interest? Has Nominalism, in any of its modifications, so completely won the day that Realism may be regarded as dead and buried without hope of resurrection? Many people seem to think so, but it appears to me that, without taking Catholic philosophy into consideration, one has not to look about far to find that Realism is still to the fore, and indeed extremely lively."

He then ranted against the reality of universals, or physical principles, as being causal, and defended his life-long war against them: The proper topic of the present paper, he said, "is the use of the word 'law' as if it denoted a thing—as if a 'law of nature', as science understands it, were a being endowed with certain powers, in virtue of which the phenomena expressed by that law are brought about. . . . All I wish to remark is that such a conception of the nature of 'laws' has nothing to do with modern science. It is scholastic realism. . . . The essence of such realism is that it maintains the objective existence of universals."

On the contrary, wrote Huxley: "The tenacity of the wonderful fallacy that the laws of Nature are agents, in-

stead of being, as they really are, a mere record of experience, upon which we base our interpretations of that which does happen, and our anticipation of that which will happen, is an interesting psychological fact; and would be unintelligible if the tendency of the human mind towards realism were less strong.

"Even at the present day, and in the writings of men who would at once repudiate scholastic realism in any form, 'law' is often inadvertently employed in the sense of cause. . . . In fact, the habitual use of the word 'law', in the sense of an active thing, is almost a mark of pseudo-science; it characterises the

writings of those who have appropriated the forms of science without knowing anything of its substance. . . . As for myself, I seem to have unconsciously emulated William of Occam [Ockham], inasmuch as almost the first public discourse I ever ventured upon, dealt with 'Animal Individuality', and its tendency was to fight the Nominalist battle [i.e., to defend the Nominalists—AL] even in that quarter."

In his 1894 essay, "Hume, With Helps to the Study of Berkeley," Huxley again spewed hatred for creativity and Platonic ideas: "The Platonic philosophy is probably the grandest example of the unscientific use of the imagination extant; and it would be hard to estimate the amount of detriment to clear thinking" it has caused. Indeed, "in face of the ignominious fate which always befalls those who attempt to get at the secrets of nature, or the rules of conduct, by the high *apriori* road, Platonism and its modern progeny show themselves to be, at best, splendid follies."

But the big block to science, Huxley ranted, was the irrationality of Mosaic Judaism and Christianity: "I had set out on a journey, with no other purpose than that of exploring a certain province of natural knowledge; I strayed no hair's breadth from that course which it was my right and my duty to pursue; and yet I found that, whatever route I took, before long, I came to a tall and formidable-looking fence. Confident as I might be in the existence of an ancient and indefeasible right of way, before me stood the thorny barrier with its comminatory notice-board—'No Thoroughfare. By order. Moses.'" Huxley complained against "the pretensions

of the ecclesiastical ‘Moses’ to exercise a control over the operations of the reasoning faculty in the search after truth, thirty centuries after his age.”

Moreover, he raved, “demonology is an integral and inseparable” part of Christianity: “The further back the origin of the gospels is dated, the stronger does the certainty of this conclusion grow; and the more difficult it becomes to suppose that Jesus himself may not have shared the superstitious beliefs of his disciples.”

Huxley had at least one prominent ally in this war of Darwinism against Christianity, one of the most famous politicians in history, who said: “The law of selection justifies the incessant struggle by allowing the survival of the fittest. Christianity is a rebellion against natural law, a protest against nature.”

Would anyone like to guess who this distinguished statesman was? That was Adolf Hitler.

So these were the two men, Spencer and Huxley, who drove the Darwin Project.

Darwinism: The BEIC’s Ruling Ideology

Given that British society was still largely dominated by the Anglican Church at the time Darwin’s *Origin of Species* was issued in 1859 (half of all the graduates of Oxford and Cambridge, for instance, became parsons), the British East India Company circles had a lot of work to do to make it the ruling ideology of, first, Britain itself, and then of the whole British Empire.

Today I shall not present in detail the findings of our research on the BEIC’s network of exclusive men’s clubs in London and how they promoted Darwinism, but I will mention just one of them, to give you a sense of how this worked. This is a club founded by Huxley himself to promote his Ockhamite religion.

Huxley called a meeting of seven of his best mates and co-thinkers on Nov. 3, 1864 at the St. George Hotel in London. Joined by a ninth member the following month, they called themselves the X Club, and were carefully chosen so as to represent all fields of science. Though not formally a member, Sir Francis Galton, the founder of eugenics and general secretary of the British Association for the Advancement of Science since the previous year, was very close to several of the X Club and a sometime guest at their dinners.

All the X-ers were partisans of Darwin; all but one were members of the Royal Society; and, most important, all were rabid opponents of the Christian conception of *imago Dei*. All were self-described members of

the “great liberal party” of Britain, followers of the BEIC’s Jeremy Bentham and John Stuart Mill. According to a history of the club by Ruth Barton,² “The X Club can be regarded as the cabinet of a liberal party in science. Its policies were to advance research, to reform the public image of science, and to disseminate science and scientific attitudes in society. From 1860-1890 it was influential. It was the party in power between 1870 and 1885. Under the leadership of the X Club science became central to English culture.”

With an appropriate allusion to the Jacobin dictatorship, the Committee of Public Safety which emerged during Lord Shelburne’s French Revolution to send hundreds or thousands of people to the guillotine, this historian concluded, “The X Club, which represented all branches of science, might be called a ‘Committee of Public Safety’ for science.” Indeed, they referred to themselves as such.

Their proclaimed devotion to science and progress was belied by the fact that most or all of the X Club members were devotees of two men in particular: Herbert Spencer, and another agent of the BEIC, Thomas Carlyle, a personal protégé of John Stuart Mill and the messiah of a New Dark Age. Carlyle called explicitly for the destruction of all industrial society and a return to feudalism, where, yes, the lord could torture or kill his serfs, but that would be a more noble existence than that of the modern serfs, degraded by the culture of industrialism.

With the backing of related elite clubs, many of them dominated by the Cambridge University Apostles, over the next three decades the pro-feudal maniacs of the X Club took over most of the top positions in British science, and reshaped the ruling culture of Britain itself. They dominated the Royal Society, as well as most of the top institutions running educational policy in Britain, including the numerous parliamentary committees whistled up to ram through “reform.” As just one example among dozens, Huxley himself chaired the London School Board, which set elementary education policy for the rest of the country, and which the London *Times* declared to be “the most powerful body outside Parliament.”

Such are the basics of the fraud known as Darwinian evolution. Now, let’s look at the process of *real* evolution.

2. Ruth Barton, *The X Club: Science, Religion, and Social Change in Victorian England* (Philadelphia: University of Pennsylvania, 1976).

Real Evolution: the Self-Developing Biosphere

Contrary to the Darwinian kooks, the universe is not a bunch of particles whose random motion somehow brings about order. It's neither chaotic nor unknowable, as these Darwinists claim. Every aspect of the universe is creative, and that's not just a Christian belief, it's scientific truth. If something can't be scientifically proven, then in reality it is simply a belief. That's why we have so many kook religions—including *environmentalism*—which chooses to believe something its advocates can't prove, rather than look for the truth.

We may not have all the answers yet, but what we can prove is that the principle of Creativity governs the anti-entropic progress of the universe, and that process is reflected in every thing that makes up the universe. From the abiotic, to the biotic, to the noëtic, the universe and everything in it is creative.

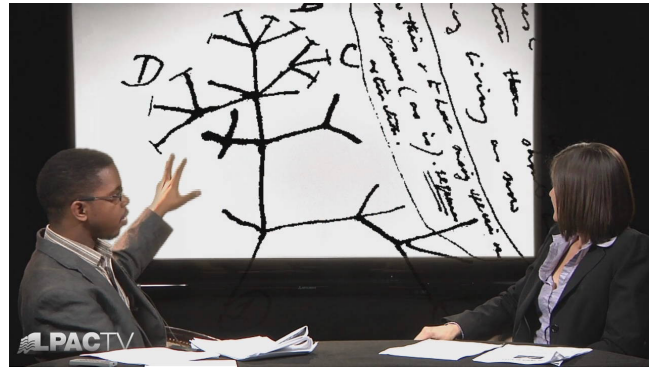
If you look at the fossil evidence of species and changes in their morphological characteristics over time, what's evident is that the universe is an endless progression of change; a series of interconnected cycles of change, which all reflect an upward process of development. Species come into existence and go out of existence, but each new species has come into existence at a time determined by the universe and for the benefit of the universe. This is completely opposite to the entropic, "the-universe-is-running-down" Darwinian view.

And, each new species as it has come into existence has been more complex than the species that existed previously. What also discredits the Darwinists is that new species emerged that were unrelated to any other species, and appeared on different continents at the same time. For Darwin's theory to be true, there needed to be a link, some relationship connecting the new species to the old. The reason paleontologists aren't able to find these "missing links" is because there aren't any.

This is Darwin's evolutionary tree (**Figure 1**). (I am summarizing the material presented by Sky Shields and Alicia Cerretani in the LPAC-TV video "Evolutionary Potential,"³ which I urge you all to watch.) Each branch of the tree is supposed to represent a species which experiences random mutations, causing it to branch out. Some of the mutations are naturally selected to become

3. <http://www.larouchepac.com/node/17607>; also in *EIR*, March 25, 2011.

FIGURE 1



a higher species, which creates a new offshoot from the tree. For Darwin's theory to work, there has to be a link connecting one species to the next.

But let's look at the case of the *Archaeopteryx*

(**Figure 2**), discovered about 150 years ago. The Darwinists tried to claim that this bird-like creature was the missing link between the dinosaurs and birds. After all, it lived in the Jurassic period with the dinosaurs, and it had dinosaur-like characteristics: a mouth with teeth, a long lizard-like tail, and a skeletal structure that resembled a lizard, but with feathers. So the Darwinists claimed the dinosaurs and this new bird-like creature must be related. Their claims ran into problems in the 1980s, when it was realized that there were a number of other lizard-like birds, or bird-like dinosaurs, called *Enantiornithes* (**Figure 3**), which all seemed to come from a different lineage than the *Archaeopteryx*.

In fact there was an explosion of feathered dinosaurs all around the same time, across different continents, which made it impossible for them all to be related. All species at that time were developing feathers of some form, but it appears that it was some time later before any would actually fly. Standard

FIGURE 2



FIGURE 3



natural selection explains changes in terms of “advantages,” but none of the Darwinians’ attempts to explain the first feathers make sense. There weren’t feathers for flying yet—no advantage; there weren’t enough to keep the creatures warm—no advantage; and another idea, that the plumage made them more attractive as mates, is ridiculous—dinosaurs were reproducing long before feathers gave them lingerie!

With the development of feathers and wings over time, the use of forearms seemed to be phased out. At the same time, or perhaps earlier than these feathered creatures were appearing, some species appeared which didn’t express the lizard-type characteristics, but were more closely aligned to our current birds. So it seems like a “parallel evolution” was happening, with two varieties of a similar species popping up around the same period.

You can see in **Figure 4** the fan-tail characteristics that were emerging in dinosaurs.

Another development in birds that can’t be explained by natural selection is magnetoreception, by which birds navigate.

What is the explanation of these massive shifts that occurred all over the world? Did the previous species become extinct, or did they evolve into new species? However it happened, it is clear that some sort of process on the scale of the entire biosphere was determining the need for these shifts.

The Cambrian Explosion

Another example of an upshift in the ordering of species is the Cambrian explosion of life, and of the diversification of life, beginning about 530 million years ago (**Figure 5**). Suddenly creatures of all types were developing skeletal systems, and there was no common skeletal factor previously to relate that to. The chemical structure of the skeletons themselves was so diverse, that there wasn’t any way of explaining this upshift. For instance, if the skeletons had all been made of calcium, then perhaps their coming into existence could have been explained as a necessity of

FIGURE 4

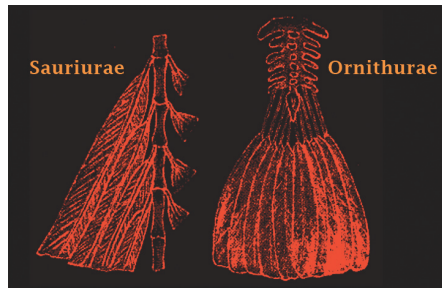


FIGURE 5



FIGURE 6

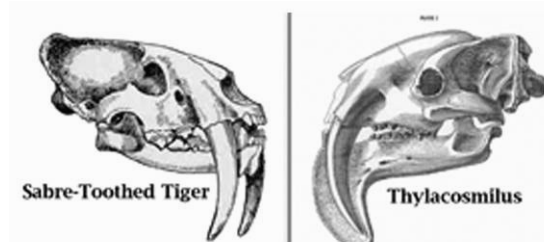
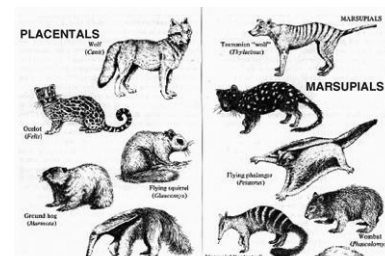


FIGURE 7

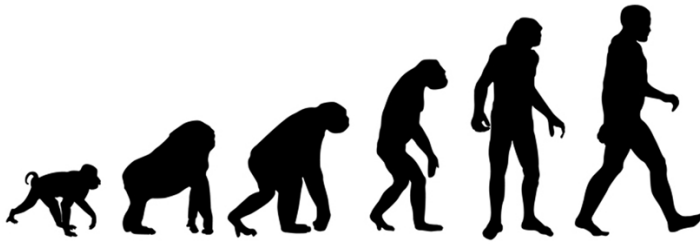


the biosphere, in order to absorb excessive calcium. But that wasn’t the case; the chemical makeup of the skeletons was varied, the only related consistency for these species was that they all expressed the characteristic of a skeletal structure, first externally, and eventually internally.

Also, around a similar period as the bird diversification, there is evidence of several attempts by reptiles to become mammals. This was a huge upshift in the organization of species, because it was a leap from cold-blooded reptiles to warm-blooded mammals, with other characteristics not seen before, such as the ability to rear live young, the ability to eat plants or animals, varied teeth structures (**Figure 6**), and a more advanced hearing capability. And it’s as though, at a certain point, it were simply “time for this to occur.”

This mammalian explosion produced three broad classes of animals, not all of which are present worldwide (**Figure 7**). For example, we have the pouched marsupials, which are almost unique to Australia, New Guinea, and nearby islands in the continental shelf of Sahul. They don’t appear anywhere else in the world (except for the opossum). Placental mammals are the most diverse group, with nearly 4,000 species, and they can appear anywhere in the world. Animals of the monotreme order lay eggs, but then the hatched young are fed on their mother’s milk; they exist in various regions of the planet, but only five species remain.

FIGURE 8



The marsupials and mammals are quite different, in addition to the confinement of marsupials mostly to Australia. Yet saber-tooth species within these classes developed in the same time period.

Even more amazing is, if you compare a chart of modern mammals with a chart of modern marsupials, you see that analogous types of creatures have developed within each of these classes. There's a placental cat and a marsupial cat; the same goes for dogs, flying squirrels, etc. This parallel evolution is a characteristic of development in all living organisms.

In the case of man, the heavily promoted Darwinian idea is that man is simply a higher form of animal. I think everyone has seen the chart in **Figure 8**, depicting the evolution of man from a monkey.

This first version of this imperial view of man claimed that, prior to the development of *Homo sapiens*, that is modern man, Neanderthal man fit somewhere in that line-up, as did man. Investigations into their habitats, however, as well as morphological analysis, showed that Neanderthal man and Cro-Magnon man were contemporary and not related. This is where the ugly face of British imperial control over science emerges, to crush any idea that mankind's characteristic is creativity. The British paleontologists concocted the lie that Neanderthal man was inferior, and had therefore been naturally selected for extinction. But the evidence about Neanderthal man shows real human creativity, such as his capability for making tools. The thought police quash that evidence, to support the theory that Cro-Magnon man was the "fittest" to survive.

In 2010, genetic analysis showed the possibility that modern man pos-

sessed genes from both Cro-Magnon and Neanderthal man, suggesting that these two seemingly distinct species were capable of being absorbed into one another. This would mean that, rather than these species being selected by their "fitness" for either extinction or survival, they converged into a more complex, better organized state of mankind, which we know as modern man. It is as if the biosphere determined that it was time to produce man, and, as happened with birds and other species, its seemingly separate attempts were all successful, and converged into modern man.

This gets to the question of what drives such creativity. What causes these successive changes in species which reflect the process of the biosphere becoming much more complex? Each progression takes the biosphere to a higher level of complexity or energy flux density. The increased ordering of things increases the overall energy of the universe itself.

There are two galactic cycles that influence our Solar System, and therefore the Earth: One is a 62-million-year cycle and the other's period is 145 million years. Tectonic and other cycles on Earth are connected to activity within our Solar System, such as the Sun's increased solar flare activity, and cosmic radiation emitted from the Sun, nebulae, and supernovas. It's highly likely that the mass extinctions of species, shown in the fossil record, are caused by this activity; in turn, the extinctions occur in cycles which correspond with the 62-million-year cycle of our Solar System's movement up and down through the plane of our galaxy (**Figure 9**), and the larger 145-million-year cycle corresponds to a proposed motion of our Solar System around the

FIGURE 9

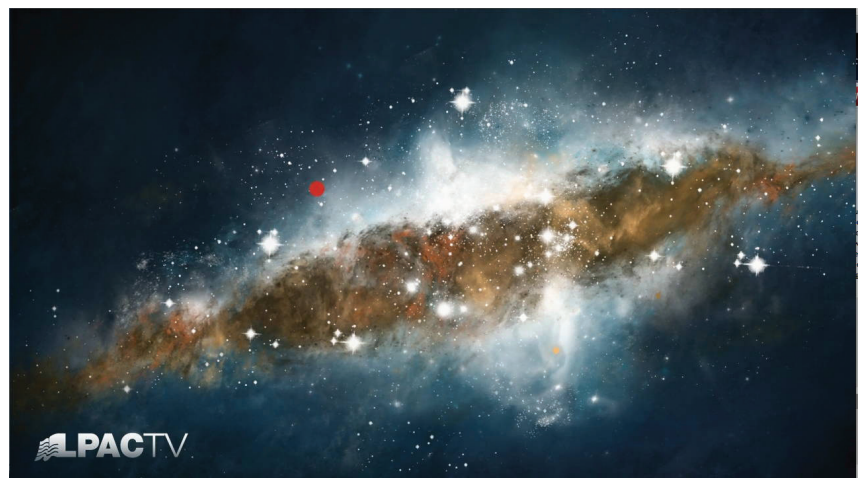


FIGURE 10



galaxy, and through the spiral arms of the galaxy (Figure 10).

As the Solar System traverses through the galaxy, absorbing cosmic ray fluxes and experiencing variations in gravitational forces, those changes become dynamic factors in the self-development of the Earth's biosphere. An example of this dynamic self-developing biosphere is the creation of the ozone layer. The original single-celled organisms that lived in the oceans photosynthesized sunlight, producing oxygen as a by-product. The oceans then were saturated with soluble iron, which bonded chemically with the oxygen to form insoluble iron oxide, which sank to the ocean floor, and, over millions of years, built up iron deposits. This process fluctuated, because periodically the soluble iron would be depleted by the oxygen bonding, and the photosynthesizing single-celled organisms would die off, because the build-up of the very oxygen they were producing as the by-product of photosynthesis was deadly to them. When tides, upwellings, undersea volcanoes, and other events increased the iron levels again, the bonding process would once again lay down another iron deposit.

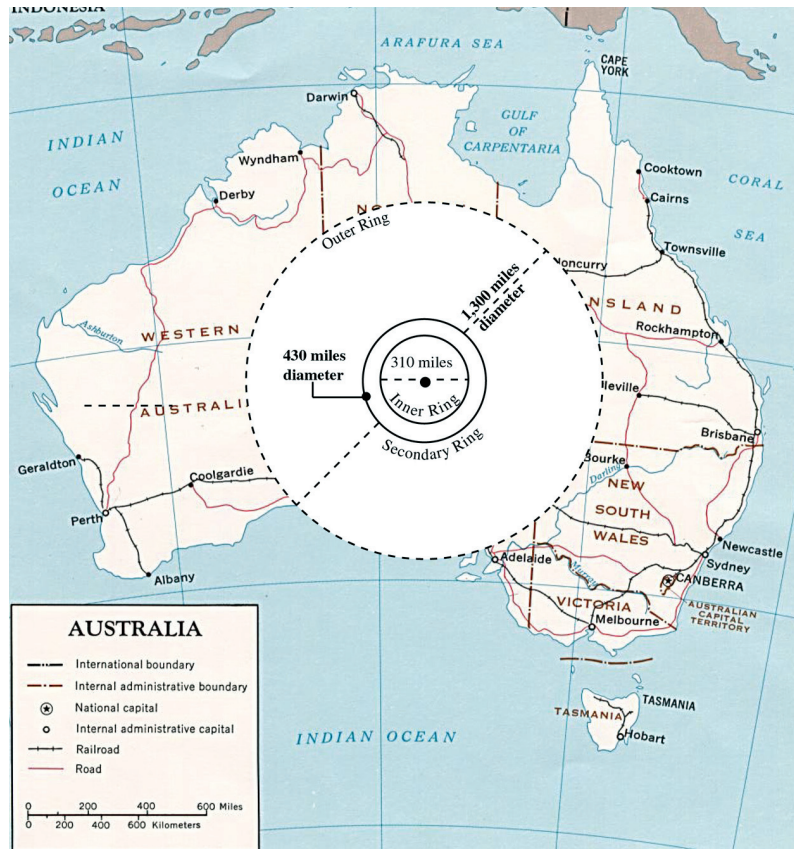
Over time, this led to the emergence of multi-celled cyanobacteria that could tolerate high oxygen levels, to take over from the single-celled organisms. As the oxygen levels in the oceans continued to increase, oxygen started to rise up from the oceans into the atmosphere. In the atmosphere, the

oxygen molecules underwent a chemical reaction with cosmic rays to form ozone, which provided a layer of protection from the Sun's most harmful, ultraviolet rays. In turn, this allowed the emergence of new species that wouldn't have been able to exist without the protection of the ozone layer, including, eventually, the emergence of species from the ocean and onto land.

This process is dynamic, not mechanical. Each event is determined by, and in turn determines, the biosphere as a whole. In turn, the biosphere is inseparable from the Solar System, the galaxy, and the universe as a whole.

Look at the example of the incredible Massive Australian Precambrian/Cambrian Impact Structure (MAPCIS) (Figure 11), dated at 540 million years ago. Only recently identified, MAPCIS may have been the

FIGURE 11
Massive Precambrian/Cambrian Impact Structure
 (545 Million Years Ago)

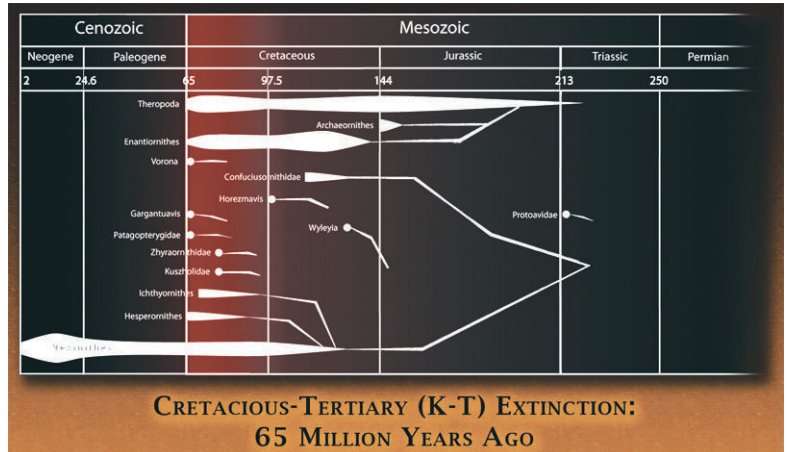


Art by EIRNS/Stuart Lewis

most massive meteor impact in the Earth's history, and it hit right here in Australia, leaving a total impact zone over 2,000 km wide. Chinese scientists attribute the impact to enhanced gravitational forces, caused by the position of the Solar System, which was inside a spiral arm of the Milky Way galaxy. Other experts point to this event as being the trigger for the Cambrian explosion. The impact was so great that it melted and showered the Earth with mineral feldspar, consisting of potassium, magnesium, and calcium. Over the next several million years, these minerals fertilized the then-barren continents and the oceans, changing the conditions to allow for an explosion of new life.

The last mid-plane crossing of the galaxy arm by the Solar System was around 65 million years ago, which coincided with the Cretaceous-Tertiary or K-T extinction period (Figure 12). This crossing relates to the period when all these changes I've mentioned occurred: the extinction of the dinosaurs, the shift from reptiles to mammals, and flying birds as opposed to

FIGURE 12



winged reptiles. Man as a species, first seen in *Homo habilis*, better known as tool-making man, only emerged around 3 million years ago. Morphologically he doesn't resemble what we know as modern man, but he did express the characteristic that is unique to man—our ability to organize the lower phase-spaces, the abiotic and the biotic. The fact he could make tools showed he was creative, an expression of both cognition and reason. He had a reason to make tools, and then applied his mind to make that happen. No other species can do that. All species express the creative principle that drives this upward progression, but only mankind is willfully creative, our defining quality which reflects the Creator.

What environmentalists choose to suppress, is that this Earth that they profess to care so much about is part of our Solar System, which is part of our galaxy, which is a relatively small galaxy amongst the billions of galaxies that make up the universe. Many of the varieties of species or breeds in existence today are a result of man's willful ability, and that's despite the British liberal brainwashing and looting. Now mankind is at a turning point, and our role is to recruit people to be useful participants of the human species, because that's what the universe expects from us.

If you think about it, mankind came into existence for the benefit of the universe, to improve the complexity of the universe, which we do through the discovery and development of the physical principles that govern the universe. If we continue to tolerate Liberalism, and turn our backs on our responsibility to the universe, then we most likely will find ourselves sharing a future with the dinosaurs.

LPAC VIDEO

TO BE OR NOT TO BE: A GALACTIC QUESTION

If we recognize that to man is granted a higher identity, above the simple perceptions of our mere mortal coil, an identity consistent with the greatest achievements of Classical arts and science, then we must locate our mission not in what is, but in what must become.

<http://larouchepac.com/galactic-question>

A Showdown Moment

On Nov. 18, Lyndon LaRouche received reliable reports from highly placed sources that the mobilization that he has led over the past weeks, against the British-Obama thrust toward thermonuclear confrontation with Russia and China, has led to a disruption of the British imperial timetable for war. This buys crucial time for patriots to take the next step—removing Obama from power.

On Nov. 21, LaRouche noted that this temporary success, has “created a degree of added stress within the trans-Atlantic financial-political process which might probably lead, soon, into the ouster of U.S. President Obama.” He continued:

“There are, presently, five leading factors in such a potential ouster of that U.S. President.

“The first, and foremost among the potentials for President Obama’s ouster, is the difficulties in the way of moving the permanent institutions of the U.S. defense establishment into a war which those institutions abhor as not only a silly pretext, [but] even far worse in its clear consequences than the launching of the U.S.A.’s war in Indo-China. . .

“Second: the launching of such a military adventure as that being launched by the British monarchy and the British puppet known as President Barack Obama, would have the included consequence of being what is intended to be a thermonuclear assault, which would ensure an early and rapid disintegration of the present institutions of government throughout the planet.

“Thirdly: The actual source of the intention behind this adventure by the British imperial monarchy and its Obama puppet, is the British monarchy’s commitments to a campaign of genocide which is intended, according to the declaration of that monarchy, to initiate the rapid collapse of the human population of this planet, from a presently accounted seven billion persons, to one billion, or

less, rapidly. That expressed intention of the British imperial monarchy, is reinforced by drastic practical changes in the policies of both European and American policies directed, shamelessly and openly, from the British monarchy and its lackeys in sundry trans-Atlantic governments, including that of the Administration of a virtual new Emperor Nero, President Barack Obama.

“Fourthly: in inducing the United States to go into a general, more or less global warfare, where and when a lack of actual *casus belli* is established, the relevant, lawful institutions of the U.S. Presidency responsible for the launching and conduct of general warfare represent a force which comes into play whenever other parts of the Presidency and Federal Legislature are tempted to play foolish and desperate games with mass homicide.

“Fifthly: Were the authorship of the effort to induce the U.S.A. to engage in unlawful, reckless warfare of the sort demanded by the British monarchy, through the instrument of the British puppet known as President Barack Obama, the final decision to go to general war is taken out of the control of President Obama by the forces of the British empire itself. . . .”

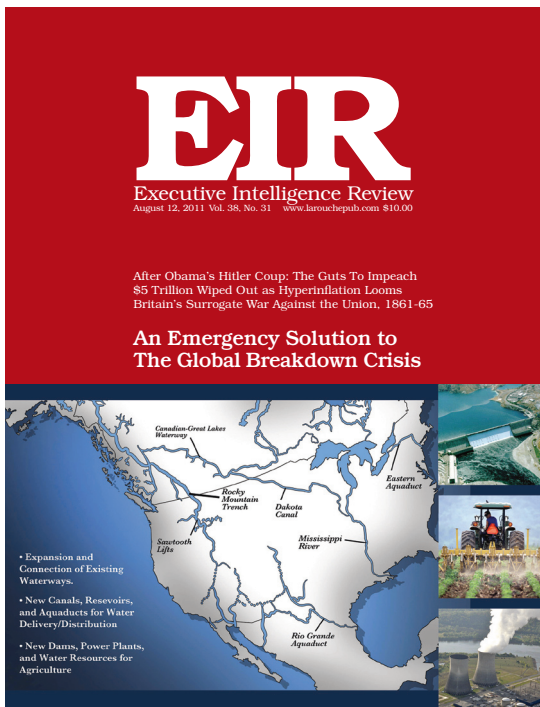
Under these conditions, of course, the bankrupt British financial empire can be expected to become more desperate, and adventurist. Thus, the need for extremely rapid action on the part of those patriots who understand the danger which the bloodlust of the Empire means for both the United States, and all mankind.

We have reached another “showdown moment,” which we cannot afford to miss. The patriots will step up, and take the first necessary step toward securing world peace and economic recovery: removing Obama peacefully from office immediately.

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