

## Knowledge Creation Part 3: Take care and thanks for the fish

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**Florian Reiterer:** Welcome to Mother Earth Radio. My name is Florian Reiterer and I'd like to welcome you to the third instalment of our discussion series Wissen Schaffen.

The blue planet - the only one in the universe that harbours water and therefore life. When we look for life in space, we always look for water, but the only water, it seems, is now here on earth and with it life. It is said that life originated in water, the first living creatures, single-celled organisms, were found in the oceans. The seas are the amniotic fluid in the womb of Mother Earth, says Silvio Lachmann, who is of course back with us today. Good morning, Mr Lachmann!

**Sylvio Lachmann:** Good morning to Munich, Mr Reiterer!

**Florian Reiterer:** What do you mean by that?

**Sylvio Lachmann:** Water as a life-giving substance, water as the basis of life. You said it quite rightly, the earth's amniotic sac, water, the oceans. Water has properties that have not yet been researched in detail, it has many anomalies where water does things that physicists simply cannot understand. And water is already modelling the structure of life within itself, so to speak. And this takes the form of the elements found in water, for example. We find 64 elements in seawater in salt water, which are also the elements that play a role for us as humans in our blood. So water really is the fundamental fluid for the formation of life.

**Florian Reiterer:** I don't even know what the conventional wisdom is? Life originated in water; one possible idea of how this could have happened was that the lightning activity in the oceans simply caused a burst of energy that made it possible for molecules to come together in this amniotic fluid and ultimately form single-celled organisms. Is that actually the conventional wisdom?

**Sylvio Lachmann:** Yes, it is assumed that there was a so-called primordial soup, a primordial sea. At that time, the conditions on planet Earth are said to have been different than they are today, due to volcanism and meteorite impacts, a lot was formed there at that time, and the first hydrocarbons were probably brought to Earth from outside by carbonaceous chondrites, which are a form of meteorite. And this, together with the combination of water, ensured that the first molecular compounds, which are fundamental for life, were able to form. That is now the conventional wisdom.

But I have a different opinion. First of all, it's all just conjecture, what was going on on the planet a few billion years ago?

bold theories that are circulating today and in my opinion water is responsible for the origin of life on Earth. In fact, water is more common in the universe than we think, a lot of water clouds have been found directly, i.e. where water plays a role in huge structures in the universe.

And the water transports itself through the universe in the form of comets. Comets are basically dirty snowballs, you could call them that, a mixture of a lot of water and sand and rock, which is then frozen. And this frozen water comes from somewhere, so the water transports itself through space and then at some point it forms new planets.

And brings back entries there. That's actually quite an exciting topic, namely this water on Earth, there's an assumption that the water comes from Mars, Mars was obviously once water-bearing, you can see that from these huge washouts on the surface and this water is gone, you can still find frozen water on Mars today, which some space missions have found. Most of the water is gone. Perhaps this even has something to do with the Flood that took place on Earth, that some of the Martian water has come to Earth. At the moment, we can say the following: due to the current warming, the ice at the poles is melting and there is a lot of Martian rock in there. Where does that come from? They can't all be meteorites, so we should really pay attention to what happens there in the near future. So my guess is that there could be some kind of connection with life on Earth and Mars, that there was an input from there via the water, which may have come from there somehow. At least that's my personal theory.

**Florian Reiterer:** However the water landed on the earth, the first living creatures were found there, and the oceans then took over the bodily functions for these single-celled, still very simple creatures.

**Sylvio Lachmann:** Yes, the bottom line is that these unicellular organisms, which then formed from these molecular hydrocarbons, did not yet have any organs in that form, and the water took over everything. So the transport of nutrients to the unicellular organisms, what was found in the water and then also the removal of waste products, the sea took over everything, the sea as a kind of body, you could say, as the amniotic sac of these unicellular organisms. And the whole thing then became more and more complex until there were creatures, coelacanths and so on, that were able to leave the water. And we can see that even today, for example, humans consist on average of 70% water, so we have taken some of the water with us in order to have on board, so to speak, these aids or accompanying circumstances that were previously provided by the sea, so it's quite a complex story of what has taken place in the whole organisation over millions of years.

**Florian Reiterer** We are made up of 70% water, which probably goes all the way down to the cells, where the individual cell is probably about the same size.

has the same proportion of water.

So we have even taken the water with us. Water is distributed all over the world, even in the universe, and is therefore another expression of the fact that everything is inextricably linked. But what we are doing with the oceans today is of course not to our advantage.

**Sylvio Lachmann:** As we know today, water stores information. In the meantime, people are even talking about a memory, so that's saying something. And this water, if it stores information, then it stores both good and bad information and what we as quasi-aquatic beings are now doing with the water, yes, I would describe it as a huge mess, in the truest sense of the word. We are blatantly polluting the oceans, I only have to remind you of all the dumping of waste in recent decades, what has been floating around in these oceans for thousands of years, plastic waste and so on, then all the ships, oil tankers that have sunk in recent decades, all the armed conflicts on earth where ships have sunk that had highly toxic substances on board, all the nuclear waste, all the radioactivity.

We also use water to cool nuclear power plants. Nuclear power or nuclear processes and water are not at all compatible. You can see that from the tests that have been carried out, how water really starts to tremble when nuclear weapons tests have taken place, it's crazy when you see these pictures, so the water really seems to get into a tizzy there, to be really afraid of these stories and these are all entries that the water has stored.

**Florian Reiterer** The fear and paranoia of the last 3 years, if it's been imprinted in the water, then I'd say we're getting some pretty nasty information. But of course one wonders whether information is stored in the water, something that is not technically used now, for example water computer chips or the like. Is there anything really tangible that this really happens or works?

**Sylvio Lachmann:** 20 years ago, we had a researcher in Germany, Dr Bernhard Ludwig. Ludwig was a first-rate basic researcher, and he had already done a lot of work on water and then came to the conclusion that water is capable of storing information via the cluster structures of water

There is something quite interesting there, in connection with an art project. There is an artist in Berlin, who I had the pleasure of meeting a few years ago, who made an art installation in Dresden that would have done any physicist proud. EEG electrodes were attached to the human head, basically to record brain waves. Then these brain waves were recorded and these frequencies were transmitted to water in a glass container via a special loudspeaker, and then the whole thing was filmed and projected onto a screen. I almost lost my faith when I saw this, as did the other participants in these experiments. As you can *imagine*, it's incredibly interesting; the water that starts to vibrate when you see these images through the loudspeaker. It's a bit like the

Chladny's sound figures form wonderful structures.

And now the following happens, someone joins you or I approach a person who is connected to such a system and you immediately see how everything on the surface, on the structures, is newly formed, newly changed. It's like a kind of writing, you could say.

It even reacts so strongly when someone comes into the room and the person who is connected does not see this, but someone comes into the room, then this also has an influence on my brain structure or via the aura or via the electromagnetic networking between people, and this is then immediately acknowledged in the form of other image properties.

That's incredibly interesting. Here you can see that water has some kind of ability to create images.

So none of these things are coincidences and they are also used again, for example when I freeze water where there are these wonderful textured images or with snowflakes, these are not random formations, they all have something to do with the environment.

Or water in the form of Fitzroy's storm glasses - there are these storm glasses that are hermetically sealed, i.e. a glass tube with water and a few chemicals in it, and when the weather changes, for example, beautiful figures form inside, similar to stars, like snow crystals.

And one last thing: It must work that water functions as a memory, perhaps even as a memory. You can find this on the internet. There's a professor in the UK who has hydrocephalus, i.e. he has virtually no brain mass, the whole inside of his skull is full of water and this man has an incredibly high IQ, which has of course now been researched and it has been established that this is not uncommon. It's labelled as a disease, but I can't think of the term now, because it happens and these people often have very, very high mental abilities. And they are also trying to find out why this is the case, they are researching the matter, so without large brain volumes, the water probably takes over the tasks that the human brain otherwise has, as we see it today.

**Florian Reiterer:** Water can even replace brain matter for us. Perhaps we should attach a little more importance to the cradle of life, even in terms of the drinking water we consume. The term hexagonal water, which has recently been used to advertise every filter system or full moon bottling, was completely new to me. Mr Lachmann, what is that again?

**Sylvio Lachmann:** A publicity stunt. I'll explain briefly, Mr Reiterer. I spoke earlier about Dr Ludwig and Ludwig did very intensive research on the subject of water in the 1980s. He published a book, *Water and Homeopathy*, which I recommend to anyone who is interested in the subject, it's a bible, and he didn't do it with any wild theories back then, he had the appropriate measurement technology. He was already working with spectrometers, he did this to some extent, in Germany at that time it was still possible on behalf of the Federal Research Centre, so he was also quite well equipped in terms of laboratory equipment.

And Ludwig was the one who realised that when it comes to water

There are huge structural differences and water has two phases, so to speak. He described one of these as Crystalline I. This is the water that is less organised, which occurs in nature in puddles, in ponds and in the rain occurs. And then he realised that there is a highly structured water that occurs in living organisms, which he called crystalline II.

And he then drew a picture of how these water clusters are arranged and gave a wonderful description of them. But I don't want to go into any more detail now, in any case this water crystalline II is special water, we have it in the form of cerebrospinal fluid in our head, in the spinal column, it is highly structured water with quite crazy properties, at 37 degrees at body temperature it is as thick as salad oil, so this is another water anomaly where physicists don't know how it works.

In Germany, nobody took any notice of his research, apart from a few experts. And the topic actually disappeared into oblivion and this book probably then reached the USA. Professor Pollack, who came up with the concept of hexagonal water, probably read it and spiced it up, which is what happened to many things in Germany, including all the patents that were there in the Third Reich, which were all taken to the USA, then spiced up and then came back again somehow, was then advertised as a great world first with appropriate marketing and that's how it is with this whole water story.

Hexagonal water is now being misused for advertising, so to speak, and people neither know what it is, nor if you really ask what hexagonal water is, how did you sample it, then you get a big look, you don't know. I took the trouble to really scrutinise this, I contacted Pollack in the USA myself.

He then recommended a bit of material on his website and also recommended a book. I looked at it all; the only thing that interested me was the little film where you can see this boundary layer phenomenon with the water, where he describes it as hexagonal water, otherwise it didn't knock my socks off, because Ludwig described it better, it has to be said.

And now it was about how to sample hexagonal water in the first place and that's where it starts to get funny.

I can measure this over certain frequencies, but I need a nuclear resonance measurement and I asked the TU Dresden, in solid state physics, in chemical analysis. In principle, they could do it, but now comes the crux of the matter. It's like comparing apples with pears, and here's why: deuterite has to be added to the water sample that I want to sample as a solvent, which is basically what the water itself already contains in the form of deuterium, and it's a radioactive isotope or an isotope form, and I have to add it to the water because of the calibration of the measuring device, so to speak. And you can imagine it like this: I stand on a pair of scales that have been adjusted beforehand. So I haven't calibrated it to zero, some value has been set, but I don't know what value and I then take that as a starting point and say what comes out as the measurement result is actually like that, and that's utter nonsense.

So the measurement method used, such as the hexagonal water structure

is not suitable for this purpose, it has to be said quite clearly, and so the whole subject of hexagonal water is actually a huge publicity stunt in my eyes.

**Florian Reiterer:** How can we take meaningful samples today?

**Sylvio Lachmann:** By reviving Ludwig's technology. There is also a huge problem here. Ludwig used spectrometers, mainly a so-called Raman spectrometer, and this Raman spectroscopy can be used to draw or obtain conclusions about the water structuring and the whole thing is quite valid, but now we have a problem. As an engineering office, I had planned to possibly acquire the appropriate technology, but I have now realised, unlike in Ludwig's day, that I need illumination in the spectroscope. All the new spectroscopes, most of them already have LED lighting in them and it's a bit like deuterite and deuterium in water. LEDs emit something other than light that is not good for the water, it's like the little brother of X-rays. And this again causes distortions in the sample itself. So you really would have to set it up explicitly, a measuring apparatus like Ludwig did back then. But we're working on that and I think we'll be able to produce clean results ourselves at some point.

**Florian Reiterer:** But what could you perhaps do for your water yourself to achieve a higher level of structure? To revitalise the water, perhaps simply to give the water a treat?

**Sylvio Lachmann:** I would like to start with a little story. It allegedly happened that in a shipwreck, the crew had to survive for a long time without drinking water on the ship and that is impossible when drinking salt water over a long period of time. And the crew of the ship then did the following: they blessed the water and wished, so to speak, that this water would become drinking water. That sounds almost biblical, but they drank the salt water and survived the time they were at sea until they were rescued, and that is a true story.

So there seems to be some kind of ability in the water itself, that the water perhaps even has mutagenic properties and can make changes to the structure on its own. And this has now been proven in physics, that it has been seen, yes, OK, inside the water, it purifies itself, it is able to bring out different structures from within itself and of course we can also trigger the whole thing wonderfully with our thoughts. Let me give you another example where I think water also plays a role. If I now connect a measurement sensor to a plant. Plants can feel something like fear and react to it. You can measure that and I only think about it when I'm standing in front of the tree that I've connected to such a measurement sensor and I imagine that I'm going to cut down this tree, only the idea causes the tree to become stressed and the whole thing becomes measurable and, in my opinion, this is based on the fact that the tree's behaviour is not affected by water.

Water forms a formative thought function or transmission line here, and if this is the case, then of course you can restructure the water or call up abilities from the water by means of blessings or wishes that you imagine in your mind.

Or maybe the water is just an interface in this case. I can't answer that at this point. For example, I bless my water and I wish for my water, what I drink, I give thanks for it and wish that I receive life energy and a connection to the whole. In the beginning I did this more or less as a joke, but I realised that something happens when you do it for a while and, above all, do it in the evening and include it in your dreams. So now you wish for nice dreams, then it works from time to time. I'm not just imagining it, for example, I'm really speaking from experience and I can only advise everyone to give it a try, if it doesn't work, then it won't work.

But I think it will help most people and there is another very simple thing: we are actually supposed to drink water from our environment, so the imprint of the water from our birthplace is something we have for life and if I now send water via transport routes, we usually buy the water in the supermarket and so on, then it has been transported and has of course come into contact with all kinds of things in terms of radiation and this of course has an influence on the water quality itself, i.e. on the structuring. Then you could structure it quite simply by using glass funnels. That's how I do it.

You don't need any swirling systems with electricity or anything else, you can do it all yourself. Take two jugs, take the glass funnel and pour the water from one jug into the other via the glass funnel, then the water is swirled wonderfully and you do this 7 or 11 times, it's always a prime number or Fibonacci series and then you can try out the taste of the water that you haven't poured through there. And when you drink it, you'll notice that the water that I've tipped through the funnel several times has different properties, you'll notice that when you swallow it, it gurgles so differently from the other water. And you can energise your water with very simple means, swirl it and...yes, just try it out.

**Florian Reiterer:** Mother Earth Radio is a very simple tool that you have already come across, dear listeners, because the music on the Faslakston certainly appeals to the water and I think it can evoke memories of things that we and the water used to be able to do.

**Sylvio Lachmann:** That's right, Mr Reiterer, we've already tried it out on our premises, the whole thing, namely we naturally exposed water to music from Mother Earth Radio with Faslakston and then analysed the effect of the water on the organism via a heart rate variability measurement and I can only tell you, great, that's almost our own advertising drum now, but I'd like to see it in an experimental lecture online perhaps or in some other form so that you can show it off. To realise what is possible through music and water together.

**Florian Reiterer:** Mr Lachmann, thank you very much for this interview. Florian Reiterer says goodbye at the microphone. You can find a manuscript of this and all other science programmes at Mother Earth radio.de. Thank you for listening. Take care.