Nikola Tesla Quotes Tesla's Lost Inventions the Amazing Tesla Tesla's Flying Machine Tesla's Wonderworld the Tesla Turbine Tesla's Black Box Tesla Chronography Tesla's Earthquake Machine Greatest Hacker? Machine To End War Radiant Energy Receiver Magnifying Transmitter Viktor's Patents Viktor Schauberger The Airship Power From Oceans Dynamic Hydropower Vortex Science Sympathetic Vibratory Physics Walter Russell Water Power WhirlPower Joe Fuel Cell Help Frank Global Energy Tech Applications The Bookstore Products

Wasserenergetisierung Wasserwirbler Wasserfilter www.aquawhirler.com Pharmaceutical Uptakes
Predict the rate of uptake using
the industry's leading techniques
www.inpharmation.co.uk

Car Seat Fabric Stock Lot
Original European Car Seat Fabric
and Headliner stock lots with
Foam
www.modusvivendigroup.com

Art Affair Modern Contemporary Art Collection Neue Talente und bekannte Meister www.art-affair.net

Ads by Google

Advertise on this site

## WHO WAS VIKTOR SCHAUBERGER?

Viktor Schauberger (6/30/1885 - 9/25/1958)

Viktor Schauberger; page ONE (of five sections)

[ Page One (1) and (2)][ Page Two][ Page Three (1)and (2)] [ Page Four][ Page Five ] [ Implosion Technology][ Vortex Science ][ Viktor's Ocean Power System ][ Viktor's Patents ]

Organize and share photos with friends.
Google's photo organizer.

Use Google's SiteSearch technology...

Search

Web www.frank.germano.com

- Page One -

# Viktor Schauberger,

#### **Time-Line Biography:**

- 1885 Viktor Schauberger was born on June 6th in Holzschlag, Mühlviertel region, in Upper Austria.
- 1914 Shortly after the birth of his son Walter he was called up for military service (First World War 1914-1918.
- 1919 Junior forest warden, senior forest warden, game keeper;
- 1920 24 head warden of the forest and hunting territories in Brunnenthal/Steyerling, district of Kirchdorf/Krems in Upper Austria, under Prince Adolf von Schaumburg-Lippe.
- 1922 Schauberger designs and builds timber flotation installations in Steyerling, based on his observations of nature. Reduces logging costs to one tenth. Promotion to "Wildmeister".
- 1924 Imperial adviser on timber flotation installations
- 1926 Timber flotation installation in Neuberg an der Mürz/Styria
- 1928 Construction of further flotation installations in Austria, Yugoslavia and Bavaria.
- 1929 First applications for patents in the fields of water engineering and turbine construction.

- 1930 Film "Carrying Water" (Tragendes Wasser) about the log flumes in Neuberg.
- 1931 Experiments with extracting electrical energy directly from water (Water Capillary Research)
- 1932 Production of Pure Water; fuel production from water.
- 1933 Publication of his first and only book "Unsere Sinnlose Arbeit" ("Our Senseless Toil") in Vienna.
- 1934 Meeting with Hitler, discussion about fundamental principles of agriculture, forestry and water engineering. Schauberger refuses to work for the German Reich.
- 1935 Application for two patents: "air turbine"; "procedure for lifting liquids and gases".
- 1937 The "warmth-cold machine", constructed for Siemens, melts in an unauthorized test run.
- 1938 He instructs his son Walter to repeat the Water Capillary Research (Lord Kelvin's Falling Water Experiment): A voltage of up to 20.000 volt is achieved.
- 1940 Construction of the "Repulsine" in Vienna
- 1941 An intrigue caused by the Viennese Association of Engineers resulted in Schauberger's enforced confinement in a mental hospital in Mauer-Öhling and in continuous observation by the SS. In Augsburg, Schauberger works with Messerschmidt on engine cooling systems. Correspondence with designer Heinkel about aircraft engines.
- 1942 Start of the "Repulsine" which shattered to pieces on setting it in motion
- 1943 Further development of the "Repulsine". The aim is to develop a submarine engine.
- 1944 Continuous development of the "Repulsine" at a Technical College of Engineering at Rosenhügel in Vienna.
- 1945 Schauberger starts to work on his "Klimator". After the end of the war, observation of his work by the American occupying forces and confiscation of all his devices and materials. Transfer to Leonstein in Upper Austria.
- 1947 Construction of further "water refining apparatus" in Salzburg.
- 1948 Co-operation with the company Rosenberger in Salzburg concerning the production of apparatus for soil cultivation ("Golden Plough"). Schauberger invents the "Spiral Plough".
- 1950 Taking out patent on "Apparatus for soil cultivation made of copper".
- 1952 Tests with "spiral pipes" at the Technical College in Stuttgart. Schauberger proves his theory that different materials used in pipes influence the friction of the various fluids. Further tests with copper ploughs by the agricultural research institute in Linz.
- 1954 Development of the "suction spiral", the centrepiece of the so-called Heimkraftwerk ("Home Power Generator") which was demolished during the first test run due to regulatory failure.
- 1955 Publication of the book "Implosion statt Explosion" ("Implosion instead of Explosion") by Leopold Brandstätter.
- 1957 Co-operation with the company Swarovski from Tyrol. Construction of more Home Power Generators. Problems regulating the number of revs can't be solved.
- 1958 An American consortium offers financial means for practical experiments with "Implosion Energy". Visit to Texas with his son Walter. Return to Austria after a heavy dispute. (Schauberger, Viktor) Viktor Schauberger was forced to sign an agreement, forbidding him any further research with Implosion. All documents, models and equipment are left behind in the USA. Five days after his return, Viktor Schauberger dies on September 25th ... Viktor's Children: Walter, Margarete, Huberta

#### Viktor Schauberger: The Father Of Implosion Technology



**Viktor Schauberger** could be called the *father of implosion technology*. The <u>implosion principle</u> is, of course, diametrically opposite to what today's *explosion* oriented technology utilizes. *Implosion* has to do with a self sustaining vortex flow of any liquid or gaseous medium, which has a concentrating, ordering effect and which decreases the temperature of the medium, in opposition to the dictates of "modern" thermodynamics.

Viktor Schauberger constructed water sluices, which, with controlled water temperature and vortex flow, were able to transport logs of a higher specific weight than would normally allow their transport on water. He proposed a more effective means of utilizing hydroelectric power by his jet turbine (see my article Water Power). In the second world war he was forced to develop his concepts of vortex dynamics at the service of Hitler's military goons, and, is said to have produced working prototypes of levitating disks using these principles.

At the end of the war, the remains of his work fell partly into Russian, and American, military hands. After the war, Schauberger worked on a concept of water-based power generation, through vortex action, in a closed cycle engine. In 1958 he was brought to the USA, by promises of a possibility he

would get his technology further developed and applied. Afterwards, he was thoroughly debriefed, his writings and prototypes were kept, and, he apparently had to sign a legal document and 'promise' not to promote his technology further - all so that he would simply be able to return home to Austria. Five days after his return to Austria - on 25 September 1958 - he died. A book that details some of the life story of Schauberger was written by Olof Alexandersson. The title is "Living Water", available below, through "Amazon.com."

### Viktor Schauberger And His Work -

Olof Alexandersson, a Swedish engineer and anthroposophist, wrote the first popular introduction to the radical ideas of Viktor

Schauberger, entitled *Living Water*. It is now in its eighth printing and has inspired many to go on to *Callum Coats'* in-depth study of Schauberger's ideas, *Living Energies*, which was published in 1996. Callum had met Viktor's son, *Walter Schauberger*, in 1977 and was to spend three years studying with him at his "*Pythogoras-Keppler System Institute*" in Lauffen, in the Saltzkammergut near Salzburg. During that time, Callum was given access to all Viktor's writings.

Viktor Schauberger did not start to seriously write about his ideas and his discoveries until the age of 44, when he acquired a distinguished sponsor in Professor Philipp Forchheimer. As Coats describes later in this volume, Forchheimer, a world famous hydrologist, had been asked by the Austrian Government to report on Schauberger's controversial log flumes, which transported large amounts of timber from inaccessible locations without damage. He was so impressed with Schauberger's discoveries that he asked him to write a paper which was published in 1930 in *Die Wasserwirtschaft*, the Austrian Journal of Hydrology. This paper attracted the attention of the President of the Austrian Academy of Science, Professor Wilhelm Exner, and resulted in a commission to write a more detailed study of his theories for that same magazine under the title *Temperature and the Movement of Water*.

Schauberger's ideas completely flew in the face of conventional ideas of hydrology and water management and, as a result, gained him many enemies in scientific circles. The reason Viktor developed the strong feelings about orthodox scientific research that you will read in this and subsequent volumes was partly to defend himself from their attacks, and partly out of his despair at witnessing the ongoing destruction of the natural environment by their blind and uncaring technologies. It was this despair that motivated him to write his only book, *Our Senseless Toil - the Cause of the World Crisis*. It was published at a time of severe depression ,when many were worried about the future.

After Forchheimer died, Schauberger found another ally in Professor Werner Zimmermann who encouraged Viktor in 1935-1936 to write about the damage being wrought to the great rivers, the Rhine and the Danube, in a small 'new thought' magazine *Tau*. After Schauberger's death, two magazines published further collections of Schauberger's writings: *Implosion* was started by a student and collaborator of Viktor's, and published a number of his articles in the 1960s. *Mensch und Technik* in the 1970s published articles by and about Viktor Schauberger for the more free-thinking scientific community.

**Callum Coats** has skillfully woven together these articles, together with correspondence with other scientists, friends and officials of one kind or another, into a fascinating tapestry which gives a true and very readable account of Schauberger's impassioned campaign to alert the world to the dangers of the prevailing scientific dogma. Unfortunately, not much has changed, and Schauberger's vision of how humanity could work cooperatively with Nature is perhaps more relevant than ever.

Callum Coats arranged this massive amount of material into a large volume, called the *Eco-Technology Series*. In considering this for publication, they realized that it would be much more accessible in several volumes, arranged by theme. This first one, *The Water Wizard*, is devoted to Schauberger's ideas about water and rivers. The second, *Nature as Teacher*, concerns the wider implications of his ideas on water and energy. The third, *The Fertile Earth*, describes the way trees transform energy, and processes of fertilization of the soil. The final volume, *The Energy Revolution*, gathers together the discussion and description of Schauberger's appliances for purifying and energizing water and for producing vast amounts of virtually free energy. Together with *Living Energies*, the *Eco-technology* series give a complete account of the vision and genius of one of the founders of the present ecological movement, and are an inspiration for all those who wish to see our precious Earth saved from extinction by short-sightedness and greed, and the emergence of a new partnership with bountiful Nature. You can view and purchase all of these books through "Amazon.com", and will find the links to each book at the bottom of this page.

This entire section on Viktor Schauberger would not be possible without the *tremendous* amount of work put forward by Callum Coats, and to that we owe a debt of gratitude. Most of the following sections have been transposed from various websites and compiled for your viewing. Several sections were sent to me as email attachments and I have no way of knowing who the original author is. If there are any copyright infringements, please inform me and I will either post a "used with permission" addendum or remove the script in question, entirely.

#### The Natural Eco-Technological Theories of Viktor Schauberger

Viktor Schauberger (30 June 1885 - 25 September 1958) was born in Austria of a long line of foresters stretching back some four hundred years. He developed a gift for accurate and intuitive observation so great that he was able to perceive the natural energies and other phenomena occurring in nature, which are still unrecognized by orthodox science. Refusing to attend University at the age of 18, to the fury of his father, Viktor Schauberger left home and spent a long period alone in the high, remote forest, contemplating, pondering and observing the many subtle energetic processes taking place in Nature's laboratory, where they were still undisturbed by human hand. During this period he developed very profound and radical theories, later to be confirmed practically, concerning water, the energies inherent in it and its desired natural form of motion. These eventually earned him the name of 'The Water Wizard'. For the whole of his life he fought a running and often acrimonious battle with academia and its institutions, since his theories in the main were diametrically opposed to the so-called established facts of science. His practical demonstration of them always functioned as he had theorized, however, for he had come to understand the true inner workings of Nature and was able to emulate them.

Viktor Schauberger's theories afford new insights into the naturally correct or naturalesque management of water. This encompasses its proper handling, storage, and conduction by means that promote its self-purification, the retention and enhancement of its natural energies and health. In this book, the close interrelationship between water and the forest (as a water-producer - not a water consumer) is examined. Also addressed is the problem of soil salinity and how this comes about through over-exposure of the soil to the radiance of the sun through deforestation and faulty agricultural practices, are also addressed.

Indications are given as to how these may be avoided and overcome, due to Viktor Schauberger's radical and fundamentally new understanding of the coming into being and functioning of the groundwater table in relation to soil temperature.

As a natural organism, water is formed and functions according to Nature's laws and geometry, the latter exhibiting none of the elements of the straight line, circle and point, the basis of modern mechanical and technological artifacts. Reflecting Nature's principal constant, namely that of continuous change and transformation, the vortex epitomizes this form of open, fluid and flexible motion. Through his study of the vortices occurring naturally in flowing water and in the air in the form of cyclones and tornadoes, Viktor Schauberger developed his theories of implosion. It was through the research and development of these theories that he was able to produce spring-quality water and generate considerable energies in and with water and air.

In listing some of his accomplishments one could not do better than to quote from his book, "Our Senseless Toil", written in 1933:

"It is possible to regulate watercourses over any given distance without embankment works; to transport timber and other materials, even when heavier than water, for example ore, stones, etc., down the centre of such water-courses; to raise the height of the water table in the surrounding countryside and to endow the water with all those elements necessary for the prevailing vegetation. Furthermore it is possible in this way to render timber and other such materials non-inflammable and rot resistant; to produce drinking and spawater for man, beast and soil of any desired composition and performance artificially, but in the way that it occurs in Nature; to raise water in a vertical pipe without pumping devices; to produce any amount of electricity and radiant energy almost without cost; to raise soil quality and to heal cancer, tuberculosis and a variety of nervous disorders... the practical implementation of this ... would without doubt signify a complete reorientation in all areas of science and technology. By application of these new found laws, I have already constructed fairly large installations in the spheres of log-rafting and river regulation, which as is known, have functioned faultlessly for a decade, and which today still present insoluble enigmas to the various scientific disciplines concerned."

Water and its vital interaction with the forest was Viktor's principal preoccupation. He viewed water as a living entity, the 'Blood of Mother-Earth', which is born in the womb of the forest. Our mechanistic, materialistic and extremely superficial way of looking at things, however, prevents us from considering water to be anything other than inorganic, i.e. supposedly without life but, while apparently having no life itself, can nevertheless miraculously create life in all its forms. Life is movement and is epitomized by water, which is in a constant state of motion and transformation, both externally and internally. In confirmation of this fact, water is able to combine with more substances than any other molecule and, flowing as water, sap and blood, is the creator of the myriad life-forms on this planet. How then could it ever be construed as life-less in accordance with the chemist's clinical view of water, defined as the inorganic substance  $H_2O$ ? This short description is a gross misrepresentation. As the fundamental basis of all life, water is itself a living entity and should be treated as such. Failure to do so quickly transforms it into an enemy, rather than the nurturer and furtherer of all life that it should be.

"This civilization is the work of man, who high-handedly and ignorant of the true workings of Nature, has created a world without meaning or foundation, which now threatens to destroy him, for through his behavior and his activities, he, who should be her master, has disturbed Nature's inherent unity."

Apart from the more familiar categories of water, there are, according to Viktor Schauberger, as many varieties of water as there are animals and plants. Were water merely the sterile, distilled  $H_2O$  as claimed by science, it would be poisonous to all living things.  $H_2O$  or 'juvenile water' is sterile, distilled water and devoid of any so-called 'impurities'. It has no developed character and qualities. As a young, immature, growing entity, it grasps like a baby at everything within reach. It absorbs the characteristics and properties of whatever it comes into contact with or has attracted to itself in order to grow to maturity. This "everything" - the so-called "impurities"- takes the form of trace elements, minerals, salts and even smells! Were we to drink pure  $H_2O$  constantly, it would quickly leach out all our store of minerals and trace elements, debilitating and ultimately killing us. Like a growing child, juvenile water takes and does not give. Only when mature, i.e. when suitably enriched with raw materials, is it in a position to give, to dispense itself freely and willingly, thus enabling the rest of life to develop. Before the birth of water, there was no life. But what is this marvelous, colorless, tasteless and odorless substance, which quenches our thirst like no other liquid? Did we but truly understand the essential nature of water - a living substance - we would not treat it so churlishly, but would care for it as if our lives depended on it, which undoubtedly they do.

"The Upholder of the Cycles which supports the whole of Life, is water. In every drop of water dwells the Godhead, whom we all serve; there also dwells Life, the Soul of the "First" substance - Water - whose boundaries and banks are the capillaries that guide it and in which it circulates. "More energy is encapsulated in every drop of good spring water than an average-sized PowerStation is presently able to produce. "Indeed in accordance with the famous Hasenöhrl-Einstein equation  $E = mc^2$ , in 1 gram of substance, or 1 cubic centimeter of water, 25 million kilowatt hours of energy are stored!

Water is a being that has life and death. With incorrect, ignorant handling, however, it becomes diseased, imparting this condition to all other organisms, vegetable, animal and human alike, causing their eventual physical decay and death, and in the case of human beings, their moral, mental and spiritual deterioration as well. From this it can be seen just how vital it is, that water should be handled and stored in such a way as to avert such pernicious repercussions.

"Science views the blood-building and character-influencing ur-organism" In Viktor Schauberger's writings in German, the

prefix 'Ur' is often separated from the rest of the word by a hyphen, e.g. 'Ur-sache' in lieu of 'Ursache', when normally it would be joined. By this he intends to place a particular emphasis on the prefix, thus endowing it with a more profound meaning than the merely superficial. This prefix belongs not only to the German language, but in former times also to the English, a usage which has now lapsed. According to the Oxford English Dictionary, 'ur' denotes 'primitive', 'original', 'earliest', giving such examples as 'ur-Shakespeare' or 'ur-origin'. This begins to get to the root of Viktor's use of it and the deeper significance he placed upon it. If one expands upon the interpretation given in the Oxford English Dictionary, then the concepts of 'primordial', 'primeval', 'fundamental', 'elementary', 'of first principle', come to mind, which further encompass such meanings as: - pertaining to the first age of the world, or of anything ancient; - pertaining to or existing from the earliest beginnings;- constituting the earliest beginning or starting point;- from which something else is derived, developed or depends; applying to parts or structures in their earliest or rudimentary stage; - the first or earliest formed in the course of growth.

To this can be added the concept of an 'ur-condition' or 'ur-state' of extremely high potential or potency, a latent evolutionary ripeness, which given the correct impulse can unloose all of Nature's innate creative forces. In the English text, therefore, the prefix "ur" will also be used wherever it occurs in the original German and the reader is asked to bear the above in mind when reading what follows. "Water', when looked at as merely a chemical compound that provides millions of people with a liquid is absurd; from this point of view, it is everything but healthy water." But what does modern, de-naturised civilization care, as long as it receives a suitably hygienised, clear liquid to shower, wash its dishes, clothes and cars. Once down the plug-hole in company with all manner of toxic chemicals and detergents, all is comfortingly out of sight and out of mind.

"Our primeval Mother Earth is an organism that no science in the world can rationalize. Everything on her that crawls and flies is dependent upon Her and all must hopelessly perish if that Earth dies that feeds us."

Although the chlorination of drinking and household water-supplies ostensibly removes the threat of water-borne diseases, it does so, however, to the detriment of the consumer. In its function of water sterilizer or disinfectant, chlorine eradicates all types of bacteria, beneficial and harmful alike. More importantly, however, it also disinfects the blood (about 80% water) or sap (ditto) and in doing so kills off or seriously weakens many of the immunity-enhancing micro-organisms resident in the body of those organisms constantly forced to consume it. This eventually impairs their immune systems to such a degree that they are no longer able to eject viruses, germs and cancer cells, to which the respective host-bodies ultimately falls victim.

The appearance of AIDS, therefore, and the enormous increase in all forms of disease, cancer in particular, would have come as no surprise to Viktor Schauberger. Apart from the other inevitable disturbances to the ecology and the environment occasioned by humanity's unthinking activities, he foresaw it all as early as 1933. "For a person who lives 100 years in the future, the present comes as no surprise." Apart from other factors (some cannot be defined quantitatively), encompassing such aspects as turbidity (opaqueness), impurity, and quality, the most crucial factor affecting the health and energy of water is temperature. As a liquid, the behavior of water differs from all other fluids. The latter become consistently and steadily denser with cooling, water reaches its densest state at a temperature of +4°C (+39.2°F), below which it grows less dense. In contrast, water's behavior is anomalous, because it reaches its greatest density at a temperature of +4°C (+39.2°F). This is the so-called 'anomaly point', or the point of water's anomalous expansion, which is decisive in this regard and has a major influence on its quality. Below this temperature it once more expands. This highest state of density is synonymous with its highest energy content, a factor to be taken carefully into account, since energy can also be equated with life or life-force. Therefore if water's health, energy and life-force are to be maintained at the highest possible level, then certain precautions must be taken, which will be addressed later.

Conceived in the cool, dark cradle of the virgin forest, water ripens and matures as it slowly mounts from the depths. On its upward way it gathers to itself trace elements and minerals. Only when it is ripe, and not before, will it emerge from the womb of the Earth as a spring. As a true spring, in contrast to a seepage spring, this has a water temperature of about +4°C (+39.2°F). Here in the cool, diffused light of the forest it begins its long, life-giving cycle as a sparkling, lively, translucent stream, bubbling, gurgling, whirling and gyrating as it wends its way valley wards. In its natural, self-cooling, spiraling, convoluting motion, water is able to maintain its vital inner energies, health and purity. In this way it acts as the conveyor of all the necessary minerals, trace elements and other subtle energies to the surrounding environment. Naturally flowing water seeks to flow in darkness or in the diffused light of the forest, thus avoiding the damaging direct light of the sun. Under these conditions, even when cascading down in torrents, a stream will only rarely overflow its banks. Due to its correct natural motion, the faster it flows, the greater its carrying capacity and scouring ability and the more it deepens its bed. This is due to the formation of in-winding, longitudinal, clockwise - anti-clockwise alternating spiral vortices down the central axis of the current, which constantly cool and re-cool the water, maintaining it at a healthy temperature and leading to a faster, more laminar, spiral flow.

To protect itself from harmful effects of excess heat, water shields itself from the sun with over-hanging vegetation, for with increasing heat and light it begins to lose its vitality and health, its capacity to enliven and animate the environment through which it passes. Ultimately becoming a broad river, the water becomes more turbid, the content of small-grain sediment and silt increasing as it warms up, its flow becoming slower and more sluggish. However, even this turbidity plays an important role, because it protects the deeper water-strata from the heating effect of the sun. Being in a denser state, the colder bottom-strata retain the power to shift sediment of larger grain-size (pebbles, gravel, etc.) from the centre of the watercourse. In this way the danger of flooding is reduced to a minimum. The spiral, <u>vortical motion</u> mentioned earlier, which eventually led Viktor Schauberger to the formation of his theories concerning 'implosion', creates the conditions, where the germination of harmful bacteria is inhibited and the water remains disease-free.

Another of its life-giving properties is its high specific heat - lowest at +37.5°C (+99.5°F). The term "specific heat" refers to the capacity and rapidity of a body to absorb or release heat. With a relatively small input of heat fluids with a high specific heat warm up less rapidly than those with a lower specific heat. How strange then, and how remarkable, that the lowest specific heat of

this "inorganic" substance - water - lies but 0.5°C (0.9°F) above the normal +37°C (+98.6°F) blood temperature of the most highly evolved of Nature's creatures - human beings. This property of water to resist rapid thermal change enables us, with blood composed of 80% water, to survive under large variations of temperature. Pure accident so we are told, or is it by clever, symbiotic design ?! However, since we are used to thinking about temperature in gross terms (car engines operate at temperatures of 1,000°C (1,832°F) or so and many industrial processes employ extremely high temperatures) and despite the fact that we begin to feel unwell if our temperature rises by as little as 0.5°C (0.9°F), we fail to see that non-mechanical, organic life and health are based on very subtle differences in temperature. When our body temperature is +37°C (98.6°F) we do not have a 'temperature' as such. We are healthy and in a state that Viktor Schauberger called 'indifferent' or 'temperature-less'. Just as good water is the preserver of our proper bodily temperature, our anomaly point of greatest health and energy, so too does it preserve this planet as a habitat for our continuing existence.

Water has the capacity to retain large amounts of heat and were there no water vapor in the atmosphere, this world of ours would be an icy-cold, barren wasteland. Water in all its forms and qualities is thus the mediator of all life and deserving of the highest focus of our esteem.

"To Be or Not to Be: In Nature all life is a question of the minutest, but extremely precisely graduated differences in the particular thermal motion within every single body, which continually changes in rhythm with the processes of pulsation. This unique law, which manifests itself throughout Nature's vastness and unity and expresses itself in every creature and organism, is the 'law of ceaseless cycles' that in every organism is linked to a certain time span and a particular tempo. The slightest disturbance of this harmony can lead to the most disastrous consequences for the major life forms. In order to preserve this state of equilibrium, it is vital that the characteristic inner temperature of each of the millions of micro-organisms contained in the macro-organisms be maintained."

The Number 1 enemy of water is excess heat or over-exposure to the sun's rays. It is a well-known fact that oxygen is present in all processes of organic growth and decay. Whether its energies are harnessed for either one or the other is to a very great extent, if not wholly, dependent on the temperature of the water as itself or in the form of blood or sap. As long as the water-temperature is below +9°C (+48.2°F), its oxygen content remains passive. Under such conditions the oxygen assists in the building up of beneficial, high-grade micro-organisms and other organic life. However, if the water temperature rises above this level, then the oxygen becomes increasingly active and aggressive. This aggressiveness increases as the temperature rises, promoting the propagation of pathogenic bacteria, which, when drunk with the water, infest the organism of the drinker.

"Thus the development of micro-organisms and the opportunities for their propagation are simply a result of the condition in which the respective sickening macro-organism finds itself, which will be attacked by these parasites and which eventually must fall victim to them if its inner climatic conditions are no longer strictly regulated."

But this aggressiveness is not confined to the domain of oxygen alone. When water becomes over-heated, due principally to the increasingly widespread clear-felling of the forest, the health-maintaining pattern of longitudinal vortices changes into transverse ones. These not only undermine and gouge into the riverbanks and embankment works, eventually bursting them, but also create pot-holes in the riverbed itself, bringing even greater disorder to an already chaotic channel-profile.

According to <u>Viktor Schauberger</u>, water subjected to these conditions loses its character, its soul. Like humans of low character, it becomes increasingly violent and aggressive as it casts about hither and thither seeking to vent its anger and restore to itself its former health and stability. However, due to the senseless malpractice of the clear-felling of forests, we are destroying the very foundation of life. For with the removal of the forest, two very serious things happen:

- 1. During its flow to the sea, the water warms up prematurely to such an extent that it is warmed right down to the channel-bed. No cool, dense, water-strata remain and the sediment is left lying on the bottom. This blocks the flow, dislocates the channel and results in the inevitable, often catastrophic floods. Yet we still have the effrontery to call these awesome events 'natural disasters', as if Nature herself were responsible. Furthermore, due to the broadening of the channel, even more water is exposed to the sun's heat, resulting in over-rapid evaporation to the atmosphere. In many cases this overloads the atmosphere with water-vapor, which it is unable to retain in suspension. Deluges follow.
- 2. With the forest-cover now removed, the ground also begins to heat up to temperatures much higher than normal and natural. Dry soil heats up as much as five times faster than water. This has a two-fold effect:
  - a). The rejection and repulsion by the warmer soil of any incident rain-water, whose temperature in this case is generally lower. Cold rain will not readily infiltrate into warm soil. This results in rapid surface run-off and no groundwater recharge. The soil dries out.
    - b). An increase in pathogenic microbial activity, harmful to plant life.

The upshot of all this is more flooding, reduced groundwater quantity and lower groundwater table. One flood therefore begets the next in rapid succession. But since there is no groundwater recharge, the water-balance and natural distribution are completely upset. The remaining trees - the vital retainers of water - die, leaving the land barren and desiccated with the necessary sequel of drought. The less the tree-cover, the more extensive the flooding and the longer the period of drought, of *water-lessness*, which is synonymous with *life-lessness*!

Unnatural, quantity-inspired forestry practices, ignorant of Nature's laws, and the over-warming of the soil arising from massive

deforestation are the primary causes of the deterioration in water quality, climate and the sinking of the water table. The channeling of water through straight, unnaturally constructed, trapezoid canals, steel pipelines and other misguided systems of river regulation also force the water to move in an unnatural way and accelerate its degeneration and increase its disease-carrying capacity.

"Wherever we look the dreadful disintegration of the bridges of life, the capillaries and the bodies they have created, is evident, which has been caused by the mechanical and mindless work of man, who has torn away the soul from the Earth's blood - water. The more the engineer endeavors to channel water, of whose spirit and nature he is today still ignorant, by the shortest and straightest route to the sea, the more the flow of water weighs into the bends, the longer its path and the worse the water will become. The spreading of the most terrible disease of all, of cancer, is the necessary consequence of such unnatural regulatory works. These mistaken activities - our work - must legitimately lead to increasingly widespread unemployment, because our present methods of working, which have a purely mechanical basis, are already destroying not only all of wise Nature's formative processes, but first and foremost the growth of the vegetation itself, which is being destroyed even as it grows. The drying up of mountain springs, the change in the whole pattern of motion of the groundwater, and the disturbance in the blood circulation of the organism - Earth - is the direct result of modern forestry practices. The pulse-beat of the Earth was factually arrested by the modern timber production industry. Every economic death of a people is always preceded by the death of its forests. The forest is the habitat of water and as such the habitat of life processes too, whose quality declines as the organic development of the forest is disturbed. Ultimately, due to a law which functions with awesome constancy, it will slowly but surely come around to our turn. Our accustomed way of thinking in many ways, and perhaps even without exception, is opposed to the true workings of Nature. Our work is the embodiment of our will. The spiritual manifestation of this work is its effect. When such work is carried out correctly, it brings happiness, but when carried out incorrectly, it assuredly brings misery."

There is only one solution! Would we live and ensure a sustainable future then we must plant trees for our very lives, but far more importantly, we have a duty to do it for those of our children.

More immediately, however, we must care for the very limited stocks of water still available. This means treating it in the way demonstrated to us by Nature. First and foremost, water should be protected from sunlight and kept in the dark, far removed from all sources of heat, light and atmospheric influences. Ideally it should be placed in opaque, porous containers, which on the one hand cut out all direct light and heat, and on the other, allow the water to breathe, which in common with all other living things, it must do in order to stay alive and healthy. In terms of what we can achieve personally, we should at all times ensure that our storage vessels, tanks, etc., are thoroughly insulated, so that the contained water is maintained at the coolest temperature possible under the prevailing conditions.

The materials most suited to this are natural stone, timber (wooden barrels) and terracotta. Perhaps more than any other material, terracotta has been used for this purpose for millennia. Terracotta exhibits a porosity particularly well-suited to purposes of water storage. This is because it enables a very small percentage of the contained water to evaporate via the vessel walls. Evaporation is always associated with cooling (vaporization, however, with heat) and, according to Walter Schauberger (Viktor's physicist son), if the porosity is correct, then for every 600th part of the contents evaporated, the contents will be cooled by 1°C (1.8°F), thus approaching a temperature of +4°C (+39.2°F).

While the material for the construction of a water-storage vessel has been addressed above, another important factor is the actual shape of the container itself. Most of the storage containers commonly in use today take the form of cubes, rectangular volumes of one form or another, or cylinders. While these are the shapes most easily and economically produced by today's technology, they do have certain drawbacks in terms of

impeding natural water circulation and water suffocation. Due to their rectangular shape and/or right-angled corners, certain stagnant zones are created, conducive to the formation of pathogenic bacteria. Moreover, since the materials used are generally galvanized iron, fiber glass, concrete, etc., i.e. all impervious materials, the contained water is unable to breathe adequately and suffocates as a result. In this debilitated state or as a water-corpse, it is no longer either healthy or health-giving and may require further disinfection. Note: Use the link, below, to purchase this simply fantastic "Ceramic Living Egg" from a company called "Terevite" from Amazon.com (link is at the end of this page, and on others on my website).

Should we now make a study of those shapes that Nature chooses to propagate and maintain life, it soon becomes apparent that the cubes and cylinders mentioned above have no place in Nature's scheme of things. Instead, eggs and elongated egg-shapes such a grains and seeds are employed, presumably because Nature in her wisdom has determined that these produce the optimal results. Historically speaking, it is evident that earlier civilizations such as the Egyptians and Greeks, renown for their logic and constructional ability, were well aware of this, because they stored their grains and liquids (oils, wines, etc.) in terracotta amphorae, sealed with beeswax. All this despite the fact that for all rational, practical purposes, the shape was wholly unsuited to compact and efficient storage in terms of space and ease of handling. It is obvious that the selection of this form over any other was intentional and as the result of certain knowledge of the long-term storage properties of such shapes. In many amphorae that have surfaced in archaeological excavations over the last 100 years or so, grains of wheat have been found that were still viable and even after storage over 2,000 years, grew when planted. This fact alone should suffice to affirm the efficacy of the properties of vessels of such shape.

Flavor Wands

Changes the Hydration Level of the Water in your Drinks. Try & Enjoy! www.Quantumwater.eu

Soil Measurement

Wide variety of meters to measure soil pH, EC and other variables. www.OAsupplies.com

**Precise Temp Control** 

Immediate response to changes in Viktor Shvaiko At Great Prices! process conditions! www.pickheaters.com

**Viktor Shvaiko-The Source** 100% Satisfaction Guarantee.

www.greglanefineart.com

Ads by Google Advertise on this site

Taking Viktor Schauberger's exhortation, "Comprehend and copy Nature!" as our guide, we should therefore make use of the shapes that Nature herself selects to contain, guard and maintain life, i.e. eggs and their derivations. Compared with cubes and cylinders, these shapes have no stagnant zones, no right-angled corners that inhibit flowing movement. By placing our terracotta vessels in shaded areas, exposed to air movement, the evaporative cooling effect will be significantly enhanced and since all natural movement of liquids and gases is triggered by differences in temperature, so too inside the egg-shaped storage vessel, cyclical, spiral, vitalizing movement of the water will be induced.

Movement is an expression of energy and energy is synonymous with life. The external evaporation causes cooling of the outer walls and the water in their immediate vicinity. Being cooler and therefore denser, this water becomes specifically heavier and sinks down along the walls towards the bottom at the same time forcing the water there to rise up the centre and move towards the outside walls. Continual repetition of this process results in the constant circulation and cooling of the contents.

Having discussed the above ideal storage vessel and in view of the fact that they are presently not available on the market, it would be a sorry omission, if methods of improving existing installations were not also addressed. The main factor to be taken into account here is that of exposure to light and heat. Where possible, all above-ground water tanks, whether of galvanized iron, fiber-glass or concrete, should be insulated on all sides and external surfaces through the application of sprayed foam or equivalent thermal barrier to a minimum thickness of 75mm. If not already white or of a light, heat-reflecting color, then it should be so painted. For in-ground tanks, the top surface only need be insulated and rendered white in color.

For many people dams or rivers provide the main source of water and certain simple measures can be taken to improve the quality of the water obtained from them. Providing the surrounding soil is not impervious to water, a hole of suitable dimension, depth and capacity (say 1,000 - 2,000 liters) should be dug about 5 - 10 meters from the banks of the dam or river. If possible the depth should be equal to the depth of the latter. Wells dug next to dams should be situated above the highest water level. If the consistency of the soil is permeable enough, then water will percolate through the intervening soil and into the newly excavated well. Depending on the stability and load-bearing capacity of the soil (a structural engineer should be consulted it there is any doubt), a small concrete, perimeter footing should be placed at a safe and stable distance from the rim of the well. When the concrete has cured and set firmly, then a minimum of 1 course of blocks should be laid to prevent the entry of any surface water. In the case of wells next to rivers, however, it may be necessary to raise the height of the block work to just above the average height of flood waters to prevent contamination of the well water during floods. The well should then be totally enclosed and sealed with a well-insulated timber and sheet-metal roof, or a concrete slab, and provided with an access hatch to service the pump and/or suction pipe and foot-valve. Preferably the pump should be located outside the well-space to avoid any possible oil pollution, etc.

The reason for having the 1,000 - 2,000 liter storage capacity mentioned earlier, is that it may only be possible to pump water intermittently, because the rate of replenishment from the main water source may be fairly slow, depending on the permeability of the soil. In the event that the soil surrounding a dam or a river is impervious, then it would be necessary to excavate a channel about 600 mm wide between the well and the main water body. The lower part of this should be filled with clean, guartz sand to a depth of about 600 mm and the upper part back-filled with the excavated material and compacted. As the water percolates through either the existing soil or the emplaced sand most suspended matter will be filtered out. Also, because the water accesses the well at the lowest level, the water actually transferred from the main water source to the well will be as cool as possible under the prevailing conditions. In this state it is less likely to harbor harmful, pathogenic bacteria, which tend to populate the upper, more highly oxygenated strata of the main water body.

The adoption of such measures on my own property produced an extremely clear, clean, odorless and good tasting water. Despite all outward appearances, however, it is still advisable to have such water tested for quality, purity and any possible contaminants by the responsible authorities. In terms of its mineral, salt and trace-element content, river-water would generally be far richer than tank-water (rainwater). With reference to the immature and mature water discussed at the beginning, in most cases it would be necessary to supplement the mineral content of rainwater, if this is the only source of drinking water, in order to prevent the extraction of these from the body of the drinker. Here the suspension of an artificial-fiber sack (rot-proof) containing the dust of crushed basalt or other igneous rock used for road building (commonly known as 'crusher dust') would do much to enhance the composition of the tank water, because it will hungrily absorb those elements it requires to become mature. However, before adding any crusher dust to the water, it would be again advisable to test the resulting change in the quality by analyzing the difference between two samples of tank water, one with crusher-dust added and one without as a control. Both samples should then be placed in a cool, dark place and left for at least a week before analysis of the mineral content, bacterial purity, etc. is carried out. This should be done by a suitably qualified specialist.

These suggestions for improving water quality are the result of my personal experience and understanding of Viktor Schauberger's pioneering discoveries and theories. Viktor Schauberger's great dictum, frequently asserted, was " C2 - Comprehend & Copy Nature ", for it was only thus that humanity could emerge from its present crisis-stricken condition.

"They call me deranged. The hope is that they are right! It is of no greater or lesser import for yet another fool to wander this Earth. But if I am right and science is wrong, then may the Lord God have mercy on mankind!"

Indeed at the Stuttgart University of Technology, West Germany in 1952 these theories were tested under strict scientific and laboratory conditions by Professor Dr. Ing. Franz Pöpel, a hydraulics specialist. These tests showed that, when water is allowed to flow in its naturally ordained manner, it actually generates certain energies, ultimately achieving a condition that could be termed 'negative friction'. Checked and double-checked, this well-documented, but largely unpublicized, pioneering discovery **not only vindicated Viktor Schauberger's theories. It also over-turned the hitherto scientifically sacred 'Second Law of Thermodynamics' in which, without further or continuous input of energy, all (closed) systems must degenerate into a condition of total chaos or entropy. These experiments proved that this law, whilst it applies to all mechanical systems, does not apply wholly to living organisms.** 

As a result of these discoveries, it was arranged that Viktor Schauberger be taken to the United States in 1958, where sums amounting potentially to many millions of dollars could be made available as start-capital for a Los Alamos-like venture to develop Viktor Schauberger's theories of Implosion. He was accompanied by his son, Walter Schauberger, a physicist and mathematician, to assist in the scientific interpretation of his father's theories. Soon after arrival, however, various misunderstandings developed, too complex to elaborate here, whereupon Viktor Schauberger fell silent and refused to participate. After some three months of silence the project was abandoned. Viktor and Walter Schauberger were then permitted to return to Austria, where Viktor died in Linz some five days later on the 25th September 1958, a very disillusioned man.

On their return journey, Viktor asked Walter to translate his theories of Implosion into terms of physics, geometry and mathematics, in such manner that their veracity was irrefutable. Because Viktor Schauberger's concepts broke new ground, this presented some difficulty. There was no adequate scientific terminology to describe them, nor was there any mathematical basis from which the necessary shapes could be precisely defined or constructed. With his own devices and apparatuses, Viktor Schauberger had also encountered problems of construction, which in part affected the optimum functioning of these machines, because the state and sophistication of the technology then avail-able was inadequate and too cumbersome to build them properly and accurately.

The vital development of a new technology, harmonious and conforming to Nature's laws, demands a radical and fundamental change in our way of thinking and to our approach to the interpretation of the established doctrines and facts of physics, chemistry, agriculture, forestry and water management. As a pointer as to how such a new technology should come about, let me quote Viktor Schauberger once more:

""How else should it be done then?", was always the immediate question. The answer is simple: "Exactly in the opposite way that it is done today!""

(NOTE: All quotations in italics were taken from Viktor Schauberger's writings during the period 1930 - 1933). Let's continue with our exploration of this brilliant man, on water, and on implosion...click on the "next" link below to go to the second section.

Ads by Google Schauberger Viktor Callum Coats Living Energies Nature as a Teacher Process Water



SITE INDEX

**HOME** 

The Wellness Filter Line of Schauberger based water filtration -













[Christian Links]



**Watchmen's Bible Study Group** 



