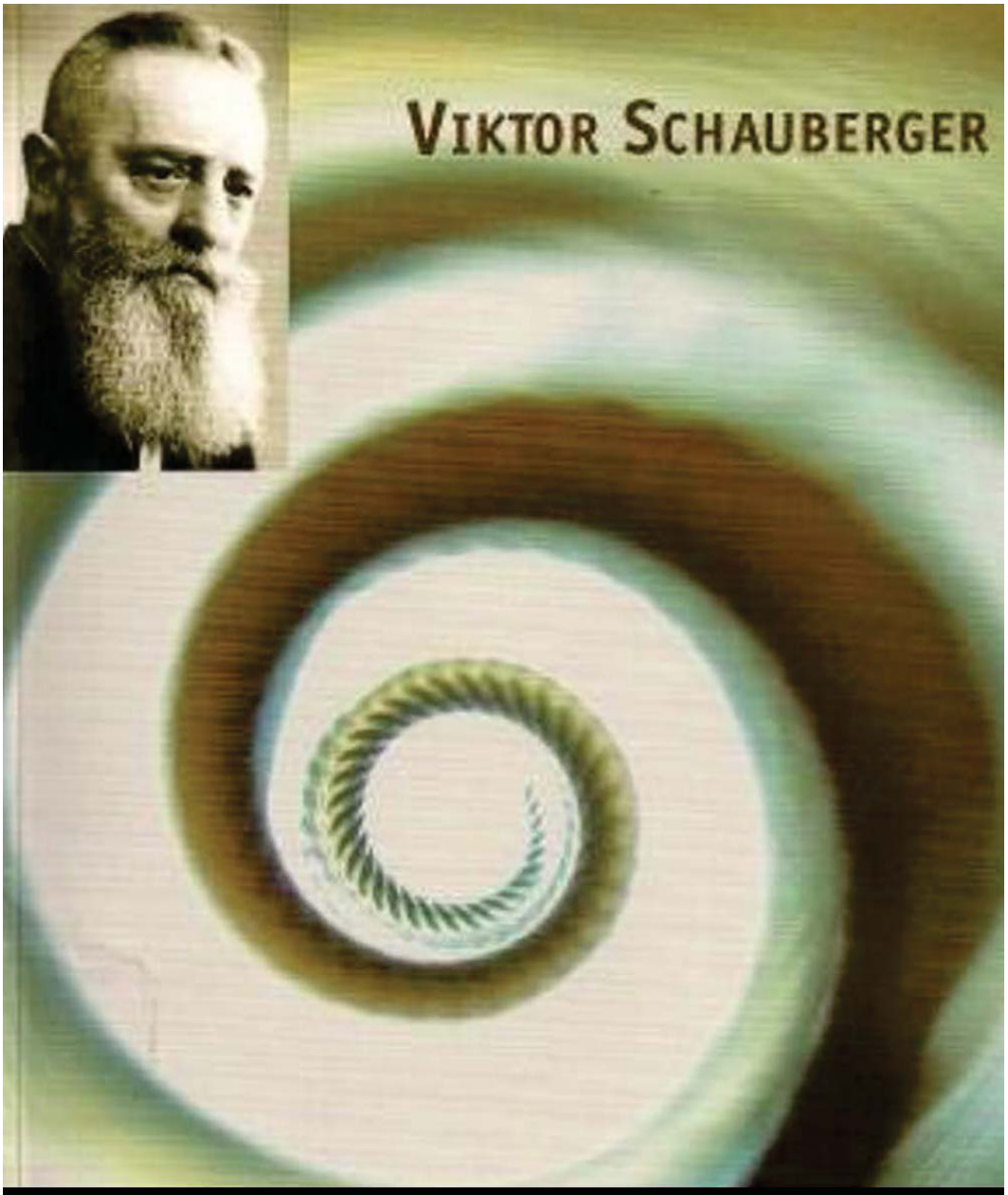

Our Pointless Work

BERSERKER
BOOKS

Contents

Part I

Introduction

I have succeeded in breaking down various substances (elements and their compounds, minerals, metals, etc.) into their basic substances with the help of small temperature differences and transforming them. *In this way, it is possible to generate any energy in and from water.*

The practical application of this discovery cannot be overlooked for the time being, but it undoubtedly means a complete change in all areas of science and technology.

I have already built larger systems in the field of rafting and river regulation using the laws found, which, as is well known, have been functioning without complaint for a decade and still pose unsolvable puzzles for the relevant specialist groups today.

The measures currently used in forestry, agriculture, water and energy management will undergo fundamental changes, as will many doctrines and principles of physics, chemistry, botany and geology. Even medical science will not remain untouched by this discovery.

Furthermore, it is possible to regulate watercourses over any distance without bank installations, to center wood and other materials, even if they are heavier than water, for example ores, stones, etc., to raise the groundwater level country by country and to supply the groundwater with those substances that are necessary for the respective vegetation.

Finally, it is possible to make wood and other materials incombustible and resistant to decay, to produce drinking and medicinal water for humans, animals and soil in any composition and mode of action artificially, but in the same way as it happens in nature, to bring water up vertically in pipelines without pumping devices, to produce electrical and radiant energy of any strength almost free of charge.

to raise soil values, to cure cancer, tuberculosis and nervous diseases.

Of course, within certain limits, I am prepared to allow authoritative persons to gain insight through appropriate experiments so that they can convince themselves of the correctness of what I have said.

I am looking for people of strong character and generous thinking who will help me to bring the many benefits of the laws I have discovered to the whole of humanity, regardless of race or world view. Under no circumstances should the research results be used for personal gain only, but should serve the welfare, peace and recovery of all mankind.

I call on our leaders and our authorities to do everything possible to clarify the following important issues.

May they not be hostile to a cause that is supposed to bring salvation. The time is too serious and too difficult to be prolonged by stubborn resistance. Even if it is understandable that one does not like to give up the God one has worshipped up to now.

The disrupted cycle cause of the crisis

The longing for nature is becoming more and more noticeable in our time.

This urge for nature, which is strong, calm and healthy, is the necessary phenomenon of our time, the counterweight to an inorganic civilization that we mistakenly call culture.

This civilization is the work of man, who has built up a meaningless and foundationless world without regard for what is really happening in nature, which now threatens to destroy him, who should be its master, because he has disturbed the sense of unity that prevails in nature through his actions and his work.

If today we stand helplessly and helplessly before our creations and have to realize more and more that our so-called work with all its worries only serves self-destruction, that there is no glimmer of improvement in any direction and that we are drifting hopelessly towards a gloomy future, then it is also understandable that more and more people, disgusted by this senseless activity, are looking for ways to lead them back to the All-Mother Nature.

Man i s a being created by nature according to its laws and is therefore dependent on it.

In the course of time, his work, the pseudo-culture he created[1] , became a meaningless and incoherent monstrosity which, thanks to the immense power of technical aids, has become such a gigantic monster that it almost resembles our natural world.

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[1] The philosophical concept of culture is not to be thought of here, but rather perhaps the forces of civilization (always on a cultural basis) that have appeared in the world and the economy. The closest we can come to the concept of culture as it is used here is to contrast it with nature as essence and effect. *(This and the next three footnotes are taken verbatim from the original, possibly written by an - unknown - editor)*

but is at least capable of interfering with the great life of nature.

Man, who is only a tiny spark, a micro-organism in the great life of nature, has, inspired by short-lived apparent successes, developed an activity that is beginning to disturb the great coexistence and seems to be putting an end to the qualitative production of our macro-organism Earth.

If, therefore, despite the accumulation of quantities, economic decay spreads all around man and many branches of production show a qualitative decline, indeed, foci of decay are already beginning to form everywhere, which are now already affecting man himself, if, despite all searching, no means can be found to protect man from decay while he is still alive, then this is only the lawful consequence of his own actions. Without knowing the great laws prevailing in nature, he intervened with senseless greed in the life-producing organism of the earth, which now begins to paralyze with elemental force the sacrilegious hand that has dared to disturb the workings of nature that serve the whole.

This law of nature, unique in its magnitude and uniformity, which manifests itself in every living creature and in every organism, is the law of the eternal cycle, which in every organism is bound to a certain period of time and a certain speed.

If this cycle, in which every event is subject to the effect of the past, is accelerated or delayed or even interrupted by some intervening force, it can no longer fulfill its lawful destiny, to which it is subject together with all created things of nature. The organism affected by this is left behind, falls out of the direction of the great current, and all organisms that are chained to it for prosperity and destruction fall into death, which ultimately also causes the hand that intervened senselessly and caused the whole thing to rot.

The causative force is our mind[2] and the soulless technology it has created, as well as our lawless and senseless technical culture, all of which are also the cause of the disruption of the earth's water and blood circulation. So if everything created by this inorganic civilization perishes at the speed of its development, this decline is by no means a temporary crisis, but the natural collapse of a cultural edifice built to dizzying heights without a foundation, whereby w h a t e v e r genuine culture still existed is also swept away.

[2] By moving in the field of appearances, by not being able to look at anything according to its essence (as a thing in itself), as Kant says, thus remaining categorically conditioned.

Nature protects itself

The most effective protection of nature is the frailty of man, his works and his actions, the effects of which must sooner or later destroy him, because a large part of his actions today are directed against all sense of nature. Therefore, it has always been only a question of the effectiveness of his actions and only ever a question of reaching a certain cultural level when the retrograde movement sets in and when everything built with much care and sweat must collapse again.

Once man has reached this stage, nature will get rid of its greatest enemy all by itself and with new power it will rebuild what man has destroyed through his work.

So if more and more people today are resisting this terrible activity, it is usually less out of love for nature than for reasons of self-preservation, which has remained in man as a *natural force.*

The constant efforts of individual people who, looking far into the future, are able to recognize the true face, the nonsense of our work, because they have not yet lost the connection with nature, are probably very serious, but unfortunately little heeded reminders to the world around us, which, carried away by the hustle and bustle of time and distorted by overspecialization, can no longer perceive the details from which the whole of life in nature is built up and maintained organically, pulse by pulse.

Unfortunately, these exhortations to finally come to their senses are just shouts in the wilderness.

Nature only knows indirect ways

How should we do it differently? is the question that is always the same. The answer is simple: exactly the wrong way than is currently being done.

It takes very simple considerations to recognize that nature always takes indirect paths. Only we stubborn humans find it necessary to always take direct paths. We should therefore not complain if we come into conflict with the omnipotence of nature in this w a y .

We would really have nothing else to do but to adapt ourselves wisely to the wonderful laws of nature, to realize that it is pointless and futile to fight against these forces and everything else would then inevitably follow of its own accord. The improvement that we all long for would then come of its own accord.

Nature is constantly pointing us in the right direction. However, these new paths lead in the opposite direction to the one we are taking today. This is only to be expected, as the current direction has led us to our doom.

The following explanations are intended for all those who have a serious desire to follow these paths.

The essence of water

The carrier of the cycle that sustains all life is water3. In every drop of water dwells a deity, which we all serve, dwells life, the soul of the "first" substance - water - whose walls and banks are the capillaries that guide us and in which it circulates.

Every watercourse, consisting of *will* and *resistance,* means constructive work and admonishes us to nurture the vessels, the first and most important body forms, in which the product of an ambivalent power, *life,* throbs.

Every pulse is a vein of this life, which builds its guides and bridges in front of itself in order to distribute the life that is becoming in the earth in the right way and to carry it to heights where it can first become light, beautiful and free.

We humans, who are at the highest level of this structure and, far above everything else, are also blessed with intellect and reason, do the stupidest thing imaginable by constantly trying to regulate these watercourses from the banks, i.e. to influence them mechanically, instead of considering the water as a being.

The absurdity of this activity is clear from the mere consideration that the bank is a secondary result, but the primary thing is the being that forms it, namely the water.

Regulating water from the shore really means combating the effects of causes.

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3 The basic doctrine of the Ionian natural philosopher Thaies (ca. 625 - 545 BC) - *everything emerged from water* - takes on deep meaning and full significance and should by no means be regarded as an idle gimmick. As a Greek, he had intuition that is "a revelation developing from the inner man", as Goethe says. Intuition is spiritual seeing, not insight gained through experience or intellectual reasoning; according to Spinoza, it is the highest kind of k n o w l e d g e because the principles of nature remain purely effective and the categorical nature of the human intellect, which i s unable to grasp the world as multiplex unitas and m u s t therefore necessarily form a highly inadequate picture, does not come into action.

Just as it would never occur to a doctor to mend breaking or transversely changing capillaries in the human body with twine and a needle, it should not occur to a thinking technician to compact the fragile banks of a watercourse with piles and brushwood or to senselessly smear cracks with c e m e n t .

Strangely enough, however, this still happens. Where these measures have led in practice is shown by our entire river courses.

In not a single case was the desired goal, the normal profile, achieved; on the contrary, all such river regulations resulted i n late damage that far outweighed the local and usually very short-lived benefits.

The great rivers, such as the Danube, the Rhine, the Tagliamento, the Adige, the Garonne, the Mississippi, etc., bear witness to the inadequacy of the regulation work carried out at enormous cost and with great diligence.

Quite apart from the enormous damage caused to the lower reaches of these rivers by the purely mechanical regulation work, these watercourses must lose the most important thing, *their great physical values,* as a result of the usual treatment.

Today's dirty gray sludge, called the blue Danube, on whose bottom once shone river gold, the Rhine, the symbol of German power, in which once the Rhine gold flashed, are sad witnesses of these wrong measures. This gold of the Nibelungs was the bed load rolling at night, where the golden glow was caused by the pebbles rubbing against each other. This is because when the temperature of the water decreases, its drag force increases, causing the debris to move. (If two pebbles are rubbed together under water, a golden glow a p p e a r s . This yellow-red glow was mistaken for a gold supposedly lying at the bottom).

Today, this "gold" of the rivers lies heaped together in enormous gravel banks, which are probably now and then destroyed by the living force of the sluggish and dirty water masses flowing over them.

are no longer able to give water "energy" and "soul" as they once did, but can only help to push the soulless body "water" out of its poorly regulated path.

Our clear, cold mountain streams have become wild waters, those lively fellows that, as long as man did not intervene, surrounded by flowering vegetation, tasted every blade of grass, can no longer be tamed even with meter-thick cement walls.

Wherever we look, we see this terrible disintegration of the v e i n s o f life, the capillaries and the b o d i e s built up by them, caused by the mechanical and senseless work of man, which took the soul from the blood of the earth, the water.

And so it was inevitable that the larger and more expensive these regulatory structures became, the greater the extent of the damage.

Almost one million hectares of valuable farmland have been lost in the lower reaches of the Danube as a result of the regulation works carried out in the upper reaches of this river. Similar conditions apply to all other rivers.

The more the technician tries to lead the water, whose meaning and nature he still does not know, on the straightest and shortest path into the sea, the more the watercourse bends, the longer its path becomes and the worse the water becomes.

Water flowing downhill is subject to a great internal law, the power of which our water experts are unable to imagine.

Without this law, every flow of water would have to accelerate more and more and finally turn into steam.

Science claims that water is slowed down by internal and external friction. However, friction is known to be associated with heat generation.

Now, however, it turns out *that the temperature of faster-flowing water decreases*, increasing its drag force and internal friction.

Based on this simple consideration, essential points of the theory complex of hydromechanics taught today are invalid.

So what is the real secret of the steadiness of the outflowing water masses?

The force that slows down water flowing downhill is the energetic resistance that opposes the earth's gravity, the energy cycle that works against the direction of flow and is involved in the metabolic processes that give water its character and therefore its soul. This important process is now prevented by the current way of regulating the flow of water. The logical consequence is the loss of its inner braking force. The water becomes soulless, i.e. characterless and therefore malignant.

The cancerous decay of organisms

The more extensive this work, which disturbs the inner regularity of the water, becomes, the greater the dangers for the banks and the environment; "characterless water" shatters its walls because, having become unsteady, it seeks its soul with its last strength. The masses of water get off the right track, the numerous energy bodies carried by the water are deposited in the tired water, which now turns crosswise and takes away the soul of the organic bodies. These organic bodies, robbed of their soul, their source of energy, now begin to rot, micro-life develops and a cancerous decay sets in in the veins of the earth.

The water penetrating the soil now contaminates the groundwater. The water rising in the capillaries of the soil and vegetation, the earth's blood, carries the germs of this terrible disease into the various forms of vegetation. This results in a qualitative decay of this vegetation, first and foremost a decay of the trees of the forest and subsequently the qualitative decline of everything in which the water circulates.

Finally, slowly but surely, according to a law that works with frightening consistency, it is our turn.

The spread of the most dreadful of all diseases, cancer, is the necessary consequence of these anti-natural regulatory activities.

Of course, other specialist groups are also contributing to this work of destruction.

The forest

These specialist groups primarily include our modern forestry industry, which has been trying in vain for a century to transform the forest, the highest plant organism, into a timber factory. Trees are placed in rows, regeneration and mixing ratios are changed arbitrarily. Nobody has any idea what is going on inside the tree and why the water, contrary to all mechanical laws, can rise with its substances in the capillaries of the trees. Some speak of osmotic pressure, others of irritation of the roots, all of them agree that in the end it is the sun that does it. Only the "how" is unclear to everyone.

Once again, the wish remains the father of the thought. This research work is also mechanical and pointless, because, firstly, every pumping station needs a motor, secondly, it is not enough to tickle the trees at the tips of their feet, and thirdly, the trees are known to cover themselves with branches, a sign that they want to protect themselves from the sun and its direct influence of heat, because it can only provide its benefits indirectly.

But what does our forester care about all this! He simply places the "shade-loving" plants in the light and, lo and behold, the trees become more vigorous.

Unfortunately, this magic also only lasts for a short time. The structure of trees treated in this way becomes looser, more widely meshed and eventually the same thing starts to happen again, which can be seen in our increasingly dirty gutters.

First, discolored spots appear in the cross-section, then the rotting process begins to spread from the center outwards and inside the tree a life alien to the main organism develops in the most diverse forms and shapes - the cancer - to which the macroorganism tree falls victim in the course of time.

The various microbes are now diligently collected, given Latin names, and many people find them rewarding.

The forestryman's job is to register the countless diseases that surround the *single health* of the tree organism in increasing numbers from year to year. Everything overlooks the fact that the sought-after agent of this new life is the senseless work of the forester.

The agriculture

Farmers work hand in hand with our foresters. The blood of the earth is becoming increasingly inferior, the soil is becoming less productive, the need for fertilization is happily there. Now the chemist appears and sprinkles his salts. Unfortunately, even this good man has no idea why and how these salts d i s s o l v e and how the energies that the plant needs to grow and thrive are created.

Only a few years are successful, because after a short time, the soil sprinkled with artificial fertilizer becomes slaggy. Once again, man has worked against nature and happily blocked the last source of nourishment, the capillaries of the soil. The farmer now stands helplessly in front of his field, which temporarily gave him abundant quantities, while after a short time the quality of his fruit, which he had harvested to a small but almost unlimited extent, suffers.

Instinctively searching for the substances in the soil, he now applies his deep plow and destroys the capillaries of the soil. And now the same thing h a p p e n s in agriculture as in our forests. Outwardly, everything seems to be blooming and thriving. But these are only illusory blossoms which, nourished by the rotting pith, a r e now bearing the fruits of decay, the cancer.

The grain loses its starch content, the meadows become mossy, the fields become weedy - only the work and the costs increase. The end is the loss of the clod, the loss of the homeland.

The energy industry

However, the energy technician closes the circle in this hustle and bustle. Coal, the bread of the earth, and, where it is still available in sufficient quantities, water, its blood, provide the energy.

Enormous amounts of energy, especially electrical energy, are generated, but to this day nobody knows what electricity actually is.

The possible applications of electricity are very wide, but the causes of its origin and the effects and consequences of the way it is generated today are unknown.

It has only been a few decades that man has been digging into this accidentally found wealth. The driving water of his works is becoming less and less and worse, the catastrophes on earth are becoming more and more violent, *because man* has stolen *its coal - its bread, its blood* - its *water, its soul* - its *energies.*

But man continues to work incessantly and his misery grows ever greater.

The beginning Doubt

Exact science, the foundation of this working method, is beginning to waver more and more, and people's mistrust of it is growing. The groundwater in the earth is sinking deeper and deeper, the climatic conditions are getting worse and worse, our future is becoming increasingly hopeless, people are becoming increasingly lacking in character. The only thing that grows greater is the need. Mothers are beginning to sell their love and their souls piece by piece on the street, fathers are begging, brooding over theft and murder and the political situation is becoming increasingly unsettled. The stench of this senseless and purposeless economy grows ever greater, the cheeks become ever paler and the artificial red ever brighter.

Weapons of war are becoming more and more terrible, people's fear of people is growing.

Every statistic tells us about the increase in the last and most dangerous disease, cancer.

Our doctors are helpless and helpless in the face of this unrestrained development. The victims of this terrible disease are countless, the knife rages blindly, people are writhing in pain and rotting in hospitals. No one recognizes the causes of the emergence of this terrible plague; everything registers, arranges, tortures innocent laboratory animals and searches for the pathogen of our most dangerous enemy. They will never, ever find it that way, because it is our work.

Questions for Science

And the sun has stood above it all since the beginning, watching in icy silence at the insane actions and goings-on of people who think - and how could it be otherwise given their immediate attitude! - that it is a ball of fire.

The c l o s e r we get to this warmth and light-giving sun, the colder and darker its face becomes. The closer we get to it, the clearer the stars become and as the sun's light fades, so does the warmth, the atmosphere, the water and life.

So what does this sun serve as a carrier for light and heat if, according to our scholars, the universe is empty of air?

Why is the light and heat more diffuse in the tropics, the light at the poles more intense and their heat radiation lower?

Why is the water at the bottom warmer at the poles? Why is it so

icy cold on the sunlit surface?

Why doesn't the warm, light groundwater of the sea rise?

Why are the water temperatures on t h e surface at the equator so warm?

Why does it get colder towards the depths and why does it get warmer again below the boundary layer of +4°C and why does life start again there?

Why do the magnetic energy lines run from south to north and why does the Earth rotate from west to east?

Why does the spinning top stay upright when it is driven sideways?

Why is it so dead in the desert despite all the heat?

Why can the warm Gulf Stream displace the cold seawater and travel thousands of kilometers across mountains and valleys with no mechanical gradient?

Why does the groundwater in the masonry rise so high above the ground surface?

Why do wooden piles not rot under water but always rot above water?

Why do damp tiled roofs dry from the eaves to the ridge? Why does

rising cold water pierce the hardest stone? Why does warm air from

the earth not rise?

Why is it so cold at the mountain tops, i.e. closer to the sun?

Why is it warmer on the ceiling and colder on the floor in our homes when heat is generated by an *artificial* heat source?

Why do the gases contract when the temperature drops and why do the glowing gases of the sun not dissipate into space at the supposed temperature of over 6ooo°C?

Why does marble expand when exposed to heat and why does this stone no longer contract when exposed to cold?

Why do west-east channels seed their banks?

Why are the banks of an east-west channel so bare?

Why do south-north channels seed on one side?

Why do channels flowing into cold seas migrate sideways to the north?

Why is the salt content of the oceans different? Why do

herring migrate north in winter? Why do deep-sea fish

glow?

Why do cold-blooded animals carry the fever-inducing poison?

Why does cold fever occur in the tropics?

Why does a cold cause a warm fever? What is a fever

anyway?

What is temperature?

What is heat?

What is cold?

What is energy?

Why does the heart beat in our chest?

Who gives this muscle the impulse for its movement?

Where is the motor for this pump located?

Why does the blood circulate in our veins?

Why do we breathe day and night, in sleep and even in deep unconsciousness?

Why do the juices in the hen's egg circle without a heart, why does the stone suffocate when we cut off its air supply?

Why do the lightwood species have a thick bark and the shadewood species only a thin bark?

Why does the trout stand still in the torrential stream, as if it had been drawn in by a dam?

Why does the earth float?

Does the heart beat because we breathe or do we breathe because the heart beats?

Where is the heart in the plant? Why

does water pulse and breathe?

Why does the groundwater remain on the mountain slopes and why does it rise upwards, becoming colder and heavier?

Why does it often originate at the highest mountain peaks?

Why are there delta and lagoon formations?

What is evaporation, what is vaporization?

What is a solution, what is a compound, what is absorption and what are the underlying effects of these processes?

Why do we get under-temperature when we go uphill and over-temperature when we go downhill?

The fallacy of civilization

Is there really such a big difference between the breaking shores and the bursting of our blood vessels? Does the last person r e a l l y have to rot alive before we come to our senses and realize that we have all made a mistake? Why do we not want to recognize that it is our pointless work that is ruining us? Are we justified in teaching our children such unfounded knowledge when this science itself has already led us to the very edge of the abyss? Where does our knowledge begin, where does it end?

Does anyone really still dare to t a l k about science and culture? Are our children really wrong if they no longer want to be advised by their parents and teachers and go their own way? Do we s e r i o u s l y believe that we can satisfy hunger with political phrases and bayonets? Are there really still people who hope for improvement through forced labor, when voluntary work has already brought such unspeakable misfortune?

If that is the case, then let nature continue to reign supreme, for then it is doing a great and noble work.

Nature is simpler in its effects and more complicated in its drives than we realize with our categorical understanding.

An experiment

A small and in itself unsightly experiment shows us a great law.

Take a container, fill it with sand and insulate the sides and bottom of the container against external temperature influences.

A temperature of +4°C is artificially created by placing ice at the bottom of the vessel, i.e. conditions are created similar to those we find in the earth.

A U-shaped glass tube is placed in this prepared vessel, into which, in addition to some pure quartz sand, which is therefore almost chemically indifferent, good water is poured that is pure in absorbed and dissolved carbon substances and has not been exposed to the light of the sun.

Two glass caps are placed on the open ends of the U-tube, one of which has two capillaries and the other four capillaries fused on in an open connection.

Once all this has been done, allow the sun's rays to act on the surface of the sand bed. When the water filled in the U-tube reaches the anomaly point of +4°C due to the layer of sand cooled with ice in the deep layer and the surface of the vessel reaches about +20°C under the effect of the sun shining on it, the water, which is known to reach *its greatest density and gravity* at +4°C, begins to lose its equilibrium and, when the two legs of the U-tube are transformed into correspondingly tapered shapes, rises in one of these tubes.

If air is now allowed to enter this U-tube through openings arranged on both sides - as happens, for example, through our boreholes or wells driven into the earth - the water column standing higher on one side sinks and the water equalizes in both legs of the U-tube according to the law of communication.

Why does the water sink when it is brought into contact with the incoming atmosphere?

If the two openings are closed off again from the atmospheric influence and the cold ambient temperatures take effect again, the water slowly begins to rise again after some time.

At night, the process is reversed, i.e. in the capillaries in which the water rises under the influence of light and heat, rest occurs, while the water in the other capillaries now rises. The rising product of the reciprocal equalization processes corresponds exactly to the difference between day and night.

This simple experiment shows us why different substances rise up in plants by day and night, why different blood circulates in our veins. But it also shows us some of the secrets of life and its origins, which are only created by opposites, only by heat *and* cold.

At the same time, this attempt also shows us the nonsensical nature of our purely mechanical and consistently one-sided actions, which we perform as work without knowing the inner laws and their processes.

It would go too far to explain the necessary details and the prerequisites for the success of this experiment.

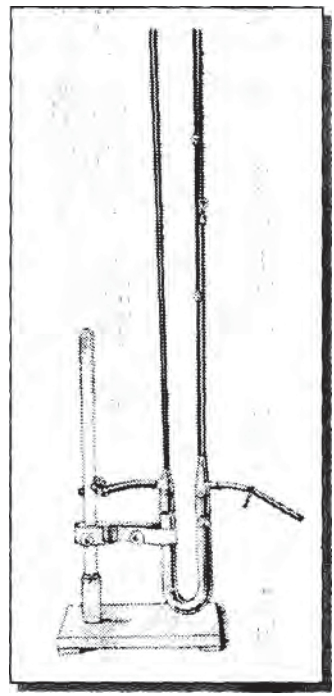
Once again it should be emphasized that every development of a life and the body structure associated with it is not, as people today assume, *only a heat process,* but *also a cold process*; for only opposites can give birth to life.

At this point, it is also not possible to show the subtle differences that exist in each individual decomposition and conversion process, e.g. in growth, and to explain the conditions that are necessary, for example, to be able to convert such energy bodies as coal, metals, minerals, elements and their compounds.

It would go far too far to explain exhaustively how it is possible to collect disintegrated energy components and, to a certain extent, reincarnate them immaterially.

But one thing can be said: Our scholars should give up trying to smash atoms by force in order to obtain free forms of energy from material energy. These attempts are futile and pointless.

Nature shows us with every blade of grass how to make things easier and smarter.



The experiment described in this chapter is also included in the periodical "tau", June 1936, issue 146, with the above picture.

The path to free energies

There is more power in every drop of good spring water than a medium-sized power plant of today is capable of generating.

These energies can be obtained effortlessly and almost free of charge if we follow the paths that nature constantly shows us and leave the wrong paths that our current technology follows.

Happiness and health as well as unlimited amounts of energy are available to us almost free of charge once we realize that in the water, in the blood of the earth, dwells the *will* and its *substance*, life, for which we are fighting so hard today because we are constantly depriving this carrier of all life of the most precious thing through our actions: its soul.

The will of nature is the construction that serves the whole and proceeds by way of atomic decomposition and atomic transformation. Its resistance is our willful, atom-destroying work, the egoistic exploitation of nature.

The only possible consequence of our purely categorical division of the mind, which is imposed on us as children in school, is the loss of creative work. Man loses his individuality, the ability to look at the thing in itself and thus the context of nature. He is approaching a state of equilibrium that *is impossible* in nature, which must inevitably lead to an overall economic decline, because there is no system of equilibrium. Therefore, the laws on which we base our actions are also incorrect because they operate within limits that do not exist.

The work we do is our embodied will. The soul of this work is its effect. It brings happiness when this work is done correctly, and reliably brings misery when this work is done incorrectly.

Human being! Only your will can ever happen, for you are the master of nature if you follow it. Do not complain if you become its servant.

Vienna, May 1933

Part II

Introduction

It is undoubtedly evidence of a healthy, non-degenerate humanity when our young people fight with all their might against the signs of decay that are already appearing everywhere and refuse to plod on dully along the army road that has led us all into a cultural and economic dead end.

May the others philosophize, point to their deductively acquired knowledge in empty phrases, may they, misguidedly or deliberately, spew poison and bile about such developments, our youth is ultimately right when it has no confidence in the skills of its ancestors that bear such fruit and refuses to continue on the wrong path on which our spiritual leaders have led us into misery.

However, revolt alone is not enough. The counter-efforts of our youth will only bring practical success until the causes are recognized and the mistakes made by us and previous generations, which have actually plunged the world into disaster, are identified.

Finding the causes of the problem is only a very small step, however, as the army of so-called experts will stand in the way of systematically rectifying the mistakes that have been made, who represent the current direction and must continue to approve of it because they want to live from it and be provided for until their blessed end.

But even this obstacle would be easy to overcome if the mistakes made could at least be localized to a specific industry.

A thorough examination and investigation of the serious mistakes that have often been made for hundreds of years, however, reveals such an immense spread and ramification of the disease caused by incorrect advice and wrong working methods, and such serious cultural, technical and economic misconduct, that no branch of industry remains untouched and no expert in the field is able to identify the causes.

The fact is that, wherever he may work, he can, even if partly unconsciously, escape complicity.

With the clarification that under the given circumstances almost every expert is threatened in his security of existence, it would also be completely pointless to expect support from these circles and must be expected from the outset with a strong opposition, which, however, is necessary and will contribute much to the clarification. But even this obstacle must by no means be a deterrent, because this is not about the question of the existence of individuals, but, as can be clearly seen from the following, about the existence or non-existence of misguided humanity, i.e. about the whole.

And for this reason it also becomes a sacred duty for people who recognize the consequences of the mistakes they have made to constantly stand up for the correction of the many errors, even at the expense of their own advantages. But the same duty also arises for all those for whom inner feeling only allows the possibility of error to appear as a given.

The most effective means is to make the general public aware of the great dangers caused by incorrect advice and of the futility of pursuing previous goals. Rich and poor, high and low, must be seized by doubt and justified mistrust, which, drawing ever wider circles, finally brings about the inner defensive feeling of the broad masses and which, once awakened, must not be allowed to rest until it has become the judgment of the people and thus of God and then begins to work and help from within.

The purpose of the following remarks is to awaken this inner feeling of defensiveness in the masses.

If we succeed in awakening the mistrust slumbering in every human being and the instinctive premonition of the enormous danger threatening us here, then neither questions of prestige nor the worries of those who are justifiably trembling for their bread will be a significant obstacle to remedying human self-destruction.

However, the experts and scientists who are severely attacked in the following may check everything objectively and refute the many accusations made in the following.

If, however, our water experts cannot refute the meaning of what is said below, then the general public will no longer be as indifferent as before to the increasing danger with each passing day, but will heed the following statements, which, if they are irrefutable, cannot at least be incorrect.

The farmers who are fighting so hard for their land will be best placed to judge whether the following comments are well-intentioned. But also all those who are forced by their profession to earn their bread in the big cities may seriously reflect on what must happen if, in addition to the ever scarcer, ever more expensive and poorer quality bread, water also disappears. But this danger is made even more dreadful by the fact that the remaining water will become the inexhaustible source of the most dreadful disease, cancer, which is spreading more and more and against which, if this disease has progressed too far, there is currently no really effective help.

So let all those people who are not in the fortunate position of being able to draw the cooling drink directly from the healthy source consider where it comes from, how it is supplied and what artificial ingredients are used to make it palatable.

But those people who are forced to drink only sterilized water year in, year out should finally think about how water, which has been violently deprived of its natural ability to generate life by purely chemical ingredients, must affect the organism.

Sterilized and physically destroyed water not only leads to physical decay, but also causes spiritual decay and thus a systematic degeneration of humans and other living beings. The same naturally also applies to all other forms of vegetation and other prerequisites for all life in nature.

The reason why people confuse their cultural and economic decline with a temporary crisis and constantly strive in vain to overcome the ever-increasing impoverishment often lies in the spiritual decline of mankind, which must follow or precede every physical decline.

Our science regards the primordial organism "water", which forms the blood and influences the character, as a chemical compound and administers millions of people a liquid prepared according to these aspects, which is anything but healthy water.

All efforts to persuade our science to admit the serious mistakes it has made are futile from the outset, as it would be judging itself with such an admission.

It must therefore, of necessity, stick to its current doctrines. All other people, however, who still have common sense, should categorically refuse to continue drinking water prepared in this way, because they will degenerate into cancerous, mentally and physically decaying, i.e. physically and morally inferior individuals if they continue to drink such water.

The achievements of the XXth century

We have already become quite accustomed to the fact that millions of people are no longer able to earn their daily bread through honest work, and that some of them are forced to dig up their most basic necessities of life like animals from a dung heap, by begging, by theft, by fraud or even by murder, that our children no longer have any confidence in such working methods and regard their studies as nothing more than a meaningless and pointless occupation, that they flock together and a r e ready to take their rightful place at home with weapons in their hands.

That under such conditions the hospitals and homeless shelters are overcrowded, the penitentiaries and asylums are becoming popular places of care, suicides are increasing, no sensible person believes in the empty promises of our leaders any more and everyone has long since realized this, It is as understandable as it is true that, if there is no radical change in the economic measures taken so far, only a violent decimation of the masses of people who have become superfluous, a well-organized mass murder or, to put it more aesthetically, a modern war might still be able to untie this Gordian knot.

But the strange thing is that both the instigators of the seemingly unavoidable taking up of arms, who are worried about their sinecures or livelihoods, and our children, who are determined to throw their future-less and therefore worthless lives into the redoubt, overlook the fact that this well-prepared sacrifice of other people's lives or the voluntary sacrifice of their own young lives, in a word the horrible self-destruction of the desperate masses of people with poison gas or other weapons, is no longer n e c e s s a r y .

Both sides overlook the fact that these occurrences, which are impossible to reconcile with cultural development, are only natural side effects of the intervention

are a much higher power, which has completely different means at its disposal, means that work much more thoroughly, and what is the main thing, much more penetratingly, than all the weapons of war d e v i s e d by human brains put together, from which, let's be honest, everything hopes for a solution to this chaos.

It is the laws of nature and its balancing justice that will put an end to this culture built by senseless people, if mankind does not come to its senses and realize that it has been badly advised and led by its spiritual leaders.

Despite its supposedly high, technical culture, civilized mankind has reached such a low ethical level that it is no longer able to recognize that this physical and moral decay is nothing other than a continuously progressing cultural decay, which, among other excesses, also leads to deceiving the spiritually blinded mankind by pretending to be the most humane aid measures about the facts of the errors committed.

People's most sacred asset, their freedom of subjective action, feeling and thinking, is literally trampled underfoot by people who have never been able to intervene in a truly helpful way. It makes no difference at all whether these leaders sail under this or that flag; the same drive to rape is present everywhere, because here and there the inner realization of the r e a l causes and thus the ultimate possibility of actually providing help is missing.

Added to this is the fact that our rulers, unable to form their own judgment, must constantly rely on the advice of so-called experts, who, having themselves become victims of the general education, can no longer recognize that it is precisely their advice and the resulting actions that must inevitably turn this earth, which could be a paradise, into a hell.

Unfortunately, it always takes terrible catastrophes or scandalous revelations before people realize that it is only their own mistakes that lead them into misery. These can

The reason why it is so difficult to make amends is that they are usually committed by authorities who do not judge themselves but would rather let millions of fellow human beings perish before they would admit their mistakes in order to protect their own interests.

Even if it is a very thankless task to make the public aware of coming dangers that they do not see or do not want to see, even if it is perhaps a wasted effort to s h o w them the terrible portent hovering over them, the attempt should at least be made. At the very least, the people perishing helplessly in the hospitals and our children should know that they have become victims of the past and the present culture that has arisen from it.

If we want to influence our own life, which is constantly threatened by the danger of other lives coming to life, in a desired direction and protect it from decay, we must either let nature take its course or, if we want to intervene, we must first and foremost become clear about the simplest principles of life.

It is not the purpose of these general explanations to discuss in detail the many clues that the millennia-old views of the world offer us. If brief reference is made to them, it is only because they often have a very deep meaning and their correct understanding is necessary to grasp the whole. Of course, many things will have to be dropped here too, because once people recognize the wonderful lawfulness and the unity that prevails in nature, they will gain in ethics and thus dispense with external appearances.

Just as each individual living being is ultimately a bridge for the construction of the whole, the various religions and world views are only spiritual bridges which, in their often primitive forms, must give way to better ones when the ethical upswing of humanity has overtaken them.

The most powerful bridge for the development of all being is undoubtedly water as a being.

Only a profound study of intuitively inclined people can explore the innermost essence of the life substance "water". Only with the complete exploration of the basic material substance "w a t e r " will it be possible to show humanity, which is decaying spiritually and physically, the paths that will lead it upwards again.

The deep sea water

If our scholars were to examine the deep-sea water more closely, they would recognize that the air absorbed by the water at great depths differs substantially, both qualitatively and quantitatively, in its material composition from the air contained in the pronounced surface water.

This fact is also responsible for the strange phenomenon that deep-sea fish glow and are even capable of electric shocks.

The air absorbed by deep-sea water has a similar composition to that found in some deep-sea springs. Above all, it is the high content of physically dissolved carbon substances and the lack of oxygen with simultaneous protection from the influence of light that give this water its unique character.

Where the seawater at greater depths does not receive gases either by d i f f u s i o n or convection and the oxygen i s also consumed by living organisms, the oxygen in the seawater may even be completely absent locally and therefore such seawater may also be sweet.

From the fact that the carbonic acid content of the atmosphere above the sea is lower than above the land, it can be concluded that the sea surface also directly absorbs carbonic acid. (See Dr. M. P. Rudzki "Physics of the Earth")

Compared to their relatives in the shallow sea, the creatures of the deep sea stand out due to their size, their peculiarly built eyes, their different body strength and often their particularly original shape.

The external environment leaves its mark on each individual and we therefore find certain contradictions everywhere, which can only be explained if we understand the nature of the water in which these organisms live.

One would think that an organism living in the deep sea would have to have a correspondingly strong body because of the mass of water weighing it down. However, in contrast to the fish found at the surf spots, which have robust skeletons and strong muscles, the deep-sea fish have extremely delicate, paper-thin, almost weightless skeletons. It is also attributed to this circumstance that these animals tear when they are brought up. This purely mechanical explanation is also a serious error.

Just as organisms brought up from the deep sea literally explode, the same is true of water brought up from such depths, which becomes warm relatively quickly when the appropriate quantities o f oxygen and deep-organized carbon substances such as oil etc. are added, or bursts its container when completed.

Many a natural phenomenon that takes place in the depths of the oceans would be easily explained if experts were aware of the inner nature and character of deep-sea water. This also applies in particular to the phenomenon of ebb and flow, the real cause of which will be described in a later chapter.

In the same way, our energy technicians would give up trying to obtain electrical energy in the usual way if they knew that it could be obtained directly from the deep sea using extremely simple equipment.

However, these instruments and apparatuses that unhinged the world would soon b e consigned to museums as obsolete, because man does not need to go that far to obtain light, heat and other forms of energy in any quantity, effortlessly and almost free of charge.

The quantitative and qualitative decline in water

For about a decade now, the groundwater has been sinking so rapidly in many areas that it can be counted on the fingers when people will be forced to leave their higher-lying settlements and homes because they will no longer be able to obtain the water they need, or if they do, only at great expense.

As the groundwater level sinks, springs dry up, watercourses run dry and the soil that is supposed to provide us with our daily bread dies of thirst. Elsewhere, the water rises from the earth, rivers burst their banks and the land dries up.

In addition to these already frightening quantitative shifts in the water balance in, on and above the earth, there is a much greater danger - *the qualitative deterioration of the already scarce water resources* - which makes drinking water as well as washing and bathing water directly harmful to health.

Just how far the latter danger has already progressed is clearly shown by a publication in the Daily Mail on August 23, 1933, about the water tests in London's baths and swimming pools commissioned by the press. In these tests, over one million bacteria per cubic centimeter were detected in the water of public baths. This is in places where thousands of people seek recreation, but on the contrary expose themselves to serious infectious diseases.

If this danger already exists in institutions that are under constant supervision, it must be considered even greater where these controls are lacking.

In addition to this fact, the investigations revealed another surprise, namely the finding that where ver-

When attempts were made to prevent this danger through appropriate chlorination, dangerous inflammatory symptoms occurred in the eyes and nasal mucous membranes of bathers.

Sterilization of the water

One of the most difficult tasks in the treatment and purification of drinking water is the sterilization of *surface water* or immature groundwater, which in itself is harmful to health and unsuitable for drinking purposes. This water is usually taken from rivers, lakes or reservoirs or, where these are not available, is pumped from deep wells using pressure or suction p u m p s and made drinkable using chemical additives.

Everyone who is forced to live in cities where the water is sterilized by chemical additives or other measures is probably familiar with the bad taste of mechanically filtered water that *has not been freed from micro-organic substances* and has been artificially spoiled by the addition of chlorine, irradiation or other sterilizing ingredients.

What is not known, however, are the resulting consequences, which are briefly explained below.

If the technician, who has already been educated at school, cannot realize what terrible consequences must result from the continued consumption of sterilized drinking water, the doctors cannot be spared the reproach that they do not recognize the causes of the decay that occurs everywhere. This is all the more serious as they are called upon to constantly observe and study the organic structure of the body and its stages of development.

Even if today's physician must acquire certain technical knowledge and various basic chemical and physical concepts before beginning his actual studies, which, however, often rob him of the connection with reality, at least the physician in practical life should at least become clear about how the constant consumption of merely sterilized water must affect the human body, or whether this type of sterilization may be used permanently at all.

Especially those doctors who often devote their entire lives to researching cancer diseases and who receive sufficient financial support for this purpose should ask themselves how this bacterial life can develop in the human body, or in an organically structured body in general. In any case, it is not enough to merely register the existing facts and endeavor to destroy existing, undesirable life.

The example alone that the development of bacterial life is favored by long periods of standing or slow flowing water in the sun, or in poorly sealed and exposed wells, should show that there are certain correlations here that must be researched first and foremost in order to stop the associated risk of disease.

If this path has not yet been taken, the reason for this is that even our general practitioners have already lost touch with nature in many cases.

All attempts to sterilize the water are ultimately aimed at creating unfavourable or impossible living conditions for the bacterial life that forms in the water under certain conditions in order to destroy it.

Once the water has been made "hygienically perfect" in this way, people are usually completely satisfied and believe that they have done enough. However, no one thinks about the fact that the constant consumption of sterilized water, sterilized milk or other sterilized foodstuffs, apart from other dangers associated with them, such as the microorganisms not removed by today's sterilization, which can quite rightly be described as bacterial candidates, also deprives the human being of certain material energies, which must lead to a reduction in the m e n t a l , physical and sexual potency of the human being and an increase in the danger being combated in the weakened body.

Chlorination of water and its consequences

In today's increasingly difficult supply of drinking and industrial water to cities and settlements, not only is too little attention paid to its solid content, but the *physical* processes in water and its *character* are also completely neglected.

As a rule, it is sufficient to obtain *germ-free,* clear and pure water.

There is hardly a larger city where the water is not sterilized by adding chlorine, irradiating it with a quartz lamp or adding silver, etc.

Through all these processes, oxygen in the sta- tus nascendi or an allotropic form of ordinary oxygen is produced in the water, whereby every living being must perish. If water treated in this way is drunk continuously, the same processes must take place in our bodies as we would like to see in the sterilization process of water.

However, as it is not enough to simply point out this fact in general terms, the processes that take place in a body that constantly absorbs chlorinated water or water treated using other water purification methods commonly used today will be described below.

The devastating consequences that can result from the constant consumption of such water, where only the above aspects are taken into account, are probably best illustrated by the ever-increasing spread of the various diseases that we today summarize under the name of *cancer* (in 1920, 2400 people died of cancer in Vienna; in 1926, 3700 fatal cases of cancer were counted; in 1931, 4900 lives fell victim to this terrible disease. These figures clearly show the rampant nature of the disease).

This terrible disease, which despite all the efforts and skills of our medical research institutes to date can neither be recognized nor effectively combated and whose spread is claiming more and more victims, is above all a consequence of unhealthy or poorly managed water, which is not only involved in the composition of all foodstuffs and our blood, but also determines the quality of the air mixture immediately surrounding the internal organisms.

A look at the statistics clearly shows us that cancer is most widespread in those areas where there is no good spring water available. But even where the water at the source is good and healthy, it becomes bad again when it is supplied through pipes that are often hundreds of kilometers long, so that the graph on the spread of cancer shows the length of the supply line along which the drinking and industrial water flows to the place of consumption.

Of course, the immediate response will be that the water is subjected to every conceivable test and that its respective content of dissolved and absorbed substances is kept in the most precise evidence.

So if we only drink sterilized water, we must also accept the effects that must occur as a result. There is therefore no point in resisting the physical and mental decline that is inevitably associated with this.

But if we don't want to voluntarily and slowly destroy our minds and bodies, we have to look for other ways and try not to cast out the devil in today's drinking water with Beelzebub.

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4 Only recently has a **427 km long water pipeline** been built again **in Southern California.** built to supply Los Angeles

The substance *water*

The right paths lead us automatically back to nature and thus to the source of life, to healthy water, which, lifted by inner forces, gushes out of Mother Earth the higher and the healthier it is when it is ripe, i.e. when it has the right physical composition, and must leave the earth.

Such water has about 96 percent gaseous, physically dissolved carbon substances in the absorbed air content, so that the "psyche" or the character of the water can be described as very high.

There are springs that have such a high content of carbonic acid (although this term is incorrect) that small animals that inhale the vapor precipitated in the surrounding atmosphere drop dead almost instantly (the Dog Spring in Naples).

But such water is also dangerous for humans if it is sucked in directly from the spring by mouth and the rising gases are inhaled. The mountain people call such springs "poisonous water". Today you can still find springs that are avoided by people and fenced off from grazing livestock because, as the saying goes, these springs contain the so-called water worm, which, if drunk in, can lead to death within a few days.

If such water is exposed to the air in a metal container, it warms up disproportionately quickly and a slight bubbling appears on the surface. This phenomenon is also sometimes observed when drilling wells. Where these processes occur, the tapped water sinks quickly and the well soon becomes dry.

If such water is exposed to the air, an abundance of bacterial life can be observed after a short time, and the warmer the water becomes, the less organized it is.

If heated rainwater is poured into such water, a few drops of oil are added and the whole thing is sealed, the contents of the container explode after a short time.

What happened here?

The negative atmosphere, psyche, contained in high-quality spring water oxidizes, i.e. it balances itself out with the warm air, which has a high oxygen content and is therefore predominantly positively charged, and shatters the vessel if an o b s t a c l e is placed in the way of this balancing and a low-organized carbon substance is present, such as oil.

If water of this kind is drunk quickly when the body is heated, the same phenomenon naturally occurs in this body. The person affected feels a stitch in the lungs and is a corpse within a few days. The mountain people refer to these rapidly occurring symptoms of decay as galloping consumption of the lungs. If these cases, which used to be frequent, no longer occur so often today, the reason is simply that such high-grade water has become very rare.

The balancing processes described above, in which the substance "water" provides the necessary resistance, release or bind energy.

Important factors here are the different composition of the atmosphere in terms of material and the different effects of the influx of light depending on the time of year and the position of the sun.

The longer the water is exposed to the influence of light and comes into contact with the air through flowing or mechanical movement (stirring etc.), the more it will lose i t s original earthly sphere, absorb atmosphere, become warm and stale.

The less mature the water emerges from seepage sources etc. or is extracted from the earth, and the lower the original contrasts were, the weaker the balancing processes become, the lower the quality of the energy products and the *less organized* are the microorganisms that can form under these conditions. The mental and physical decay of all organisms activated by inferior water is the necessary consequence.

If, on the one hand, the vital oxidation processes can no longer take place in the appropriate high-quality form in water that has lost the sphere it brought with it from the earth through excessive aeration or excessive exposure to sunlight, then, on the other hand, one can no longer expect high-quality properties and processes from water that has not been able to maintain its inner maturity or has lost its original maturing properties. We should not be surprised, however, if various low-organized organisms develop in such water, which ultimately become dangerous to human life.

This is where the work of the scientists and experts begins, whose one-sided way of thinking will be described below.

If, on the one hand, the supply of oxygen was necessary for the formation and development of living organisms, on the other hand, excessive oxygen enrichment or excessive supply of low oxygen must also endanger their existence.

We find something similar in this respect with ourselves. If we want to visit the sphere of oxygen, the stratosphere, we must take oxygen with us of the same quality as that found in our sphere. The same applies to the supply of fresh water during sea voyages.

If we inject excessive amounts of oxygen into the water, neither a bacterium nor a human being can withstand this in the long term. The former must die immediately, as it would otherwise have no way of breathing, while the latter, who can still breathe healthy air, will die over time.

Since the organic conversion processes in the body depend on a certain composition of the basic substances in the water, the carbon and oxygen groups, a high-quality vegetation structure, regardless of where it takes place, depends on a certain ratio in which quantities and qualities of these substances are contained in the basic structure substance "water".

These quantities and qualities produce in the organism, from which they are absorbed through respiration, through the consumption of food or through the direct supply of water, as a result of the alternating oxidation processes, a certain *internal temperature* which belongs to the respective organism.

A certain internal temperature generates a certain body temperature, which in turn generates a certain immaterial energy that we encounter in a more or less highly organized form as a character. Hence the old saying "mens sana in corpore sano" (a healthy mind in a healthy body).

If the basic substances are changed in their composition, not only the metabolism underlying the further body structure must inevitably change, but also the mental structure and further development.

Briefly summarized: Healthy air, healthy food and healthy water not only result in a healthy body, but also good character traits.

The consequences of previous water purification processes

Current water purification processes under the influence of light significantly change the oxygen content in terms of quantity and quality. The next consequence is metabolic disturbances and thus accumulations of oxygen, which the water supersaturated with this substance cannot process in the body.

The first symptoms of the disease are swellings and tumor-like enlargements of the tissue as a result of pressure, which are particularly visible in the so-called shady wood species that have been exposed to direct sunlight in warm and therefore highly oxygenated soils.

The excess oxygen in the enlarged cells leads to strong acid formation and subsequently to inflammation. These inflammations again cause higher temperatures, the fever, whereby the oxygen becomes more and more aggressive and, due to the lack of other carbon substances, finally even enters into equilibrium with the tissue substances. The consequence of this is the development of low-organized microbes, which begin their vital activity under the right conditions and, in the absence of other food, literally devour the macroorganism body. The pathogen is therefore the indirect product of incorrect balancing processes.

Science refers to this meal as the cancer.

The only defenses available to it so far are the knife or radiation. But if our doctors were aware of why cancerous tumors blossom when the body is opened, or if they understood the burns that occur with excessive radiation, they would no longer use these tools.

It is a remarkable fact that aqua distillata greedily draws gaseous substances from the surrounding air, so that it soon reveals the odor of the substances surrounding it. From

The fact that such sterilized water removes solid and gaseous carbon substances from its surroundings is also u s e d in medicine to purify the human blood. The consumption of such water can only bring about a short-lasting improvement in the general condition and at best only have a stimulating effect. Ultimately, however, such water must have a destructive effect on the organism, as it also removes carbon substances from it, which in this case are not excess waste products, but highly necessary anabolic substances.

The effect of the complete sterilization of the water can therefore only be a very short one, as in any case highly necessary substances are removed from the surrounding medium, which then form the breeding ground for new micro-life.

If sterilization is even attempted by chlorination, then even after the sterilization activity of the aggressive oxygen, it will still be present, which, when it comes into contact with the corresponding carbon particles, gives rise to the formation of micro-life.

The carbon substances in the water can be regarded as negative electrons, the oxygens as positive electrons, which are in an inverse relationship to each other under the influence of temperature.

If we take in good food, good air and healthy, i.e. *ripe* water, highly organized bacteria will develop and consume any low-organized organisms that may form. If we take in bad basic substances, regardless of whether through poor-quality food or water poor in good carbon substances, no high-quality bacteria can develop and the living organisms that develop from low-organized basic substances consume the body that was once inhabited by high-quality bacteria. The correct or incorrect composition of the blood and the energies occurring in it as a result of these remodeling processes are of decisive importance.

The decision as to whether we breed predators or livestock in our own bodies is therefore entirely in our hands, or rather in the hands and brains of experts in the field of agriculture, forestry and water management.

There is a certain uniformity in nature and therefore these symptoms occur in the same way everywhere, as the other types of vegetation also show us.

Mistakes made must therefore have an impact everywhere and therefore also trigger an overall decline.

However, the internal substance content of the water is also decisive for the level of the groundwater table.

As the vertically ascending mountain springs show us, the internal energies in mature water are so great that they are able to overcome the dead weight of the water mass if the conduit vessels have a correct structure and not too large cross-sectional shapes.

Experimental proof of this is easy to provide, as the photograph in the first part shows. 5

The lowering of the groundwater level is primarily a result of metabolic disorders in the groundwater. The disturbance of blood circulation in our body and, of course, the movement of sap in the plants is consistent with this phenomenon.

[5] *Unfortunately, this recording could no longer be reproduced. (Editor's note)*

About micro life

In the following, some examples of previously unknown development possibilities of bacteria will provide instructive information.

In earlier times, floors were made of soft wood material such as spruce or fir. These floors were often washed, but they lasted for decades despite the large amount of water that penetrated into the underlayment beneath the floor. With the development of home decor, the transition was made to hard parquet flooring, which, as is well known, is laid on top of a blind floor made of softwood. If such parquet floors are washed, micro-organisms sometimes form, which then occur in such numbers that these floors disintegrate within a few years.

In such cases, our experts are of the opinion that the wood used was infected. However, the actual facts are significantly different.

The structure of fine hardwood is of higher quality than that of unorganized softwood. Precious wood has higher quality proteins, which only convert slowly under normal oxygen supply.

If corresponding joints remain between the blind floor and the parquet floor, so that no sealed intermediate layer can form between the two different types of wood flooring, these floors will last for decades if the wood quality is appropriate. However, if the upper floor is moistened and the joints close due to the swelling of the wood, a warm and humid layer will form between the two floors which, if the insulation is inadequate, will be supplied with air and oxygen by the groundwater rising in the masonry and not exposed to the sun.

The concentrating oxygen rising with the unsunlit groundwater will expand in the warm, moist layer described above and thus become aggressive. This

oxygen, which is already relatively highly organized and becomes aggressive as a result of heating, first comes into equilibrium with the low-organized proteins of the blind floor. The energies arising during these metabolic processes give rise to the development of certain micro-organisms, which take up their vital activity at the ambient temperatures to which they are exposed and eat away at the parquet floor from bottom to top.

The different types of food and the different microclimates now produce different species of this microorganism, which finally infects the wider environment after the decay of the source of origin. It goes without saying that diseased trees standing in the forest and especially the shady wood species exposed to the light by modern forestry, which therefore have very oxygen-rich sap and a loose structure, are then also infested. However, these phenomena are only secondary and subordinate consequences of the clear-cutting that has been practiced for about 100 years. The serious damage primarily caused by this will be discussed in a later chapter on "Forestry".

As long as water was regarded as lifeless matter and no attention was paid to the internal metabolic processes in water, the question of the origin of the microbial world with all its conditions could not be approached.

It is always the water, or rather the constant remodeling activity that takes place in it, that generates a certain life, which then, regardless of whether it is beneficial or harmful to humans, u l t i m a t e l y serves to build up the whole.

Another instructive example is the question of the living conditions of the so-called grotto olm.

If we examine the water found in subterranean lakes, which is sealed off from any influence of light, we find a highly peculiar atmosphere and no microbial world. Apart from the olms, which are often found in large numbers in these waters, there are no living creatures.

What does the Olm do for a living?

The highly concentrated oxygen content of such water requires only a slight warming and increase in its aggressiveness in order to convert the highly organized carbon substances present there into even higher quality substances, which the oil then absorbs with the atmosphere in this w a t e r .

The respiration process and the body heat of the animal lead to lively oxidation phenomena and thus to increased heat development, which is sufficient to convert the highly organized carbon substances in the animal's body into the nutrients that the olm needs to maintain its life.

If the olm comes into the light and thus into a corresponding oxygen range, the surface of its body begins to change color and the body dies.

If, for example, the olm is placed in a container in the place where it was caught and heated rainwater is poured into the container without b r i n g i n g it to light, the same phenomena occur as described above.

Again, we find the same image that explains, for example, the calm standing of the mountain trout in rushing water. This particularly interesting phenomenon will be discussed in the chapter on "Energy management".

However, the above examples would still not suffice to explain the nature of the fact of primogeniture, which was recognized in the Middle Ages but rejected in modern times.

A simple but instructive example brings us even closer:

It is not for nothing that the places where the often very dark shimmering water flows out of underground mountain lakes are the spawning grounds of fish. If we examine this water at the light barrier, i.e. at the point where it is h i t by incident light, we can see a strange change in the substances contained in such water and the beginning of bacterial life. The closer we get to the light-sealed area, the more highly organized is the bacterial life in the water. The longer the water flows in the light, the more deeply organized it becomes.

If we look at the fish life there, we see the same picture. The closer the fish was to the spring, the tastier it is. Every fisherman knows that the strong trout living near the spring will spurn any bait. Another peculiarity is that these fish can live for months in caves, where they migrate when the water drops during the hot summer months.

The diet of these animals, which live half in daylight and half underground, is very different from that of fish living in the lower reaches of rivers and is similar to that of olms. The consumption of these almost blind fish leads to high sexual potency, a fact well known to high mountain hunters.

A very interesting phenomenon can also be seen in the development of mealworms.

If a container containing only flour is placed in a dry, warm place, few or no worms will form. To obtain larger quantities and better quality worms, add an old wool rag or a bone to the flour and close the pot. The reason that the desired effect now occurs lies in the presence of the added third carbon substance group, the wool rag or bone, which originate from a more highly organized vegetation group than, for example, the flour.

A few other interesting test arrangements are outlined in passing.

If we pour a diluted solution of chromic acid potassium, iron or copper sulphate onto a moist gelatine layer, beautiful deliquescence images are produced, which show a strongly branched, delicate system under the magnifying glass.

If river water is used to produce the jelly and the experimental set-up is placed at the intersection of a positive and negative temperature gradient, various fungi, algae, mosses etc. can be detected under the microscope after some time. If, on the other hand, fresh seawater is used instead of fresh water, a different fauna and flora of this microbial world d e v e l o p s , characterized by more worm-like and meandering organisms.

sized. When the right conditions are created, this microbial world behaves like its brothers and sisters in the macro world, consumes everything around it, engages in a mutual struggle for life, expels what is useless and multiplies at an uncanny speed.

Particularly clear test results can be obtained if, in order to maintain a correct, in this case artificially created, temperature gradient, the test arrangement is carried out in a well-sealed glass body which is insulated from the outside against the outflow of energy.

In addition to a suitable atmosphere for the formation of the desired microorganisms or worms, the presence of a *third, more highly organized* substance is always necessary in order to trigger the energies and create the conditions that we can produce, for example, in the presence of an oil droplet in water of the appropriate composition.

It makes no difference whether these microorganisms are created by their own body energy or by the effect of a suitable, artificially created temperature gradient.

The main thing here and there is the associated climate, which changes in short periods, whereby the energy that forms life is released at the intersection of the individual climatic zones, i.e. at the intersection of two mutually acting temperature gradients.

The prerequisite for this is again a correct ratio of the basic substances, i.e. the oxygen and carbon substance groups contained in the water, the corresponding conclusion and the corresponding body form, in which the internal climate that is appropriate for the respective creature and therefore necessary for its life activity can be formed and maintained.

On this occasion, reference should also be made to a natural phenomenon which science has not yet been able to explain, but which is easy to fathom if one observes the connections under which these strange phenomena are caused.

This is the worm rain in Lapland, which occurs from time to time in spring. It rains real, white worms about three centimeters long. The explanation that the worms falling from the sky under the *blood-red light* of the midnight sun were caught by the wind at some place, gathered into a cloud of worms and fell back to earth in their thousands at a certain place could not be upheld.

A similar strange phenomenon is the so-called rotting season, which occurs in Lapland towards the end of July. This rotting period lasts about four weeks. No tree may be felled during this time, because after only a few days the mold would appear in such masses that all the work would be in vain. Even heavily salted American bacon begins to show all colors. Any injury to the body is extremely dangerous; the smallest wound becomes festering and can only heal when the rotting period is over. The same applies to animals, as injuries during this time are also incurable. Young animals born during this period of putrefaction are usually crippled. After the rotting period, the great death of mosquitoes and other pests begins.

Further proof that a certain climate, depending on the season, or *certain light influences* favorably influence the development of an overabundance of micro-life, are the epidemics that regularly occur under certain conditions, which are known to be caused only by bacteria, and which actually represent the most effective self-protection of nature when the organism "man" interferes inappropriately with the life mechanism "nature".

It is well known that the varying intensity of sunlight in the different seasons also plays a major role in growth.

If, for example, light is allowed to enter a room through certain colored window panes, the flies begin to constrict; if you change the color of the window panes, they come back to life.

The decline in tuberculosis since the time when radio waves resonated through the ether is also no coincidence. The fact that people

This may also explain why the animals became more fast-moving, more hasty and certainly not smarter as a result of the excessive one-sided oxygen enrichment in the water and air.

The observations of earth radiation and the frequently associated occurrence of cancerous decay phenomena are also due to locally incorrect balancing phenomena in the earth's interior, which are poorly influenced by shifts in the basic substance groups, whereby the groundwater plays the mediator and which are therefore communicated to life as a whole via the capillaries.

All these phenomena, which are mysterious to science, can be easily imitated or prevented if we understand the nature of the basic substance of all life, the nature of *water*.

The water supply

If we look at the water pipes of the ancient Romans, we can see from the excavated pieces that at the beginning of the founding of the cities, efforts were made to supply the necessary drinking water to the place of consumption in wooden pipes and natural stone pipes.

It was only later, as the need for water increased with the growth of the cities, that the unfortunate idea of supplying drinking and bathing water in metal gutters was born.

As far as the choice of material for the pipes was concerned, where wood was not used, the coin metal thrown into the spring for cult reasons was observed and the most resistant to years of influence was chosen.

Depending on the type of water, some metals are virtually incrusted by it, while others are almost completely dissolved.

When the water is supplied in long, iron pipes, there may be serious material transformation processes that are impossible to detect with today's instruments, but which are of crucial importance for the character and psyche of the water.

It is known that electrolytic, i.e. energetic processes are involved in the formation of rust, which occur with a corresponding temperature change and in the presence of oxygen due to the effect of released carbonic acid etc. on the pipe wall. The carbonic acid released by reciprocal thermal influences dissolves iron from the pipe, forming ferric carbonates. If, as a result of excessive aeration of the water, a corresponding proportion of oxygen is added, the ferric carbonate is converted into iron hydroxide with the simultaneous occurrence of electrolytic processes, which precipitates out of the water as iron ochre and causes cross-sectional constrictions. It should be borne in mind that iron can form more than ten times the amount of moist iron rust.

As a result of these processes, some of the carbonic acid, which was contained in the water as an essential part of the embodiment of the water's psyche, was removed from the water and thus the water's psyche deteriorated.

The transformation processes that occur at certain temperatures, which lead to the formation of iron ochre as the end product, have an already artificially pre-treated iron as the starting product. As a result of the smelting processes and the addition of various additives, almost all of the natural character of the capillary ore stored in the depths of the earth has been removed.

If the solid components are deposited on the inner wall during the formation of iron hydroxide, transformation processes and subsequently re-transformation processes also take place at the same time at a negative temperature gradient, which lead to the formation of a new, inferior psyche that appears to be bound to the iron oxide, so to speak. The water has therefore not only lost high-quality psyche through its supply in iron pipes, but has also absorbed poor psyche.

The tarring of the inner walls of iron water pipes to prevent rust formation is a particular danger. It is a well-known fact in medicine that the highly volatile coal distillation products cause cancer in the body, which is why some water supply companies have banned the use of tarred pipes.

If, as is often the case, water fed in this way is chased through turbines where it is physically broken up by the high rotational speed of the guide vanes and the water flowing out of the turbine is possibly mixed with other water, severe damage must inevitably occur both in the organisms to which this water is fed and in the surrounding soil. This method of treating the earth's blood can be imagined in the same way as when, during blood transfusions, any blood drawn is first treated with a bubbler.[6]

6 *Austrian term for whisk, mixer (editor's note)*

would be mixed indiscriminately with other people's blood and injected into the body. A person treated in this way would have to become seriously ill and eventually insane.

However, the same must also occur after a longer period of time with the constant consumption of water that has been treated in the manner described above, because the blood is systematically destroyed. The physical and moral deterioration of those people who are forced to drink such water all the time should be sufficient proof of the correctness of the above. The spread of venereal diseases is also mainly due to the advanced state of weakness of the blood.

The following section will show how water should be treated and conveyed. The capillary, which will be briefly described with regard to its material and its associated functions, can be chosen as a model of an ideal water flow, its internal design.

If the previously mentioned evils of deterioration of the psyche of the water are to be avoided, a poor heat conductor with the correct organic structure must be chosen as the pipe material. Good, healthy wood is best suited for this purpose. Artificial stone is almost as unsuitable as metal for piping high-grade drinking water. The reason for this lies in the aforementioned fact that only natural materials may be used to conduct the earth's blood.

If the objection is raised that wood is not suitable for the pipeline network of a large city because of its low durability, it must be contrasted with the fact that good and properly treated wood can even be more resistant than iron in this case.

In order to avoid as far as possible the destructive influences that pipes laid in the ground experience, these pipes must be surrounded by sandy, non-humus soil material, apart from special treatment measures.

The poor thermal conductivity of the wooden walls prevents unfavorable influences on the internal metabolic processes in the water, which means that the losses that occur with a negative temperature gradient can be avoided.

splits in the water are largely attenuated and the quality of the flowing water is maintained. The hydraulic capacity of wooden stave pipes is even slightly greater than that of iron or concrete pipes.

The fact cited by Groß that the construction costs for wooden pipes are lower should also not be underestimated. However, as must be emphasized here, the types of wood currently cultivated by modern forestry are almost unsuitable for this purpose, because today's artificial forests almost always supply wood that has neither the properties nor the resistance of natural wood. Even if the forests in which man has not yet interfered as a forester have already become very rare, there are still enough remote forests that have been spared by current forestry and are therefore still valuable, to which the greatest attention must be paid if people are to be supplied with good, healthy water again.

By selecting a suitable wood, pipes can be produced that largely meet the necessary requirements.

If individual countries, such as America and Norway, have decided to use wooden pipes on a large scale, the reason is often the quality of the wood still available there. However, water can only conserve its piping system if the internal laws of water are taken into account, i.e. if the substances separated from the water and used for conservation and construction are used for their intended purpose.

The fact that the general deterioration of water must be accompanied by a decline in the quality of other foodstuffs need not be emphasized in the light of the above.

The damage caused by the rapid discharge of water into the oceans will be discussed elsewhere.

The capillaries of the animal or plant body serve on the one hand to carry the blood or juices, and on the other hand to

simultaneous and continuous development and maintenance of the capillaries themselves.

For this reason, the drinking water supply pipe must also be designed accordingly, because otherwise unsuitable processes will take place, leading on the one hand to the destruction of capillaries in the pipe wall and on the other hand to incorrect metabolic processes in the water itself. These then have a very unfavorable effect on the human organism or other bodies.

We find something similar in all rivers. Experience teaches us that watercourses which are not disturbed in their inner regularity do not attack their banks very much. On the other hand, there are no artificial bank regulation measures that could withstand the destructive force of a watercourse that is impeded in its natural course in the long term. The reasons for this lie in today's common, wrong method of not influencing the water itself, which is the most important thing, but of regulating its banks.

The condition of the walls of our drinking water pipes must above all correspond to the inner regularity of the substance carried, because otherwise the primary result is the destruction of the water pipes, the secondary result is the destruction of the blood vessel systems and thus the dangerous metabolic diseases that occur everywhere, which is linked to the increase in cancer diseases.

If the spring catchments are far away from the place of consumption, it is only possible to preserve the character of the water by applying very special measures, and then only partially. However, this can by no means be achieved by the current method of water supply, which is dictated only by reasons of purely external and superficial economic efficiency and expediency. Only in the case of the conduction of medicinal springs, where the emanation is almost obvious, has the choice of conduit material become somewhat more cautious.

In addition, to obtain the necessary quantities of water, the spring water is often mixed with unripe groundwater, which

does not *yet have* the appropriate content of noble carbon substances.

If the water becomes warmer on its long journey through the pipes, which today are unfortunately mostly made of good heat conductors, the carbon substances contained in the water and also the oxygen become more aggressive. The effect of these phenomena can be seen, among other things, in the characteristic corrosion phenomena on the turbine blades. The oxygen content also causes the organic substances contained in the water as bacterial candidates to develop into real bacteria. The same processes that take place in the water itself must also occur when water rich in oxygen and poor in carbon substances enters the body, where it also undergoes conversion processes with the substances it contains at suitable temperatures. Under such conditions, the consumption of this water becomes one of the main causes of the plague of the
20th century, the crab.

On the consequences of purely mechanical drinking water extraction

The purely mechanical measures for the extraction of drinking water also lead to unpleasant surprises in many areas near the sea.

The equilibrium conditions between sweet groundwater and seawater were thoroughly studied by Badon Ghijbens and later by Herzberg. In the present case, we are dealing with a hydrostatic equilibrium problem of two miscible liquids of different specific gravities.

Wintgens writes about this in "Beitrag zur Hydrologie von Nordholland", 1911, as follows: The specific equilibrium of liquids 1 and 2 is G_1 and G_2 and the difference between the two liquid levels after the state of equilibrium is Hm; in this case, the area of separation of the two liquids is called the surface area of equilibrium.

in einer Tiefe von $h_1 = \frac{G_2}{G_1 - G_2} \cdot Hm$

are below the liquid level.

Assuming a specific gravity for fresh water = 1 and seawater = 1.024, this formula provides a maximum groundwater depth of h1 = 42.Hm

In the example of Norderney described by Keilhack, the freshwater surface is about 1 to 1.5 m above sea level. This H of 1.5 m would correspond to a groundwater depth of 42 . 1.5 = 63 m. The actual depth of the groundwater was about 50 to 60 m.

If the freshwater level is now lowered by excessive groundwater abstraction with large pumping stations, i.e. H is reduced, then the boundary layer between freshwater and seawater will move higher until finally this boundary zone is in the range of

of the suction head of the pump, which leads to salinization or an increase in the chlorine content in the drinking water to the point where it becomes undrinkable.

The mechanical-physical processes are further supported by the metabolic processes between freshwater and seawater. Each new pumping hole that enters the ground makes it easier for atmospheric oxygen to penetrate the boundary between these two types of water. The temperature gradients between the freshwater surface and the boundary layer below are also altered. These two components have the effect that the internal rising forces in the water, which would maintain it in a certain horizon, are also reduced.

We should also take this opportunity to point out the salinization of many mountain lakes, which was ultimately caused by the actions of water and energy engineers. Initially, our rivers were deprived of the protection from the sun and heat provided by the canopy of trees through the aimless clearing of forests. Later, purely mechanical watercourse regulation was added. Both circumstances caused a high oxygen enrichment in the water, which now sought the associated coarse and fine carbon substances from the channel walls and partly tore them loose from the bank walls, partly loosened them from the ground. If this river water now enters deeper, cooler lakes, where the previously aggressive oxygen is concentrated, and the water is unable to hold the quantity of the now dispersing carbon substances, a sedimentation of salts occurs - fresh water becomes seawater. The reverse is the case at great depths, where the water is heavily overcharged with highly organized carbon substances and the water becomes not only sweet, but also highly negatively charged, which can lead to the formation of severe thunderstorms in the deep sea.

Earth blood guidance - Blood guidance

Before we move on to the description of the correct construction of a water pipe, an example should be given to illustrate the principle of correct water routing.

If you examine the blood vessels of a snail, you will see that this animal has two blood vessel systems of different colors, with the outer vessel systems carrying lighter blood and the inner vessel systems carrying darker blood.

The composition of the blood of the outer system is characterized by a higher oxygen content and differs significantly from that of the inner system, which has a higher content of carbon substances. Investigations have also shown that the suspended substances are located in the center of the capillary cross-section, while the dissolved substances are more on the periphery. The speed of movement projected onto a straight line is also lower at the edge zones than in the center. It should be noted, however, that this difference in speed is only an apparent one, since the speed of movement of the inner liquid particles only appears greater than that of the outer blood particles because the latter have to describe a path that roughly corresponds to a screw movement within a screw, whereas the inner blood particles almost only perform a simple screw movement.

The double helical line described by the blood cells of the inner systems cannot be perceived because the second helical line is only an energy path that the eye can no longer perceive. However, this fact is of much greater significance, as it is a matter of psychological upgrading processes that influence the "character" of the blood and, in the course of further development, the character or psyche of the respective living being.

Various branches of research are slowly coming to the realization that, in contrast to the previous sub-

searches, each task is to be broken down into sub-problems from the point of view of considering everything as small as possible.

The "material transformations in the water" discussed several times in the course of the previous explanations are characterized externally by the so-called "pulsation" of the water. Hydraulics only knows that it decreases with increasing speed, but increases with increasing roughness of the channel walls. The water therefore has a certain internal vitality and, when it rises in capillaries, plays a decisive role in the supply of the n e c e s s a r y nutrients.

I have already pointed out in various places that the rising of sap in the tree cannot be explained solely by the physical factors mentioned so far, such as the effect of external air pressure, etc., but that it must be explained by the metabolic processes of the tree, which take place in constant pulsation in every cell, and is therefore a consequence of the vital activity of the capillary tree cells. Professor Kurt Bergel from Berlin comes to similar conclusions with regard to the heart and blood activity in animals. He rejects the previous view that the motor "heart" pumps the blood into all parts of the body. Rather, this work is carried out by the millions of highly active capillaries that run through the body.

However, this capillary force would only be able to lift up to a certain height. External help is therefore necessary. Bergel demonstrates this with a small experiment. He applied uniformly light blows to the head end of a bundle of hair tubes placed with the foot ends in the water, causing the water to flow continuously over the head ends of the capillaries.

According to his explanations, health and illness are primarily dependent on the proper or impaired activity of the capillaries. Prof. Bergel provided clear proof of this through his examinations of a bird's egg. A small red dot appears on an egg that has been incubated for a short time, which on closer examination turns out to be a drop of blood. If the egg is incubated further, a network of veins can be seen on the yolk membrane. Rhythmic pulsations can be detected just before the egg cools down.

The double swirl pipe

The double swirl pipe? fulfills both the transverse and longitudinal requirements that a water pipe must meet if it is to deliver healthy water to the point of use.

The water masses guided in a double swirl tube are moved by a blade system made of precious metal arranged on the inner wooden tube wall in such a way that the individual water thread describes a path at the periphery, which results in a screw movement within a screw.

This arrangement causes centrifugal and centripetal forces to occur in the pipe cross-section, which guide bodies that are heavier than water towards the center, but push bodies that are lighter than water towards the periphery.

The water masses conveyed in this way are slightly heated by the mechanical frictional forces acting on the walls of the inspection chamber, which causes oxygen to be released from the inner circumference of the pipe and subsequently to accumulate at the periphery of the pipe.

At the same time as the dispersed oxygen, all bacteria will also migrate to the periphery of the pipe, as they do not find suitable living conditions in the center of the cross-section. Together with the bacteria, all particles contaminating the water also migrate to the periphery of the pipe, which means that the water can also be easily cleaned of suspended particles at the same time.

If the bacteria have migrated to the peripheral zones in accordance with their need for oxygen, they will be surprised by a certain oxygen concentration after a certain period of time in the water, which is completely sealed off from the outside influence. This has the advantage of destroying the pathogenic bacteria that are sensitive to an excess of oxygen, while the non-pathogenic bacteria that are harmful to human health are destroyed.

[7] see appendix (editor's note)

are not harmful, but in many cases even beneficial.

Simultaneously with the separation of the absorbed oxygen contained in the water from the carbon substances likewise contained in each water, the inner water core is advanced, which merely describes a simple screw movement, because the water is "physically relaxed" by the previously described separation of the oxygen from the carbon particles.

As a result of the physical relaxation, there is a mechanical acceleration, thus also a self-cleaning and an energetic charging of the centrally rushing water masses. This energy charge, on the other hand, leads to equalization processes between the centrally rushing heavy bodies and the energy-rich water, which, with simultaneous cooling, results in a separation of solid material components, which are now again led to the periphery. There they equalize with the oxygen and reunite with the centrally rushing water in the form of energy.

Those particles of material that no longer found their way to the center are pressed against the pipe wall by the mechanical pressure prevailing in the pipe, where they come into contact with the basic substances that built up the wood at the time and clog the pores of the wood, which thus becomes more resistant than iron, for example.

Again, this is a natural process that we find in principle in the formation of all capillaries, which not only build themselves up, but also protect themselves against harmful influences.

Due to the special acceleration of the total water masses in the swirl pipe, larger quantities of water are now transported than in an ordinary smooth-walled pipe, and the effectiveness of the oxygen results in extensive self-cleaning and self-germination of the water, whereby the continuity of the energy charge also improves the quality of the water along the way.

The reason for this is as follows:

At the same time as the acceleration, the centrally directed water masses cool down, resulting in a concentration of carbon gases in the water axis with the lowest temperatures, which decreases towards the periphery of the pipe. On the other hand, oxygen is concentrated at the periphery of the pipe, the highest aggressiveness of which occurs at the heated wall, resulting in interactions from the edge to the inside of the pipe and thus in the aforementioned equalization effects that enhance the value of the water and the wood at the same time.

In the course of time, a certain state of equilibrium will finally be reached for both the average spatial distribution ratios of the water flowing in the pipe and for the equalization processes on the pipe walls and thus the end of these processes, i.e. the water is mature and has become almost insensitive to harmful external influences.

At the same time, the wood itself is also protected against external influences.

If, on the one hand, the oxygen is in the edge area of the tube, the free carbon dioxide particles must be found in the edge area of the inner water core due to the water temperature prevailing there. The carbon substances contained in bound form must accumulate in the water axis, which, as described above, is most saturated with carbon substances.

Due to a special arrangement of built-in, special blade shapes, the aggressive oxygen particles at the boundary layer, i.e. those from the outer edge of the inner water core, come into constant, direct contact with the most aggressive carbonic acid. This results in a constant development of energy, which is passed on to the water masses rushing towards the center of the pipe as temperatures drop towards the pipe axis.

Accordingly, two circuits are created in the cross-section of the pipe, namely a) the mechanical circuit of the water and b) the energy circuit of those energies that is directed in the opposite direction,

which occur when the aggressive oxygen particles come into contact with the free carbonic acid.

This energy cycle takes the form of a constant electrodynamic process, which in this case does not occur on the wall of the pipe but on the boundary layer of the inner water core, so that the pipe wall is not destroyed but the water is upgraded.

These swirl pipes also carry bodies that are heavier than water in the middle and at the same time refine the conveyed material so that, for example, inferior oils are improved in the swirl pipe. Iron ores transported in this way provide a higher quality iron after smelting because the ore's oxygen has been used up during transportation to form new carbon substances, which then contribute to the higher composition of the carbon substance "iron".

The pulsation of the water

Life takes place in three spheres:

l.) in the coal sphere,

2.) in the atmosphere,

3.) in the stratosphere.

The connection between these spheres is established by water. On the other hand, the different aggregate states of water form the bridges for the build-up and conversion of the basic substances carried by water, which pass from the stratosphere into the Earth's interior and vice versa from the Earth's interior into the stratosphere.

The purely mechanical cycle of the body form "water" is countered by the so-called energy cycle. The rising of the carbon substances with the carrier water is opposed by the sinking of the oxygen. Energy is released at the intersection of the paths of these oppositely directed flows.

The energy balancing processes cannot lead to a state of equilibrium due to the constant changes in the duration of day and night, so that there must be constant shifts in the individual microclimatic conditions and thus constant shifts in the quantities and qualities of the raw materials.

The consequence of the constant interactions is, on the one hand, the transformation of the water species in the individual zones and, on the other hand, the constant transformation of the vegetation forms in which the water, continuously moved by this internal interplay of forces, makes its way.

The internal equalization of forces is now countered by the effect of the water weight. The change in the size of the force components must result in the constant rise and fall of the water particles, the so-called pulsation of the water.

Every new formation and every structure is derived from the smallest beginnings. Further development in the first stages can be

can only take place in the course of a proper cycle within the earth. Each higher form of vegetation builds itself on the lower vegetation that preceded it. The carrier of the substances and the mediator of the life processes in the so-called root zone is the groundwater. This receives the impulse for its movement through the drop in temperature, which in turn is caused by the internal metabolic processes of the basic substance groups that are decisive for this. The impulse to move the water is therefore a product of the balancing processes between the opposites contained in the water, which find the corresponding resistance in the water itself. The resistance that the water offers to the balancing processes between the carbon substances and the oxygen again creates constant temperature fluctuations and with these again the impulse for the movement, the pulsation of the water, which on its way sometimes dissolves salts, sometimes deposits salts, transports them, forms and transforms energies. The purpose of these eternal transformation processes is to build up and maintain the various forms of vegetation and bodies, which in turn are the bridges for building up and maintaining the energies.

The constant differences in tension between the internal and ambient temperatures are nothing more than forms of force that close the water cycle and at the same time rekindle it.

The forms of development are therefore

l.) material (physical),

2.) immaterial (spiritual) nature.

Everything that exists, be it a stone, a plant, an animal, a human being, a planet or the sun, represents an organism, which therefore has a body and a soul.

Every ray of light and heat requires a physical form in which it can form and organize itself.

Every body needs an inner energy that builds and rebuilds it. If a body disintegrates, the forces that formed it are released again. They are never lost, because if they lose

If the decaying body is her home, she willingly absorbs the water that circles eternally in, on and above the earth and leads her on to a new life.

So wherever we look, life is eternally being built and rebuilt. If we look into the seemingly empty space, we see a sea of spiritual life, past and future generations.

Every material form of vegetation is always contrasted with an immaterial form, light, heat and radiation. Every change in the sphere alters the overall external and internal conditions, changes the weight and internal radiation intensity of the body substance "water" and thus the direction of movement of the carrier of life.

Disturbances of the inner and outer regularities lead to disturbances in the formation of the entire structure of life.

The disappearance of water, or rather its substantial transformation, is a very serious warning sign, because the change in the inner composition also changes the character of water and thus the character of all life forms, including that of humans.

The qualitative decline of our forms of vegetation, above all the qualitative decline of the highest plant organization, the forest, the physical and moral decline of mankind are only a consequential phenomenon of the disturbance of the physical composition of the water and the disturbance of the geosphere, caused by the burrowing work of man in the organism earth.

The Chinese religion forbids any intrusion into the earth. Even the construction of railroads in China encountered major obstacles of a religious nature. From what has been said so far, it can be seen that the culture of the Chinese, which has survived all peoples, is no coincidence, but has its cause in the fact that the coal sphere remained untouched for a long time. The decline of China had to begin at the moment when the customs, traditions and technical achievements of the West were adopted there as well.

Another terrible example is the development in Russia, which caught up in 15 years what the other countries achieved in almost 100 years - famine.

So what we are experiencing now is not a crisis, but the death of the whole, the qualitative physical decay of all organisms caused by the disturbance of the water balance in the nature. The moral, mental and spiritual collapse of mankind is going on at the same pace. It has already reached such a point that people, despite all the warning signs, still do not recognize the seriousness of the situation and, worse than animals, see their last resort in the decimation of the masses with weapons, which our priests, together with the flags under which our children are to bleed to death, even bless.

The decision as to whether we can take this final path or save ourselves from our own self-destruction in the last hour lies only with ourselves, or rather with the men of science and the state, who take on an almost terrible responsibility if they continue to insist on their position out of selfish interests, without taking into account the seriousness of the situation and without being able to bring any real help.

Healing water for humans, animals and soil

As long as man had not disturbed the organic connections and Mother Earth was still able to give her blood, the water, to vegetation in a healthy state, there was no reason to think about how to prepare healthy water artificially, but in the same way as the earth produces it.

Today, however, when almost all healthy sources have either dried up or the water is intercepted at its source and fed to the settlements in incorrectly constructed pipelines, the soil and the entire animal world are dependent on used, stale and therefore unhealthy water, even for human use with still low-organized substance components, unripe water from the womb of the earth or surface water that is harmful to health and has been sterilized by chemical ingredients must be supplied to the dwellings, it is high time to find ways and means to protect humans, animals and the soil from the decay that is bound to occur when the earth dies of thirst due to the internal decomposition process of the water caused by today's economic measures.

Only nature can and must be our great teacher. If we want to restore health to mind and body, we must not rely solely on mechanical or hydraulic by-products, but must first and foremost take care to fathom the great lawful processes of how and in what way Mother Earth prepares her blood, the water, and supplies it to the places where it is needed.

Once we have uncovered this secret and faithfully imitate what has been tried and tested over millions of years, we are infallible and only then can we intervene appropriately in the great lifework of nature and reap in abundance the best and noblest fruits that Mother Earth grows and sustains in countless variations with the help of healthy blood.

In order to fathom the great mystery of the origin of all life, we must endeavor to study not only the space in which we live, but must also take an interest in the "underneath and above" in which the water, obeying a great law, takes its eternal cycle.

Even if it is impossible for us to see the wonderful processes in the crystal-clear water with our eyes and also impossible to accompany the water on its mysterious paths above and below the earth, the indirect, inductive path still remains open to explore what we cannot see, but absolutely must know if we want to stay healthy and thus serve the purpose of life, the constant construction.

Man has so far only committed crimes against Mother Earth, causing serious damage not only to himself but also to his environment. With infinite patience, she has allowed his interventions, guided by greed, avarice and lack of understanding, to take place for a while. Now, however, as the constant scouring and aeration of the earth leads to an internal decomposition of its blood and thus to the death of the clod that nourishes us, because people are not only pumping water from the inner cycle of the water and tearing the water from the earth's womb, but are also spoiling the water flowing on the earth's surface by senselessly regulating the watercourses, taking the forest from Mother Earth or destroying it organically, it is finally also the human being himself who is at the receiving end.

This moment had to come in order to make mankind realize that nothing on earth goes unpunished and that every senseless intervention in the wonderful work of life that is "nature" must ultimately take revenge on man himself.

The fairy tale of a former paradise is not an empty delusion. Even if our ancestors had to constantly struggle with the difficulties of life, they still had carefree days compared to the present day. But what will it look like after another human age if things go downhill at the same rate as they have done so far? What future will our children face if no means are found to stop this terrible decline?

Today we are already faced with phenomena that must shake every serious-minded person to the core. What is the point of constantly lying to ourselves or senselessly indulging in the hope that things will somehow get better by themselves?

If we want to make life beautiful and desirable again, we have to start where life begins. The origin of life, the primal substance is water, which holds the secret of all becoming. We will only be able to unravel this secret if we learn to understand the innermost essence of water.

Just as the ripe apple falls from the tree, so the water rises from the earth of its own accord when it is ripe, i.e. when the water has transformed itself internally in such a way that it can and must leave Mother Earth itself by overcoming its own body weight.

Even if the correct setting of the springs cannot be discussed further here, reference should at least be made to the art of the ancients, which, like much else, was lost or had to give way to something else, something worse. The Romans took great care to frame the springs by placing a covering in the form of a thick-walled stone slab at a certain height above the spring mouth on the carefully leveled, grown rock. A hole was hewn into the stone slab, which was completely sealed at the sides by wedges, into which the discharge pipes were inserted in such a way that no air could enter. Despite and because of their simplicity, all types of these spring catchments of that time took the nature of the water more into consideration than today's spring catchment systems, which, apart from other serious faults, also often destroy the water circulation and metabolic relationships between the spring and its surroundings due to overly extensive construction measures and disturbances in the surroundings of the spring when using lime, cement or metal catchments.

With regard to the choice of material for the pipes, where wood was not used, the coin metal thrown into the spring for ritual reasons was observed and this was subjected to years of influence.

the most resistant was chosen to drain the water. Depending on the type of water, some of the sacrificed metals were virtually incrusted by the water, i.e. not accepted by the deity, so to speak, while others were almost completely dissolved, a sign that water also effortlessly decomposes metals that every body needs for its structure and that every cult has its deeper meaning.

The following is not and cannot be a recipe on how to produce healthy water. It is only to say that the thinking person can also make up for the sins of his fathers in this area and is able to produce good, healthy water, just as the earth produces it.

Just as we take it for granted that a healthy seed planted in the ground can eventually develop into a mighty tree, we must also take it for granted that only ripe and healthy water produces healthy fruit.

Just as the seed planted in the damp earth needs warmth and cold, light and shade and the associated energies for its further development, so it is with water, which also needs these opposites in order to transform and build itself up internally. In order to maintain these necessary opposites, it travels a long way in the universe.

A world of possibilities dwells in every drop of good water. What we think of as God also has its home in every drop of water. If we destroy the water, if we take away its cradle, the forest, we senselessly deprive ourselves of the highest good of life, health, and thus also lose the place of our creation, our home. Restless like the water that has been deprived of its soul, we too must then reach for the walking stick. Wherever we go, decomposition begins, restlessness begins, ruin begins, misery begins, misery begins.

But if our work is not to become a curse but a blessing, we must be content to live from interest and the overdue, mature capital products, but never directly from the substance of the earth. Water provides this interest in such a valuable form that we can easily do without everything else,

if we understand the household of the earth and only feed on its abundance, and only take what is ripe. It is not yet too late, we still have water. Let's finally nurture this giver of life and everything will be fine again by itself!

Good spring water differs from atmospheric water (rainwater) in its internal substance content. In addition to the dissolved salts, high-swelling water has a relatively high proportion of gases in free and bound form (carbonic acid). The gases absorbed by good spring water consist of 96 percent carbonaceous substances. Carbon substances are understood here to be all the chemist's carbons, all elements and their compounds, all metals and minerals, in other words all substances with the exception of oxygen and hydrogen.

Atmospheric water (rainwater, aqua distillata, condense water or water exposed to strong aeration and intensive light in the channels), i.e. surface water, has a comparatively high oxygen content, almost no or only low-organized salt forms, no or only little free and little bound carbonic acid and a gas content removed from the air, which consists mainly of oxygen dissolved in *physical* form.

A physical form of solution is a higher form of solution (compound) of different groups of substances than occurs in purely chemical forms of solution. Energetic processes are already active in the physical form of solution.

We therefore distinguish between water that has a high percentage of carbon energy and water that has a high percentage of oxygen energy. We will refer to the former as cathode water *and* the latter as *anode water*. Cathode water has negative forms of energy, anode water positive.

These forms of energy are characteristic of what we call *Sphere, psyche* or *character* of the water.

The high spring water bubbling out of the earth therefore has a predominantly *carbon sphere,* negative forms of energy or negative character, while the rainwater coming from the atmosphere has a negative character.

The water is mainly *oxygen,* positive forms of energy or positive character.

The water that sinks from the atmosphere into the earth needs not only the possibility of absorbing certain substances and the *necessary exclusion of light and air, but also* certain distances and periods of time to be able to carry out the conversion process properly, i.e. to become internally *mature.*

The water is ripe when the air it absorbs is at least 96 percent carbon sphere and the proportion of solid carbon associated with this sphere.

The quality and inner rising power of the water depends on this inner maturity.

The longer the distance travelled, the more highly organized and of higher quality its inner energy, its character, becomes, assuming the presence of the appropriate conversion materials.

The closer to the center of the earth, the more highly organized and aggressive the oxygen groups sinking with the water become.

If atmospheric water sinks into the earth, its oxygen content becomes concentrated as it approaches the geothermal depth level of + 4^0 Celsius, while all the carbon substances present above this boundary layer, which equalize with the oxygen particles as they approach this layer, are converted and some rise as nitrogen and some remain as salt crystals.

The water charged with oxygen can therefore not take along any carbon substances that have already been lifted below the boundary layer of + 4^0 Celsius, but must leave the carbon substances brought up from the earth's interior earlier by the reverse process in the vegetation layer. To a certain extent, this vegetation layer r e p r e s e n t s the small depot, which is constantly supplied with oxygen and carbon materials from above and below by these conversion processes and is limited downwards by the geothermal zero layer of + 4^0 Celsius.

The water that sinks further above the boundary layer can only go deep with those excess or low-organized oxygen atoms that could not undergo any compensation or conversion processes (oxidation) due to the lack of correspondingly organized carbon substances in the vegetation zone.

Due to the increasing temperatures in the earth's interior with increasing depth, which themselves have already been created by these equalization processes, the oxygens sinking with the water become more and more aggressive, which also enables the equalization and conversion of these oxygen groups with the carbon substances, which are less organized with increasing depth, and finally even the coal, which has a solid aggregate state, is decomposed and converted when the aggressive oxygen comes into direct contact with the coal under the high pressure that is created at the same time. Incidentally, we also find something similar in the transformation of food in our body, which is known to take place in different ways when water and air are absorbed and which activates the transformation processes that determine life.

The higher the converted and upgraded coal materials rise towards the earth's surface, the lower the ambient temperatures become as they approach the boundary layer of + 4 degrees Celsius. In connection with this, the oxygen content of the groundwater also becomes less aggressive again.

The higher the quality of the carbon substances, the more deeply organized the oxygen groups can be in order to carry out the balancing process, and vice versa.

As the earth's temperature changes with sunrise, sunset and the changing seasons, the boundary layer of + 4 degrees Celsius also changes its position, i.e. it is generally lower during the day and higher at night.

When assessing the causes of groundwater level fluctuations, it is necessary to introduce the already familiar term "saturation deficit", which indicates the relationship between the temperature of the atmosphere and its water vapor content.

The climatic conditions in Central Europe are moderately continental in character and characterized by maximum precipitation in the summer months. However, the higher temperature is c o u n t e r e d by increased evaporation, which means that the saturation deficit is greater.

From Hann's climatology we learn that the annual rainfall distribution in Central Europe is 9 to 13 percent in the summer months and 4 to 6 percent in the winter months. According to Mayer's investigations (Meteorologische Zeitung 1887), these precipitation distribution values are offset by saturation deficits of 3 to 7 mm in summer and 0.3 to 1.0 mm in winter.

The tables in Keilhack's textbook show that the water content of the air, with the same amount of relative humidity, can increase more than 15-fold when the temperature rises from -10 degrees to +30 degrees. Only by specifying the amount of precipitation and the saturation deficit can we arrive at laws for the fluctuations of the groundwater level. Since these two meteorological components generally neither add up directly nor cancel each other out, the groundwater level fluctuations must therefore depend primarily on the mutual relationship between the two.

The practical application possibilities of the laws that are decisive here arise in the laborious and almost costless raising of the groundwater table that has sunk deep into the deserts, which problem will be discussed in more detail and completely clarified in a later treatise.

The mechanical interplay of forces involved in raising and lowering the groundwater table is counterbalanced by the physical equalization, the absorption of the carbon substances, the binding of the gaseous carbon substances, which disperse in the water at the appropriate temperature in the absence of light and outside air.

The oxygen concentration occurring under these circumstances is always offset locally by the highest dispersion of the carbon groups, i.e. the water can complete its transformation and become internally ripe.

The water standing above the boundary layer now continues to c h a r g e itself with the carbon substances in the vegetation space of the earth, finally consumes more and more of its oxygen and, when it has reached a certain degree of saturation, has to let carbonic acid escape as a result of the earth's temperatures becoming warmer again in summer as it approaches the surface, which rises in the form of beads and now also helps to mechanically lift the water in the earth's capillaries.

This interplay of forces is again countered by a physical form of energy, the oxygen hunger of the water supersaturated with the noblest carbon substances, which causes a negative pressure and thus the rising of the water.

The good high springs do not bubble up due to mechanical overpressure, as was previously assumed, but due to the negative pressure phenomena that ultimately arise as a result of material conversion processes.

This also explains the phenomenon of high springs on mountain peaks or at least at great heights, which are caused to rise under the effect of physical opposites.

When the carbon substances, which are constantly improving as they rise, finally approach the oxygen concentration present in high air regions, the last accompanying water crystallizes out as fine ice under the low temperatures prevailing there and sinks with oxygen. The extremely dispersed carbon particles, which continue to rise and are now already moving i n e r t i a l l y , finally reach the highest oxygen concentration, the sun, and now contribute to the organic build-up process of the solar system. The reverse process takes place in the depths of the earth, where the already compact, pressurized, concentrated carbon groups, the coal, are broken down under the influence of the highly aggressive oxygen.

The energies arising in high regions between the most highly organized carbon groups and the lower organized oxygen quantities return to earth by way of radiation, and

Conversely, the radiant energies released at depth move upwards.

Due to the resistance that the gaseous hydrogen, which becomes denser as it approaches the earth, offers to the balancing processes, these energies are transformed into light or heat radiation, in which form they finally reach the earth again and contribute to the organic structure of the vegetation forms. The processes taking place in the depths of the earth are of an oppositely directed nature.

Radiation, light and heat are therefore counterparts to certain forms of energy that occur on the earth's surface.

The vegetation, the material bodies are also the result of constantly occurring processes of transformation, with water moving everywhere, with the help of which the necessary balancing processes take place. Every change in the forms of vegetation must therefore inevitably l e a d to a change in the inner organization and structure, to a change in the climatic conditions and thus to a change in the inner character of the world blood, the water. The properties, or rather the character of the world's b l o o d , are determined by a sum of circumstances which have only been considered to a small extent by our experts.

The beneficial or detrimental effects of certain substances contained in water, such as chlorine, ammonia, manganese, iron, sulphuric acid, etc., will not be discussed here, as the specialist literature is sufficiently comprehensive in this respect.

From our point of view, we are primarily interested in the c o n t e n t o f carbonic acid in the various bound forms together with their salts and the oxygen content.

Very slowly, it can already be seen from various publications that attention is also being paid to those compounds contained in water which occur in a certain unstable state. Large changes in temperature, the influence of air and light can destroy these sensitive forms of formation, which are essential, within a short time. In the case of ordinary drinking water, the latter statements apply above all to the semi-bonded carbonic acid, as found in the double-carbonated carbonates.

acidic salts. However, the so-called free carbonic acid is also of great importance, as on the one hand it is the main cause of the refreshing taste of good high-swelling water, and on the other hand, as so-called "associated" free carbonic acid, it must contribute to keeping the unstable double carbonic acid salts in solution. A higher content of free carbonic acid gives the water aggressive properties and has a particularly detrimental effect on metal walls in the presence of oxygen.

The importance of the air supply, or rather the absence of air, can also be seen from the fact that pyrite, for example, does not decompose in groundwater under exclusion of air. At the moment when oxygen can be added through the influence of human hands, sulphuric acid is formed from the sulphur pyrite.

It is well known that it is still not possible to ship certain medicinal waters while retaining their effect. In the case of waters containing certain unstable iron compounds, which are responsible for part of their effectiveness, the decomposition phenomena that occur when exposed to air and light have already been proven, although it initially seemed as if everything had been preserved in the water both qualitatively and quantitatively.

All radioactive waters whose emanation activity is strongest at the beginning and which can only be maintained by using very special precautionary measures when conducted in pipes, also suffer a high loss of their healing effect a long time after leaving the source mouth. The same naturally also applies to other waters.

According to Professor Dittler, the radioactive gas is mechanically added to the healing water and half of its activity is lost in just four days.

Depending on the temperature, the oxygen content of the water is 6 to 8 cubic centimetres per 1 liter of water according to L. Winkler. This amount is very small compared to the amount of carbon dioxide soluble in 1 liter of water, which is 1500 to 1000 cubic centimeters depending on the temperature of 4^0 to 15^0.

In general, care should be taken to ensure that the hydrogen oxygen concentration does not fall below 0.2*10 = 7[8] , as the aggressiveness of the oxygen leads to line damage.

Carbonates dissolved in the water are then also precipitated under the influence of oxygen.

Experiments carried out to clarify the relationship between the temperature of the water and only mechanical external conditions did not provide a satisfactory result. Kerner attempted to establish formulas that indicated the heat of the spring as a function of the rock composition of the mountains and the altitude. For example, he gave the formula for springs at the foot of dolomitic surface moraines:

t = 8.00 - 0.31 h, so that the temperature of the water would decrease by 1 degree with an increase in sea level of about 200 to 300 m. However, J. Stiny also points out that the functional relationship between sea level and water temperature should not be taken too strictly, as many other circumstances, including "air mobility" etc., are also involved.

Keilhack points out the heat influences that are effective in oxidation and hydrate formation processes in the water itself, whereby these amounts of heat are quite significant. Where coal substances occur in concentrated form as hard coal or lignite, there is also the heat effect caused by the oxidation or combustion phenomena of the coal seams in the earth's interior.

A phenomenon that occurs in some places is that springs give cooler water in summer and rise higher than in winter. In summer there is a positive temperature gradient from the atmosphere to the lithosphere. At this time, the cold, highly oxygenated snowmelt water comes to the surface. In winter, there is a negative temperature gradient from the atmosphere to the lithosphere and the frozen ground prevents the infiltration of surface water, so that the water that has seeped in during the summer, which has a comparatively high oxygen content, is released.

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[8] *Taken from the original manuscript, V.S. probably refers to the pH value, which is 7 for pure water; values less than 7 mean "acidic".*

the less oxygen-rich water comes from the depths. In both cases, the water has had a long time to charge itself with carbon and to transform and refine itself accordingly under the influence of a suitable temperature gradient, so that such springs provide excellent water. In addition to the time span that the water has available for the refinement processes in the earth's interior, the oxygen content of the source water is therefore also decisive, because the conversion processes are more lively in oxygen-rich water if the water can reach deep layers. Since the snowmelt water that sinks deep into the cool soil layers has a higher oxygen content than normal precipitation water, the cooler water that emerges in summer must also be of higher quality.

Even some of the hydraulic findings which today are considered purely mechanically and almost non-physically will lead to completely different conclusions if the physical aspects indicated so far are taken into account. This principled standpoint of the physical and not merely mechanical approach also means that my findings can never be integrated into the current hydraulic complex of views and that I will not be understood as long as the previous, only one-sided approaches are adhered to.

Of course, the above also applies to the current watercourse regulations and in particular to the internal destruction of the water character when the water is used as a fuel for machines, etc.

The devastating consequences of modern forestry, for example, caused by its light and clear-cutting and the resulting changes in soil temperatures, will be discussed in a separate chapter.

The transformation processes that are constantly taking place in nature can easily be imitated artificially to achieve healthy mature water if the appropriate body forms are created in which the necessary transformation processes can take place.

In recent years, chemistry has also come to the realization that it is absolutely not sufficient to characterize a water or a medicinal water by its qualitatively and quantitatively specified salt components.

The change in the freezing and boiling points shown by certain waters led to the realization that the freezing point of aqueous solutions depends on the number of molecules contained in 1 liter of water. It was only electrochemistry that came close to showing what was really important here. While the solution of many organic substances (organic in the sense of today's chemistry) conducts little or no electric current, the substances contained in water (carbon substances) are electrolytes.

When the carbon groups characteristic of water and medicinal waters are correctly dissolved, ionization occurs even without the passage of weak current. Since it has been possible to conduct electric current through aqueous solutions, whereby ionization of the salt solutions naturally occurs without a n y detectable loss of electrical energy, t h i s is proof of the above axiom. This phenomenon will become even more understandable and will also gain in practical value if you are familiar with the explanation I have given elsewhere about the actual nature of electricity.

Therefore, the way in which water is represented by indicating the salts in their dissociated form can probably be described as a very small step forward, and the other energetic processes that take place in water, of which I have only hinted so far, are far from being exhausted.

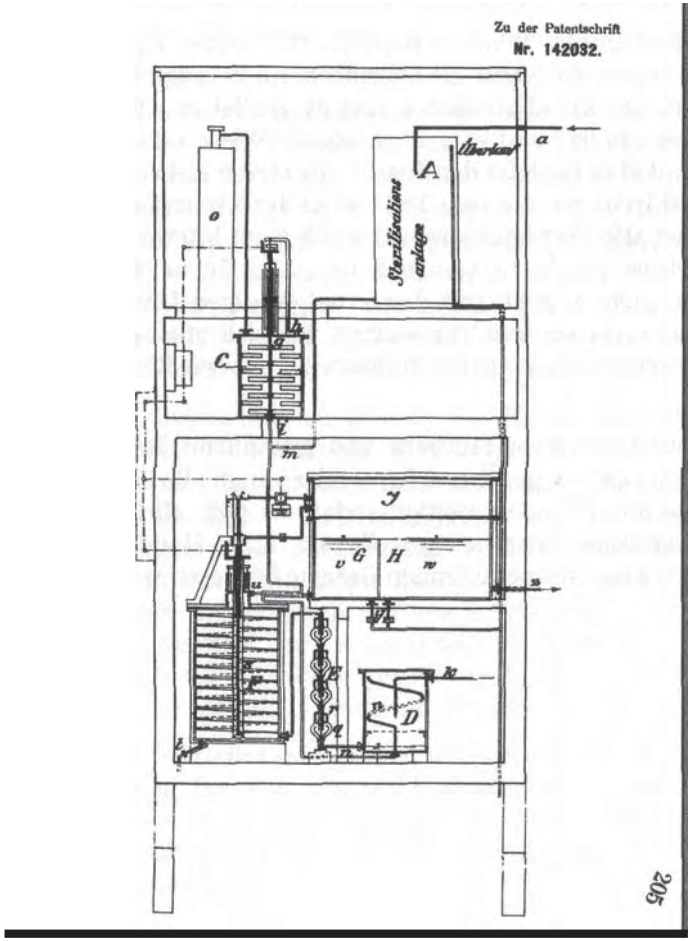
The relevant clarifications of these processes will fundamentally change today's views and the practical applications of so-called electricity and present mankind with undreamt-of development opportunities.

Even if it is not y e t possible to describe the apparatus for producing healthy water in more detail for purely patent-related reasons, the way in which i t is possible to produce not only healthy water but also all other energy for- mations is likely to be described in more detail.

The results of the process of extracting them directly from the water in a mechanical-physical way are already visible.

If our scientists, instead of pursuing ever more stubborn goals, had taken nature as their teacher, we would undoubtedly have been spared the misery of today. Objectively judging experts and fair-minded scientists will recognize that it is high time that the many mistakes and errors committed so far, some of which have only recently been made and some of which have been inherited from time immemorial, were rectified as quickly as possible in the interests of the impoverished masses, and they will also admit that it is unwise to waste unnecessary time with this necessary changeover and to wait until the cumbersome scientific apparatus has laboriously adapted to the new guidelines.

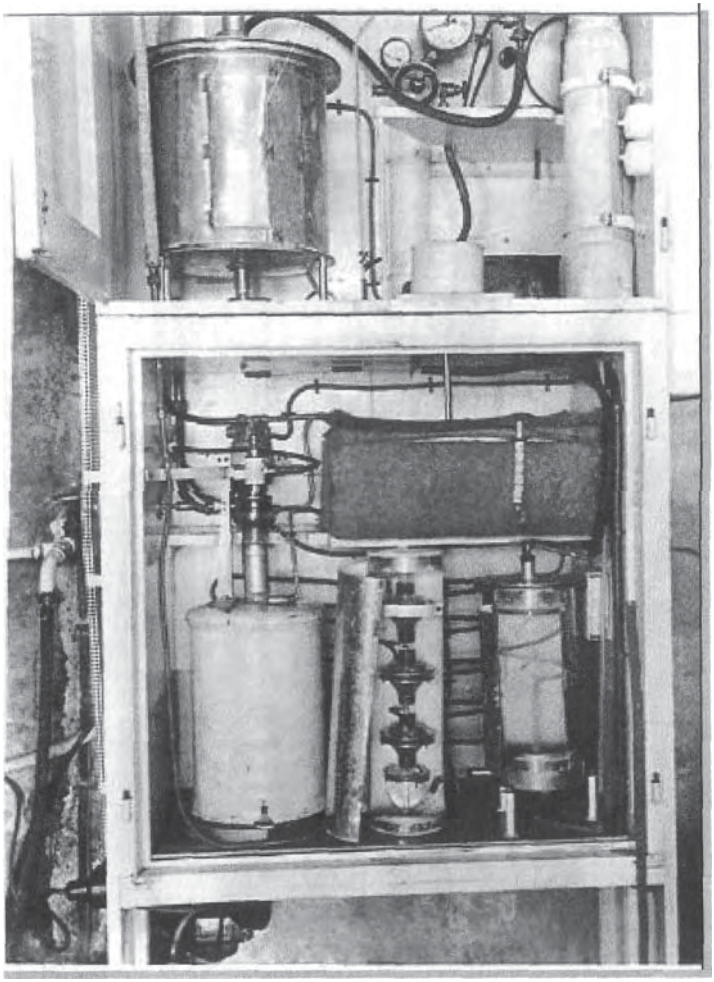
Decades of study and thorough observation have not only produced the necessary overview, but also all the necessary practical aids, so that today the public is already faced with practical facts and can be shown what has been said above by means of well-constructed apparatus.



Austrian patent no. 142032 by Viktor Schauberger, granted on February 22, 1934 - start of patent term: January 15, 1935 - issued on June 11, 1935:

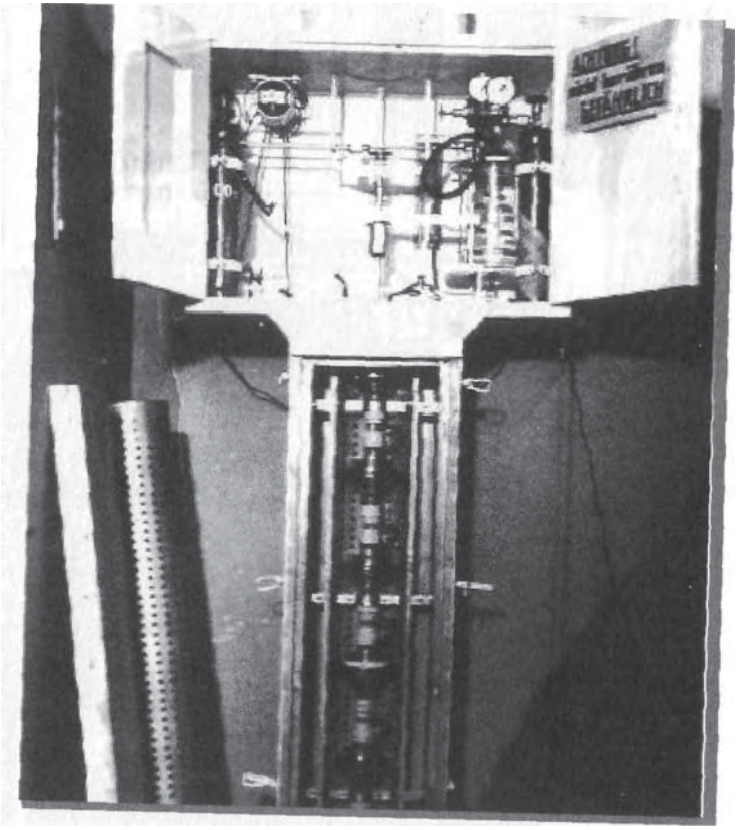
Process for the production of drinking water similar to spring water

Not included in the original of "Unsere sinnlose Arbeit", as a patent application was filed after publication of the original edition (editor's note).



Apparatus for the production of drinking water similar to spring water

Practical implementation of Austrian patent no. 142032 by and through Viktor Schauberger



Detail of Viktor Schauberger's water refinement apparatus

Image not included in the original of "Our pointless work"

Water in the cult, in life and in medicine

The following section is dedicated to the significance o f water in the life and cult of our ancestors, whereby the symbolic-historical investigation is partly borrowed from Martin Ninck, Weinhold, Norden and others.

Modern man, who has little or no time left for inner contemplation and evolutionary considerations, naturally sees water as a purely chemical substance that is just good enough for his physical needs as bathing and industrial water and for driving power stations. Our ancestors had a completely different attitude towards water, seeing it as the source of life.

Many legends and traditions from the mythology of various peoples have a much deeper meaning than the ever more sober but less deep-thinking posterity would like to a d m i t .

The viewpoint expressed in my remarks, that water is the blood of the earth, is paralleled in some aspects of our ancestor worship. Various legends and representations point to the mother's blood, the mother's milk, the mother's tears of our All-Mother Earth. Even the linguistics of modern times still reveal some of the symbolism of earlier times. For example, it is no coincidence that the word "source" has a feminine article (the source).

The figure of the water goddesses, the nymphs, is always linked to love stories. The nymphs are always ready to give birth, just as Goethe says of the spring in "Faust": "As a spring of watered songs continuously gives birth anew."

Wuttke-Meyer also associates the following old German custom with the fertility of the spring. Every pregnant woman who goes to the spring for the first time must "silver" it by throwing a coin into it, otherwise the spring would dry up.

In addition to springs, rivers and lakes were also held in high esteem in the cult of the ancients. Even today, we find allegorical representations of protective deities of a country's main river as a symbol of that country.

Depending on whether the water is at rest or in motion, it is thought to have female or male fertility potency. In Chant de la Sauss' history of religion we find that, according to the Egyptian view, the primordial water "NUN" carries double potency.

In the proverbs "God, Mind and World", Goethe says: "Where the water is divided, living things are freed first. And when the water unfolds, it will immediately come to life. There animals will roll, they will dry into a flower and plant branches will spring forth."

And in "Faust", the same German prince of poets says: "You springs of all life, on which heaven and earth depend, you well up, you water!"

To explain the importance of water in medicine, it is probably best to let the doctor himself, who was still close to nature, speak. Dr. Schew writes: 'Water is nature's great source of strength, the most invigorating and at the same time the most invigorating of all tonics. In this respect there is nothing like it in the world.

And in his book on natural healing methods, F. E. Bilz lets the poet speak, who says: "This immense expanse of water, the ocean, is the condensed breath of God and without it everything would only be a cold and dry mass of rock - a breath that has given the earth fertility, beauty and life.

The role that water plays in the human body's metabolism is evident from the fact that it consists of 90 percent water. It is also known that it is much easier for humans and animals to go without food than water for long periods of time. The average person would be able to live for about three weeks if he completely abstained from food and water. However, if he consumes water, which contains a certain amount of nutrients in a substantial and energetic form, he can live for about three weeks.

he could last much longer. Dr. McNaughton reports of an insane man who could live on nothing but water for 53 days.

Today's modern man of culture predominantly drinks bad water and has therefore weaned himself off drinking water in many cases, causing serious damage to his body.

Dr. Munde writes: Recent investigations by Genth, Becque- rel and others have shown that an increased intake of water into the body results in an increased export of moulting substances, while a reduced intake of water results in a greater condensation of the same and a greater amount of uric acid in the urine, to which latter fact gout sufferers in particular should pay attention. As can be seen by comparing various medical experiments, there is a certain optimum amount of water for each person, which significantly increases the proportion of solid substances in the urine.

Finally, it should be pointed out that people w h o drink a lot of good, healthy water always have a good appetite and are therefore undoubtedly healthy.

Conclusion

If the previous remarks have been made with a certain degree of severity, this was only in the interest of the general public, because if today's methods are continued, the danger increases with each passing day to such an extent that chaotic conditions will have to arise within a very short time if rapid and energetic action is not taken. So there is no more time to lose.

It is understandable that our water experts cannot be pleased by all these abuses, which have been uncovered with a certain ruthlessness, but this does not change the existing facts. All the many attempts made in recent times to withhold the many explanations I have provided from the public by removing the relevant articles from books, magazines, etc. are childish, as this only ensures that these explanations are disseminated to the masses. Such attempts only show a certain weakness and are in any case only proof of the irrefutability of what is said there. Even the objections often raised that the methods used so far are practiced all over the world and therefore cannot be incorrect, say nothing at all and at most only serve to explain why things look so appalling all over the world.

The best parry in this case can only be a ruthless attack, whereby everyone has the right to defend and defend themselves at all times.

Anyone who knows how to do it better in practice or is able to refute what has been said here should get in touch. Many people will be able to help on the basis of their experience. They should also get in touch, because it is everyone's duty to provide help and advice in these serious times.

All those who want to hold on to the previous one out of concern for their existence should bear in mind that an existence built on a false foundation, even if it appears to be secured by pragmatization, is not sustainable in the long term, because an impoverished

people do not pay taxes and therefore cannot afford an expensive bureaucracy.

Those who are still of the opinion that water is an inanimate substance that can be controlled by mathematical formulas alone should, if they fall ill, have an arithmetician called to their bedside instead of a doctor, so that the world can be relieved of such thinkers as quickly as possible.

The buzzword "schematism", which already dominates so much of our working methods today, has unfortunately become more popular than is good, even among so-called thinkers. Today, the term "logical thinking" or "mathematically trained thinking" often merely conceals a lack of thinking power or laziness. However, the largest percentage of all discoveries and inventions have been made outside the paths taken by scientists and have usually astonished or even dismayed them.

Just as the overall progress of the world is ultimately caused by a certain degree of discontent and the characteristic phases in it are always revolutions or wars, so too the great advances in the intellectual field were brought about primarily by revolutionary thinkers.

A certain short-sightedness has also taken hold in the empirical methods practiced at our water research institutes. People are still clinging desperately to the external image of the appearance and neglecting to study the much more important nature of the internal processes. There are certainly those responsible in this field who have already recognized the limited value of these merely superficial observations, but unfortunately leave everything as it is for reasons of the security of their existence.

Let the many greedy people, concerned only with their own welfare, who believe that the blood of the earth, water, oil, coal and all other precious treasures can be torn from the earth with impunity, and that not only foodstuffs but even water intended for rich and poor can be traded with filthiness, say to themselves

that the despair of the masses will put an end to these selfish aims sooner than they suspect.

Everyone else, but especially those who have nothing left to lose, i.e. first and foremost the young, should help first and foremost to give the homeland back its former forest and with it the earth's healthy water, because then we will all be able to live and exist a g a i n .

This year marked the centenary of the birth of Nobel, the discoverer who became a millionaire thanks to his inventions. A few years before his death, Nobel recognized the impact of his inventions and undoubtedly wanted to make up for the terrible misfortune caused by his discovery through his foundation. Since then, millions of lives have fallen victim to this terrible means of destruction and war.

Millions more, perhaps even entire races of people, will be robbed of their lives and their existence if mankind continues to use only such inventions that are the result of pure chance and only ever reveal individual secrets of the forces of nature. Without knowledge of the big picture, centuries will and must therefore always pass before the true face of a discovery, initially regarded as a blessing, can be recognized.

The example that people often have to take extremely disastrous detours until they recognize the facts is by no means unique.

If we study the article published in the economic section of the "Deutsche Zei- tung" No. 242 of 15 Gilbharte 1933, we see that the German government is now beginning to make up for a serious mistake which has also been committed for about a century and which has perhaps caused even greater disaster than the use of modern means of war. "New forestry" is the title of this article. Even though science has long recognized that much of what has been practised in modern forestry up to now is not correct, and that since the

[1] *Old name for the month of October (editor's note)*

Although the introduction in the middle of the last century of the scientific forestry measures that are now applied almost everywhere has caused our forests to deteriorate, we have probably lacked the necessary courage to manfully acknowledge the mistakes we have made. The ban on clear-cutting has certainly done much, but by no means everything. Here, too, people are just trying to buy time to save their livelihoods or at least their pensions at the expense of the general public. But this will not succeed, because this chapter in particular will be dealt with in such detail in later treatises that every schoolchild will see what is at stake here and what a terrible disaster has been conjured up for the whole of humanity by so-called modern forestry science as a result of ignorance of the facts. The same applies to m o d e r n agriculture and other modern achievements.

As far as armaments and preparations for war are concerned, it should only be briefly mentioned here that in this field, too, it is possible to effortlessly disable any bomb or gas plane, or even grenades filled with poison or explosives, by means of extremely simple measures. All other weapons of war will also be child's play once mankind realizes the power that lies dormant in water.

And it will also be ensured that everyone learns to use these powers. For if humanity wants to ruin itself by force, then it should also be given the appropriate means so that it can fulfill this wish as quickly as possible.

The above should leave the reader with very mixed feelings. Among other things, one might also come to the conclusion that, in view of the many and undoubtedly correct observations and therefore valuable pointers, it would be quite unnecessary to attack science and the whole of technology as vehemently as has been done here.

Unfortunately, this is absolutely necessary because it would be completely pointless to seek contact in this direction.

The following explanations, which will be dealt with in great detail in further publications, may serve as proof that a compromise or an integration of the discoveries only hinted at here, which will be dealt with in detail later, into the existing scientific edifice is not possible, because the error of today's science and the damage caused by today's technology is too great.

With the current consumption of coal amounting to two billion tons per year, the time when these important energy sources will be exhausted is already very close. In a few centuries, as science itself has calculated, the last oil reserves will have been extracted from the earth, so that if we continue to operate in this way, we will have to look for other sources of energy, as the loss of this energy would mean the destruction of today's civilization.

Science is also trying in all seriousness to discover new energies and believes it can achieve this by researching cosmic energies, among other things. However, this project not only demonstrates an almost limitless one-sidedness, but also provides irrefutable proof of the untenability of the scientific endeavors and goals to date, which, to use a more precise term, can only be described as utopian. A science that has such goals cannot possibly be taken seriously, nor can it claim the right to play a leading role in the fate of mankind.

Even if the direction shown above is certainly far from being the only correct one, it is nevertheless already approaching the truth, which as such can only ever represent the relatively most useful error, because researching the purest truth is and will probably remain an unattainable goal for people.

The mere idea of using substitute energy sources only after all coal, oil or wood reserves have been used up is so absurd that the whole of science has already been judged by this alone.

The temperatures prevailing in the earth's interior are the product of balancing processes that take place between the carbon substances in the earth and the oxygen substances that e n t e r the earth with the water. If the last, highly organized carbon substances were to be torn out of the earth, these balancing processes could no longer take place and the earth would have to cool down. However, since it is practically impossible to actually remove all carbon substances from the earth, these phenomena can only occur to the extent that the disturbances of the inner connections caused by the removal of the carbon substances or as a result of the aeration of the earth have an effect.

The effects of today's technical and economic interventions in the organism "earth" must therefore lead to the following results:

If various external influences, such as drilling, development of the earth through deep wells, shafts, etc., excessive extraction of coal, metals, etc., lead to an interruption of the equalization processes and thus to a cooling of the earth's crust, this must also l e a d to a cooling of the atmosphere. The same causes that lead to an excessive accumulation of oxygen in the atmosphere must also lead to a concentration of oxygen as a result of the influence of cold.

In the course of time, the layers of air that are normally under negative pressure become heavier due to the lack of upward-flowing carbon material groups, sink and supersaturate both the vaporous and the liquid hydrosphere with oxygen.

If oxygen-supersaturated and therefore heavy water reaches deeper layers of the geosphere, for example the coal sphere, the oxygen carried along will cause lively oxidation phenomena at high temperatures, the sum of which will lead to local explosions or eruptions. Subsequently, the earth's crust must burst and the gaseous carbon groups must suddenly flow upwards. These relatively deeply organized substances will only come into contact with the atmospheric oxygen at high altitudes and cause a regional division into different heat zones.

This causes more or less strong air currents and sudden cold spells.

In the equatorial regions, the rising of the carbon substances will be promoted by stronger heat reflex phenomena.

Under certain circumstances, the resulting interactions can become so large and so aggressive that the equalization area in lower zones expands in a funnel shape; this leads to the general formation of so-called tornadoes and violent cyclones, which have always been known in equatorial regions. These violent equalization processes also force the water vapour to accumulate locally, the consequences of which are the formation of heavy thunderstorms and the occurrence of cloudbursts.

During strong eruptions, in addition to large quantities of carbon substances, large quantities of water vapor are also emitted, which cause an increase in resistance to the energy rays coming from the sun and thus an increase in heat. The consequence of this phenomenon is a short-lasting lush vegetation enrichment, i.e. an agricultural pseudo-success, which, however, again leads to an increased consumption of gaseous carbon substances, which now cannot be replenished from the earth's interior to the necessary and uniform extent. This again leads to a qualitative degradation of the vegetation forms and to a depletion of the energy substances re-radiated by the sun, thus ultimately to a systematic cooling, i.e. to the initiation of a new ice age.

These developments are currently b e i n g brought about by the devastating activities of people in the fields of forestry, agriculture, water and energy management, because the prevailing one-sided views prevent the uniformity of the water cycle and thus also the energy cycle, the upward flow of carbon substances. As already mentioned, the senseless methods of human activity common today must lead to a qualitative decline in the energy substances reflected from the sun and, ultimately, to reduced heat generation due to the suppression of oxidation processes in the atmosphere, so that it can rightly be asserted that the next ice age will be the last.

time is being pulled by the hair by today's science and technology.

For this reason, the progress of technology must logically lead to the economic decline known throughout the world, which will increase at the same rate as the energy sources for maintaining technical progress are extracted from the earth. The greater progress we make in technology, the deeper we will and must sink economically and culturally. But that is not enough! With the decline of the oxidation processes that are absolutely necessary in the earth, enormous accumulations of water must occur first in the atmosphere and later in the earth itself, because the water can then neither be processed nor converted there.

The water that penetrates the earth or f l o w s upwards in the atmosphere, evaporates again, is highly oversaturated with oxygen and low in carbon, and will shift its freezing point due to the lack of its partner, the carbon substances, which means that the general climatic conditions must subsequently change from the ground up. Furthermore, the unipolar charged groundwater, if it is relaxed by a lack of carbon, must sink to depths where carbon may still be present, shift its boiling point there, oxidize prematurely and cause violent eruptions. The entire vegetation must disappear again with the sinking of the water, just as it once came, and the vegetation zone will slowly but surely freeze over according to law after tremendous catastrophes, which must appear in the form of earthquakes, cloudbursts and hurricanes, etc.

The water catastrophes that are already increasing everywhere and which, as reported, will claim an estimated 20 million lives in China, for example, are still very harmless events for the time being compared to the catastrophes that are expected to occur in the near future if people continue to be guided and led by today's science.

For example, the current explanation of rain formation is so incomplete that one cannot wonder enough how such a hypothesis could persist for centuries.

Science explains the formation of rain by the condensation of the water vapor contained in the air as a result of cold, an explanation that certainly comes close to the truth in a broader sense, but ultimately represents only a very incidental side effect, since, as very simple experiments prove, the formation of rain is also primarily due only to the aforementioned equalization processes, which can only occur when the rising carbon substances and the oxygen groups that go deep with fine ice intersect.

If the view of science were correct, it would have to rain in the higher layers in winter and snow in summer, since, as we know, the air temperatures, like the temperatures of the earth, undergo an opposite change with the change of the seasons.

In view of the consequences only briefly hinted at here, which must occur purely lawfully and therefore reliably if today's scientific views are pursued, there is only one viable way left and that is to make people suspicious or supportive, because only in this way can the impulse to recognize the actually existing and unimaginable danger that we misguided people are practically facing today, regardless of race and nation, perhaps still be triggered in the last hour. Since, apart from those who have led us all into this dreadful impasse and who would lead us into chaos with an almost heavenly cluelessness, there may still be people who have at least retained enough humanity, to at least not consciously lead our children into such horrific catastrophes, there is at least still the possibility of tearing the blindfold from the eyes of the sensible in order to attempt a rescue with the help of these few, which our youth will undoubtedly actively support because their own future is at stake.

It is well known that there is no cure for stupidity and that the unconsciously mistaken can hardly be called to account. However, once the causes of the decay that is evident everywhere have been recognized, any continuation of these working methods that deliberately lead the whole of humanity to ruin would undoubtedly be a crime.

The current technical and economic measures had to lead to a systematic disturbance of the water balance and thus to an already very extensive suppression of the balancing processes that determine all life in nature.

The logical consequence of the suppression of the oxidation processes taking place between the basic building materials is an ever-increasing desertification and cooling of the vegetation zone that nourishes everything.

If today's working principles are continued, there must therefore inevitably be a general world famine, notwithstanding the ever-increasing incidences of decay and disease.

The insights gained from the above explanations must force us to make the following decision:

Either we renounce the achievements of today's science and technology, which can only cause serious damage, and leave today's authoritative spiritual leaders cold - or we allow ourselves to be gradually chilled by them or to be led out onto the ice in the truest sense of the word by every trick in the book, so that at least a future human race can be preserved for as long as possible in this strictly scientifically preserved form as a warning end product of a bygone "culture".

Vienna, November 1933.

Appendix I

AUSTRIAN PATENT OFFICE

PATENT No. 134543

Viktor Schauberger in Vienna
Water flow in pipes and channels.

Applied for on August 12, 1931 - start of the patent term:
April 15, 1933 - Issued on August 25, 1933

The object of the invention is a water guide which has the purpose of increasing the flow rate of water compared with smooth water guides, channels, pipelines and the like.

According to the inventor's view on which the invention is based, turbulence phenomena in conventional water conduits are partly caused by temperature differences in the different water layers, but mainly by the fact that the water masses sliding along the walls have significantly different velocities than those near the center, causing rolling processes to occur at the transition layer.

In order to prevent sedimentation, it is known to build into the water conduit curved surfaces projecting from the wall towards the center, each of which is curved in such a way that it pushes the water from the wall towards the center of the water conduit. It is also known to provide the inner wall of pipes with helical elevations in order to impart a circular movement to the water.

The invention now relates to a further embodiment of these measures for the purpose stated at the beginning.

The drawing shows examples of the subject of the invention. Fig. 1 shows a view of the pipe, Fig. 2 shows a single guide vane more from above and at the front against the direction of flow and Fig. 3 shows a view of the pipe in the circumferential direction.

seen in the opposite direction. Fig. 4 shows a channel according to the invention. Fig. 5 illustrates a cross-section through a guide vane provided with grooves running in the direction of the water flow in a swirl-like manner.

The guide vane-like surface groups 2, 2', 2" are installed in the pipe 1. Each group of surfaces 2, 2' and 2" lies in the course of a helix 3 or 3 and 3', as indicated by the dotted helical lines.

The guide surfaces themselves are curved like plowshares in the sense of the swirl and rise in the direction of flow so that they push the water towards the center of the pipe and cause it to rotate around the pipe axis.

In Figs. 2 and 3, which show a single guide surface viewed more from the front and top or from the side, the dotted arrow shows the direction of flow in the smooth tube, while the fully extended arrow 5 shows the course of the flow threads displaced by the guide surface.

Similar guide surfaces can also be installed in channels. In this case, of course, the individual guiding threads are not twisted, but are arranged straight behind each other and, as Fig. 4 shows, symmetrically to each other on both sides of the vertical center plane.

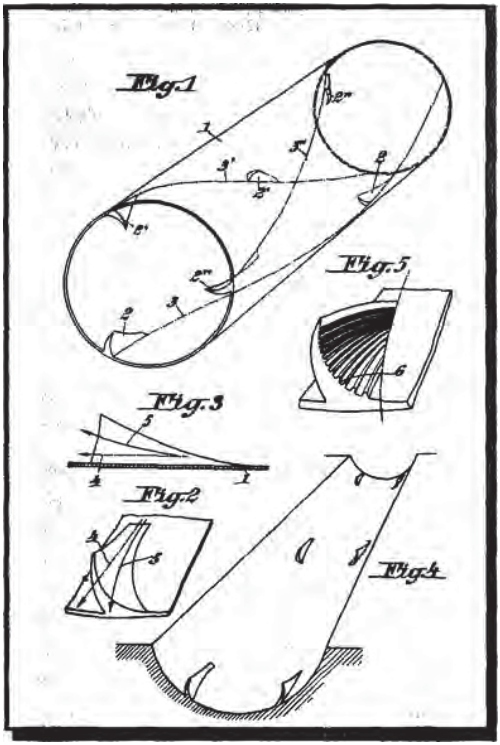
The shovel shown in Fig. 5 is provided with swirl-like grooves 6 on its guide surface, which also support the movement of the water in a vertical direction in the course of a swirling movement. Pipes equipped with such vanes are particularly suitable for transporting goods heavier than water, e.g. ores and the like.

PATENT CLAIMS:

1. Water guide in pipes and channels with built-in, vane-like surfaces which project from the wall towards the center and each of which is curved in such a way that it forces the water from the wall towards the center of the water guide, characterized in that the vane-like surfaces in the case of pipes in the course of a multi-start

The channels are arranged symmetrically on both sides of the vertical center plane of the channel.

2. A water guide in pipes and channels according to claim 1, characterized in that the guide vane-like surfaces diverting the water from the wall towards the center are provided with swirl-like grooves in the direction of flow of the water.



Appendix II

AUSTRIAN PATENT OFFICE

PATENT No. 138296

Viktor Schauberger in Vienna

Water flow in pipes and channels - additional patent

Applied for on November 2, 1932 -Start of the patent term: March 15, 1934 - Issued in July 1934

The invention relates to a further embodiment of the water flow in pipes and channels according to patent No. 134543 with built-in, vane-like surfaces projecting from the wall towards the center, each of which is curved in such a way that it forces the water from the wall towards the center of the water flow, whereby according to the parent patent the essence of the invention in pipes is that the vane-like surfaces are arranged in the course of a multi-pass swirl. According to patent no. 134543, a special design of the vane-like surfaces is that they are provided with grooves running in the direction of flow of the water in a swirl-like manner.

The invention now relates to a further design of the vane-like surfaces, the purpose of which is to promote the forward movement of the water in the core compared to the water flow in the edge zones.

Simple inhibition of the edge zones would lead to turbulence phenomena in the boundary layer between the core and edge zones and would have an unfavorable effect on the formation of a well-developed core zone. The invention now aims to divide the edge zone into individual vortex formations which, due to their internal stability, are, so to speak, solid formations with little tendency to disintegrate, which in their entirety result in a water jacket that favors the advancement of the water core. The elements are

The water flow is wound in a torsion chip-like manner so that two steering surface elements are formed which are basically positioned according to Fig. 1. These two surface elements have the task of imparting a helical movement to the water threads of the edge line of the water flow arriving in the direction of swirl 3, so that a helical under-movement occurs in the helical movement of the entire water jacket. In the drawing, the object of the invention is shown in an exemplary embodiment in Fig. 1 in plan view and in Fig. 2 diagonally from the front, seen against the direction of flow. Fig. 3 shows the surface unwound.

In the pipe (l), the guide vane-shaped elements (2) are arranged in the course of a multi-pass swirl (3), as in the parent patent. When leaving the blade part (5), the water threads are always given a movement directed towards the center of the cross-section. The guiding of the water is facilitated by grooves (6) and, as the grooves converge conically, the formation of press water is triggered, which is also intended to push the conveyed material towards the center.

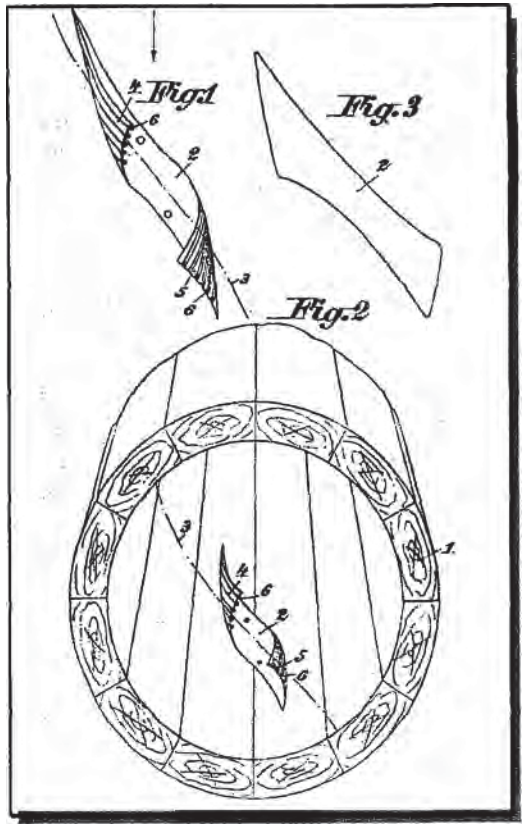
The steering surfaces can also be composed of individual elements that are separated from each other.

PATENT CLAIMS:

1. Water guide according to patent no. 134543 with guide vane-like surfaces projecting from the wall towards the center, characterized in that these surfaces are wound in a torsionally chip-like manner so that two cooperating vane-like elements are formed in each case, of which one separates the edge zone of the flow from the core zone and the element following in the direction of flow also imparts a circulating movement to the separated bundle of filaments moving in a helical path as a result of the helical arrangement of the vane-like surfaces, whereby the edge zone is divided into individual stable vortex formations.

2. Water guide according to claim 1, characterized in that the guide vane-like surfaces have the shape of approximately

rhomboid strips w h o s e diagonally opposite obtuse-angled corners are bent up towards the same side of the surface.



Appendix III

Glossary

Compilation of some of the terms used by Viktor Schauberger, including the conventional meaning and/or interpretation of what he understood or could have understood by the respective term. The main basis of this position is the so-called equivalence list, which was compiled by Prof. i. R. Dr. Norbert Harthun and Dipl.-Ing. Uwe Fischer for the PKS basic seminar "Implosi- onstechnik" in 2000.

allotropic - diverse, different forms of appearance of a substance

allotropic (state) form - solidified state form

analytical - decomposing; structure loosening

Movement - every movement serves to transform the moving substance

Diffusion - penetration, equalization of concentration differences

electrodynamic - relating to electrodynamics (the science of moving, flowing electricity and its effects)

Emanation - outflow, emanation, radiation (of natural or artificial radioactivity, especially of spring water)

Carbon substances - all naturally occurring elements of the "periodic system" with the exception of oxygen (and hydrogen, *see chapter "The pulsation of water")*

Temperature gradient - positive T.: water temperature approaches anomaly point of + 4^0 Celsius; negative T.: water temperature moves away from anomaly point. For human blood: approaching/distance from approx. 37°C

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