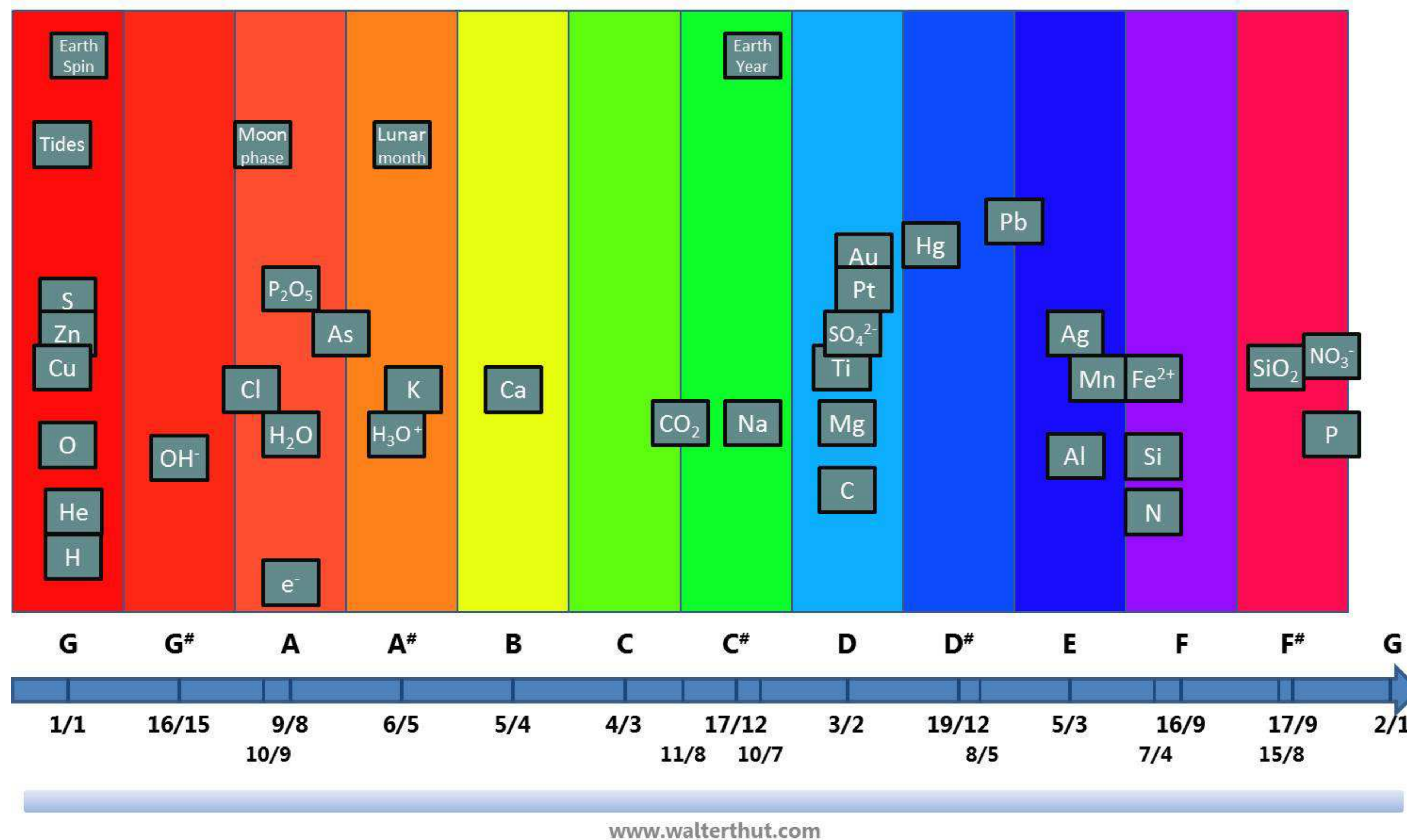


# Nature is structured like music

The resonance frequencies of important elements in nature form a logarithmic scale

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**Harmonics – Elements Table,** © Walter K. Thut, basic development until 2003, refined August 2013



## 1. EXPLANATIONS ON TABLE

The most obvious conclusion the table gives, is the accumulation of important elements in the basic note G, and in its quint, the D. In the G we find hydrogen, oxygen, copper, or sulfur, amongst others. Very important on the macroscopic level is the position of the frequency which influences the life of all living beings more than any other rhythm (frequency), the day cycle, the 24 hours, or how it's named here, the earth spin.

It is visible that hazardous elements are usually not placed in points with harmonic ratios, like phosphor, an important nutritive element, but dangerous in its pure form, so it is at disposal as Phosphate (P2O5), and in this form it fits in perfectly into the harmonic structure.

Other examples of hazardous elements are mercury (Hg), Arsenic (As) or lead (Pb), all not placed in harmonic ratio points. Examples of elements, which need to degrade into other forms, and usually have the tendency to do so, are CO2 and NO3-. The table is not filled with too many of these hazardous elements, to be able to show the wonderful harmonic structure of the elements which are important for live and living beings.

## 2. PRINCIPLE AND CONCEPT

The HARMONICS - ELEMENTS TABLE is based on two combined mathematical approaches:

**A) On the one hand a quantum physics formula, based on De Broglie.** It calculates the resonance frequencies of the chemical elements, the basic rule is, the higher the atomic weight, the higher the frequency. The H-Atom has a weight of 1.0080, the O-atom one of 15.9994, so the oxygen-atom is 16 times heavier than the hydrogen atom (precision >99%). So the O has a resonance frequency 16 octaves above the H, but musically speaking it is the same note, the human ear will not "hear" this precision difference of less than 1 %.

The de Broglie Formula, adapted by Charlene Boehm and Joel Sternheimer, is used to transform the atomic weight into the correct resonance frequencies in Hz. I did the same for some of the most important molecules in nature, as H2O or CO2.

**B) The second part of creating the table is based music theories and mathematics.** The results are placed in a musical scale, which all are logarithmic scales. Before that, the resonance frequencies were octaved (transposed), to have all elements in the same octave.

## 3. RULES FOR THE HARMONICS – ELEMENTS TABLE

Following rules are part of the Harmonics – Elements Table

1. The table represents the natural harmonic vibrational structure of biologic life. This structure is formed by the sum of resonance frequencies of important chemical elements, ions and molecules. It corresponds to a high degree with the harmonic structure of the macro-cosmos.
2. When elements are on the same note, they have a high affinity. See example on chapter 6. A).
3. When elements have a harmonic relation, they have the tendency to form stable structures.
4. When elements are beside this harmonic structure, they are mostly poisonous or in general negative for biologic life, and have a tendency to degrade.

## 4. CONSEQUENCES AND CONCLUSIONS

To make the right conclusions, one needs to be aware of the fact, that **biologic processes, like cell build up or crystallization, are strongly influenced by the electromagnetic ambience.** All elements and particles are charged, surfaces are charged, so how thing connect to each other is much more dependent on electric charges than on physical forms of things and particles.

The model of how things happen on a molecular or atomic level, needs to be extended, frequencies and their mathematical relations are a key. If two elements vibrate in a harmonic ratio (a ratio of integers), they will remain in a balance and show affinity. If this is not the case, they will tend to separate.

Logically, **the electromagnetic ambience influences PROBABILITIES, if certain processes will happen.**

Knowing, that we are facing a exponentially increasing electromagnetic pollution of the atmosphere (radio, cell phones, military signals, wireless transmission etc), where these emissions are not at all taking into account the harmonic structure of the natural electromagnetic radiation, we obviously are facing a strong influence of all these biologic processes. And no one knows, what the risks of this influence is, emitting these radiations is sort of a sorcerer's apprentice behavior.

On the other hand, being consistant of these influences, and starting to consciously choose what frequencies shall be sent into the atmosphere, can reverse the negative trend. My personal hypothesis is, that many things are influenced by these randomly chosen frequencies:

- the capacity of the soil to adsorb and stock water and its nutrient elements
- the crystallization of salts in soil
- the capacitive differences of various surfaces, for example of water and air, also on a drip level
- the formation of clouds and their volume before precipitation can happen
- the rainfall frequencies
- the weather in general
- increase of damages through water and precipitation not being adsorbed by the soil
- the capability of living beings to proliferate, specifically mammals and human beings
- the probability of having cancer
- the probability to dehydrate
- the communication system of living beings, living in the air, in the water, possibly bees, whales, dolphins and others

## 5. REALIZED APPLICATIONS

Since about 9 years the research of many universities, engineering schools and official agricultural research centers worldwide together with Planet Horizons Technologies (the company I founded in 2004 and led it until beginning of 2013) in the field of water treatment, confirmed and analyzed the effects that can be obtained with the approach using the Harmonics – Elements Table.

Most interesting for me are the possibilities to increase the water retention capacity of sandy soil in desert (arid) areas, allowing to cultivate these areas even though they usually not only have a bad soil, but also have very poor water quality. This technology can make an important difference in food security for the world.