

Reproduction in the Water-Bodied Living-Beings

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Abstract -

1. It is revealed that the interaction of dissolved air with the bee-hive structure of water clusters imparts, apart from the 3 amazing properties like capability of energy exchange, memory and sensitivity of Living-beings, also the property of Reproduction.
2. This unique phenomenon of reproduction and its mechanism at work can be explained scientifically. It provides conclusive proof in the support of the 'Theory of Water-bodied Living-beings.'
3. The process of transformation from livingness to non-livingness and vice-versa can also be properly understood and explained by this theory of reproduction.

Key Words:

Criteria of Living-Beings, Venn diagram, Reproduction, Paauttha padihar, Bio-Potential, Yoni-Structure

1. INTRODUCTION

1.1. Previous Research

It had been hypothesized for the first time in the year 2014 that the bi-polar water molecules assemble themselves into a particular mode of Spherical **net-like** cell structure, which after absorption of Air, functions like a living-being, without having any DNA and RNA. It has an inherent nature (internal character) and an external form with certain electrical and vibratory properties [1]. It also explains the actual mechanism of "Training" of water cells, which is imparted during the characterization of cells, termed as Potency making process of Homoeopathy.

1.1. Since water was shown to have the following 3 important criteria [1], it was placed in the category of **Inorganic** form of living-being as per modern biology..

i). **Ability to exchange energy i.e., to fix energy and transfer it in a directed way,** (In other words, it is able to select and consume its food),

ii). **Ability to remember and pass-on information, i.e. the ability** to be trained and in turn, the capability to train others.

iii). **Ability to exhibit sensitivity to external stimulation.** In other words, if one abuses or praises it, it should react differently.

The mechanism of making water non-living by treating it with foreign solutes or by boiling was also experimentally demonstrated. Water was found to have a shelf-life of non-livingness, dependent on its environmental conditions.

1.2. Water Conference in 2017

The Review report of Proceedings of the International Water Conference in 2017 at Sofia, (Bulgaria) by Gerald Pollak also identified following three scientific paradigm shifts, happening in water research [2].

Water structure:

Liquid water supports organized structures, which confer properties essential to numerous physical, chemical and biological processes; unrecognized in conventional 'bulk water' scientific paradigm. The EZ theory by Gerald Pollack is its leading example [2]

Water memory:

Liquid water retains information of substances it has been exposed to. The information imprinted in water structures is biologically active. [Homeopathy -Benveniste, and Montagnier of DST Fund -IC Medicines group].

Water consciousness:

Water can be affected by conscious intentions (PK effects) – water has a key role in dynamics of consciousness. [Emoto – Psi experiments –conscious fields in water]

The three key areas of Metaphysical paradigm changes (synthesis) are expressed by a Venn Diagram as follows:

The Scientific paradigm changes viz, Water Structure (physical), Water Memory (information), Water Mind (consciousness), herald a larger revolutionary synthesis, probably, a newer form of Life. [2].

All three lead to -Life, as explained by Venn Diagram, in Fig 1.

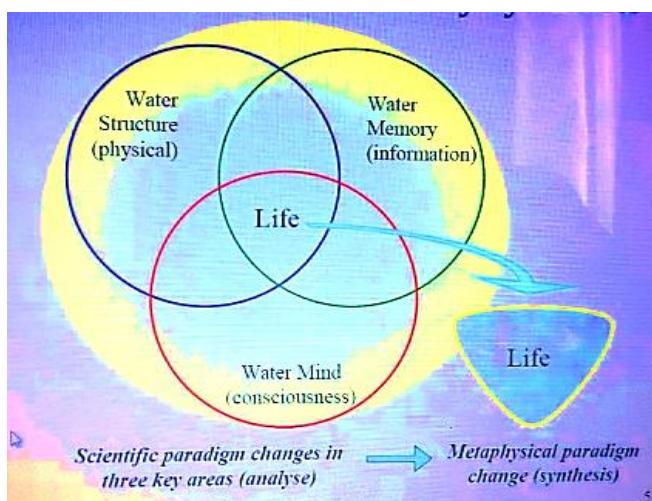


Fig.1: Life as a subset of 3 Traits (Venn Diagram by Gerald P of Hypothesis of Water Life (2017))

The report of conference by **Gerald [2]** predicts that a **revolutionary** breakthrough in science research is in the offing, because the third criteria, i.e. Consciousness / Mind are on the verge of getting proved.

However, the hypothesis of Jain [1] has already **claimed in 2014** that Water is a living being, because it fulfills 3 **criteria** of a living-being.

1.3 Subsequent Comments

But after publication of the paper [1], comments were received that the specie of water-bodied living-beings would become extinct, if it does not have the capability **to reproduce!** This criterion of a living-being has not been taken into account in **both the above** systems. Hence the critics mentioned eloquently that in absence of reproducibility trait, the hypotheses of Living water cannot be accepted as final. They also remarked that if it can be **discovered** that water has the capability to reproduce, it would **solve** the major problem of **water scarcity** in the world by simply installing water reproduction centers!

Hence investigations were taken up to find whether water has the Reproduction capability, in order to remain in the category of living- beings. It might require re-visiting and re-checking the already proven three criteria to **find a clue for** the 4th criterion of reproduction.

Special Aura photography called dip-transfer was used by Jain [1] to develop and provide a handy tool to identify and **differentiate** living from non-living water. The same technique is proposed to be used in the present experiments also.

2. Revisiting the Criteria of Living-being [1]

Since this revolutionary hypothesis is relatively recent, it is worthwhile to revisit it to see its salient points

2.1. The Scientific Mechanism of cell formation

The molecules of water convert themselves automatically into a special non-living molecular structure, due to the **em-forces** between positive and negative charges available on a molecule. As per the principle of minimum surface energy, the shape of this Yoni becomes spherical. With the passage of time, these structures go on absorbing Air from the atmosphere. The dissolved air releases molecules as well as singlet oxygen. Some molecules get converted into oxygen radicals (**anions**). They transform the spherical net-structure of water (fig. 2) into special hollow cylindrical form [1].

The dissolved gas and nano- bubbles (< 10 nm diameter) interpenetrate with the water network. Any change in water/ bubble interface may change the water structure and surface forces between ions and molecules in water. It modifies the water cluster size and its reactivity.

As per the hypothesis [1], the oxygen radicals interact with the spherical structures and enter the spheres. Due to interaction of radicals, one end of the water sphere gets flattened and opened to allow it to enter. Fig 2 shows such a Bee-hive Configuration of Water- Molecules as a spherical Net like Living-Cell.

The radicals either get absorbed in the quantum vacancy of the flat ended sphere or get pushed out from the opposite end. This pushing activity is due to the interaction between the internal field of flat

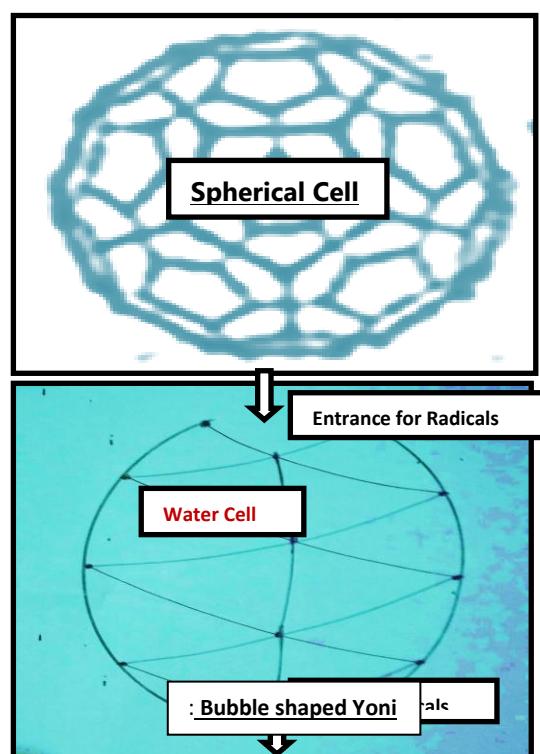


Fig. 2: Water cell flattened at the exit and entrance

mouthed molecular structure and the K.E. of radical. This probably creates a field, called Holtz field, which enables the cell to behave as a transducer [1]. Rather this structure gets converted into a so called Zygote (Yoni).

The zygote is surrounded by its own bio-magnetic field. The bonding strength between water molecules in the nano-structure is much higher than the Brownian force.

These structures may be termed as stiff, because they vibrate at high frequencies. The movement of radicals through the cells, resembles breathing activity of a living-being.

This water cell has been proved to have the capability to fulfil the basic 3 criteria of a Living-being, which has enabled water to be designated as Living-Being by the scientists [1].

Now it is required to be proved that it has the property of reproduction.

2.2. The Possible Mechanism:

The above whole physical mechanism can be understood from the view point of **Jeeva (living system)**, as found in the ancient scriptures **Pannavanaa-28 and Bhagvati 3/1** [3], in the following manner:

When a transitory Soul (non-physical entity) enters a non-living suitable physical cell structure (**Yonibhoot**), it becomes a living -being. It immediately acquires minimum **4 Bio-Potentials**, called **Paryapties**. These are "**Ahar Paryapti**" (Food Bio-potential), and Body and Sense **Paryapties**, and the Breathing **Paryapti**. The process can be understood as follows:

The absorption (rather fixation) of the radical in the quantum vacancy of the water cell can be treated as the initial diet (called **Oz-Ahaar**) and heralds the completion of "Ahar Paryapti" (Food Bio-potential), as well as the Body and Sense Paryapti. The moving radical through the cell resembles the completion of the Breathing Paryapti of the living water cell.

i) Here the action of **flattening of the spherical** cell by the oxygen radical, while entering the cell is the activity of taking of **Oz-Ahar** by the soul of the Water-bodied Living-Being for further processing.

ii) **The Ahar Paryapti** gets completed within one 'Samaya' (fraction of a second). The completion of other Paryapties in a living-structure (Sachitta -Yoni) takes place as mentioned above, within 48 minutes (an **Antar-Muhurt**). The completion of the above process can be regarded as the completion of all its Paryapties of the one-sensed water-bodied living-being. The completion of body (Shareera) paryapti and the Touch sense (Indriya paryapti) of a single sensed Jiva, seems to be simultaneous at the same moment.

iii) **Excreta:** Living-Beings require a degree of Bio-Physical/Chemical autonomy to carry out its metabolic

activity, i.e. to produce movement and fix the radicals in the quantum vacancy of Yoni. This activity produces Molecules and Energy, needed to sustain the Organism (Jiva). This level of autonomy is essential in most definitions. The radicals may re-combine on exit from the tubular water cell. Thus a cyclic conversion -action may be taking place, viz, converting Molecules into Radicals and then Radicals back into Molecules.

But a question arises about the status of its excreta. As a principle, it is known that more the efficiency of energy exchange, lesser will be the excreta. This excreta is, probably in form of generation of heat Energy. It needs further investigations.

3. Finding Capability to Reproduce

3.1. The 4th important criteria of Living-Being is to have mechanism in place to continue / survive its specie by reproduction or revival to **sustain its specie**.

3.2. Proposed Hypothesis for Survival and Death:

On the basis of the 3 criteria of Living-Being, detected in Water, a Hypothesis was proposed by Jain [1] that Water does behave as a sort of Living-Being.

Since we have never seen any dead or living water, it is difficult to grasp the trait of Reproduction by water. However, **survival trait** of specie is considered to be the most important Criteria of a living-being in order to maintain continuity of that specie. Let us now investigate this **most important** trait, called reproduction.

Specie - sustenance can be achieved either by reproduction (sexual or asexual) or through revival process. In ancient scriptures, **Bhagavati Sutra** [3], a special process, called "**पाउठ- परिहारं परिहरति**", is mentioned for survival of specie of Living -Beings.

In simple words, it means, revival of the dead body of a fellow-being by a transitory Soul, coming out from another fellow body. This is an important phenomenon.

Investigations proved that Water also possesses a criterion, similar to this special method **Paauttha padihar** (**पाउठ पड़िहार**) of **revival of dead bodies** to livingness. The process is as follows. Water living-being dies and becomes non-living by any of the following 3 methods:-

i) Its body structure is broken by boiling etc. Due to heating to boiling temperature, the "cells" (yonis) are completely disintegrated, due to vigorous thermal vibrations. The dissolved air is also driven out. [1].

ii) The content of its dissolved oxygen falls below a certain critical level,

iii) The pores of its body structure are blocked by microscopic particles of a foreign solute material, so that it cannot breathe.

These conditions can be achieved by Boiling or by dissolving some foreign solutes or by mixing waters from different sources as mentioned in *Acharang Sutra* [4].

However, water has been found to have the unique capability to automatically restore back the deficient conditions, described above at i) and ii) to normalcy. Whenever suitable conditions of temperature, humidity for air absorption are provided to dead water, its self-induced capability to re-assemble and re-absorb air, restores its livingness. Some types of solutes in dirty dead water, (condition iii), are segregated and removed from its pores by its self-cleansing property. Otherwise, it would require external efforts to help it revive its livingness.

3.3. The Mechanism of Revival:

It is to be noted that the **body structure** of water has the capability to re-assemble and bounce back to life again and again infinite times, as against the solitary nature of life of other species. However, we know that the bodies of mobile living-beings are killed forever, once they become dead. The revival technique of water is slightly different from the actual *Pautta-parihaaram-pariharanti*, i.e. *pravritta-parihaar ka parihaa*, technique, prevalent in plant life [3]. Plants have a principal Jeeva (*Mool-Shareera*), like stem of a tree, but water does not have such structure. The exact *Pautta-parihaaram* trait is normally existent in plants only, where the main soul of body is connected to the several leaves, flowers etc. of immobile type of living-beings. In water, after the death of a cell, the soul can take rebirth [4] in the same dead body or in a separate molecular Yoni (body), newly created by natural forces, as mentioned above. These bodies are not dependent on any Core Body, as is in Plants.

The above phenomenon in water proves that Life is a subset of four traits, rather than only three. It is shown in the **JJ Venn Diagram**. (Fig 3)

We notice from the Report [2] that the International Scientific institutions are still talking about finding signs of life in water by 3 criteria, whereas the present signs of life in water by 3 criteria, whereas the present paper proves the livingness comprehensively by discovering its last **4th criteria**.

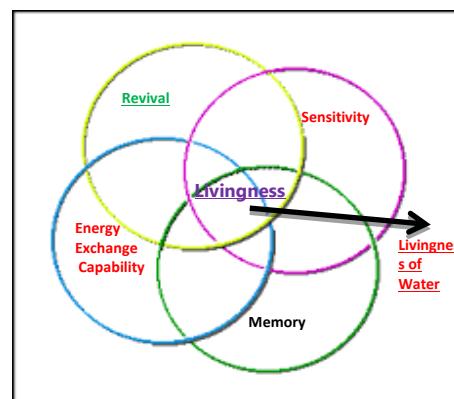


Fig.3: JJ Venn Diagram of Life

Life is a **subset** of 4 criteria.

3.4. As per **Gerald** [2], the research to prove the **3 criteria of Living-Water** is very **Revolutionary**, because it *changes our metaphysical views of our place in nature*.

We have also investigated the processes involved in the formation of Water Living-Beings. It has Comprehensiveness and Originality. Now we know, as to how does it become a living creature? We have investigated and have simple answers for the following type of queries [1]: and has Comprehensiveness and Originality

How does it become lifeless? What is the **shelf life** of non-livingness? What is the visual method to differentiate between living and non-living water etc.?

4. Comparisons

4.1. It has been observed that water has aerobic breathing, as against the anaerobic respiration by plant seeds. Even when a seed does not reproduce, it is called a living-being, only because it has capability for maintaining continuity. However, an unfertilized egg is called a living-being, even when it neither reproduces nor does it have capability to reproduce. But it remains like an eunuch, whose capability to reproduce for continuity has been deficient by birth. Revival of water is critical to survival of specie. Since water is capable of maintaining continuity of its specie, it is rightly considered to satisfy this trait of living-being also.

4.2. Visual comparison

Although scientific explanation for the mechanism, taking place in water for revival of its dead cells has already been provided above, it was thought prudent to get visual proofs also. Technique to get visual proofs for livingness has been developed by Jain [1] by aura photography.

But a comment has been received on that paper that this method was not recognized as a valid proof. However, in absence of any other known simple and

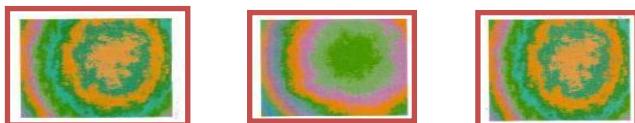


Fig. 4: Aura of i) Tap Water, ii) Boiled & cooled, iii) After 26 hours

handy tool to identify livingness of a lowly developed living-being, it was thought prudent to continue to take help of such a repeatable, so called "pseudo-scientific" method. It is to be noted that this method had been used by Jain [1] after a series of Tests and Trials with different technologies, which established its repeatability and validity of results.

Photographs of Aura by Dip-transfer technique of the aura of i) raw tap water, ii) after boiling and cooling it and iii) after keeping it undisturbed for 26 hours were taken and compared. The aura structure of first and third samples were the same, while the second one differed drastically in the structure of its nucleus, from that of others - (fig 4). See the changes in the **nucleus** of aura. This can easily be assigned to the re-formation of new water-cells and **interaction of absorbed air** with them. Thus it is visually established that water manifests also the fourth basic attribute of revival of Living-beings. It is to be kept in mind that the validity of theory of reproduction does not depend on the above visual conclusion.

The theoretical base of the "Revival" phenomenon **integrates** and puts the earlier described main **hypothesis** of 3 Traits of Living-Beings and Livingness of Water [1], on **firm footing** to be accepted as a valid theory.

5. Summary of the New type of Life form:

We will try to understand again, in short, the whole concept of water-bodied Living-Beings

5.1. Process of energy generation:

Water is an Inorganic form of Life. The structure of its cells is inorganic. Air with Oxygen is absorbed and retained in a dynamic balance in form of radicals with the water Yoni structure. The shape of Yoni structure is distorted by the action of **electro-magnetic field** of oxygen radicals and gets a shape of loose bottom flattened bubble. When the oxygen radical enters this bubble and travels through it, the yoni slightly contracts at this area and opens up to provide a passage to it. The radical remains in dynamic balance and its **Potential Energy** (PE) is fixed. The size of radical is far smaller than even the size of single water molecule, not to talk about the Yoni structure. In fact the bubble cell will generate energy in form of Holtz field by the movement of radical, creating miniature openings at its both the ends.

Thus the action of radical not only flattens this entrance end by push, but also creates openings at both the ends by elongation of the sphere / bubble.

5.2. Reproduction / Revival

Reproduction takes place by conversion of organic food into organic tissues. Here tissue growth in 3-D is a **natural** phenomenon. Since the **Revival** process in water does not take any organic food, so logically it cannot have any physical **dimensional growth**. As seen earlier, water absorbs air containing oxygen from the surroundings. The **oxygen** is converted into radicals and singlets. The energy field of Radicals reacts with the field of the spherical water cells. We have seen above, as to how they generate bio-field and influence the shape of the living cell of water. When water is boiled, the solubility of air becomes zero. All the air is driven out. The **Hydrogen bond** of water molecules breaks down. The water **becomes dead** with randomly scattered molecules.

At lower temperatures, the **electro-static forces** start dominating to form again spheres by hydrogen bonding. Water starts absorbing air from its surrounding. The rate of **absorption** is influenced, as is known, by the ambient temperature, humidity, wind speeds and exposed surface area. Near its saturation point, all the events of yoni formation and birth of **Living-Beings** (LB) are repeated, making the water a **living entity**. This is, clearly a Revival process to keep the specie survive. The events make it completely different from the reproduction process.

5.3. Zygote formation

A Bubble is a hollow sphere, when it is alone. It gets distorted, when mutual forces interact on it, like surface tension, relative mutual electric fields, pressures and viscosity etc. During **formation of Zygote**, the spherical water molecular structure, having a net like surface undergoes a change. It becomes a flattened and **elongated bubble shape**, having small openings on two ends (fig.2).

5.4. Colloid formation:

When a colloid is formed by dissolving some polar materials in living water, **like ash powder**; its net-like spaces on the surface of the body of water-bodied living-being are blocked by the finer particles of the dissolved solute. It disturbs the dynamic balance of the radicals in the cell. Their movement in cell is prevented. In a way, these living water cells can no more breathe. They die due to stoppage of breathing. The Redox (OR) potential was found to become negative [1].

6. Future Outlook for the New field of Hydrology

6.1. The above noted unique results in different laboratories should **attract** top physicists, chemists and biologists to undertake further studies of the proposed model of a novel life-form.

6.2. This revolutionary concept of **life**, in an inorganic material, though in a very lowly developed form, would

change the whole world-view in general and our attitude towards water, in particular, as predicted by Pollack. Gerald.

6.3. Scientists will now be well **equipped** to understand and **investigate** precisely the positive effects of consuming **non-living water** on metabolism, body structure, mind and productivity of plants, trees and shrubs.

6.4. It provides scope for Implantation of foreign molecules in the quantum vacancy of molecular cluster-structures of water. It offers great commercial potential to harness these findings on Agriculture (Irrigation, Plant growth), Cooling technology (Water treatment Plants) etc.

7. Conclusion

i). It is revealed that the interaction of dissolved **air** with the bee-hive structure of water clusters imparts it **4 amazing** properties. It not only gets the capability to store energy and get memory attribute, but also develops the revival property.

ii) The earlier detected 3 astounding criteria of **Water-bodied Living-beings**, can be very well supplemented by the novel scientific **mechanism at work** for the revival phenomenon of the dead bodies. The theory of Living Water without DNA and RNA, thus gets the final conclusive proof in its support.

iii) The process of **transformation** from livingness to non-livingness and vice-versa can be properly understood and explained by this theory. The transition lines are well defined and can also be explained scientifically, with respect to the variables like temperature, solute amount etc.

iv). The property of Shelf-life of non-livingness is **unique** to this type of life-form and its mechanism can be explained scientifically by the phenomenon of revival.

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Glossary:

Soul: An entity, which has consciousness

Yoni Structure: An structure, where a Soul van take birth.

Oz Ahaar: The first diet, taken by a Soul in the Yoni, for developing its body and other capabilities.