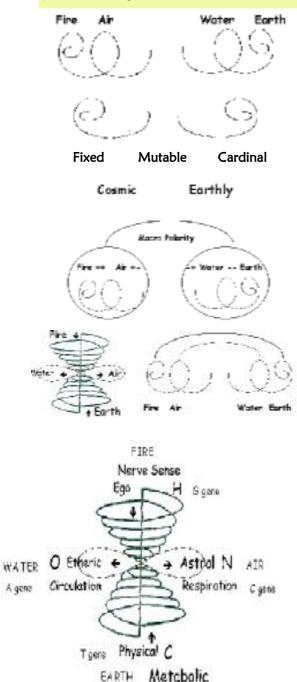
## From lecture 2 to lecture 3

In lecture 2 we are presented - on the surface at least - with a two fold picture of the Cosmic and Earthly poles in relationship to the Human Nerve Sense and Metabolic poles. The context of most of this tale is in regards to the external reality. We are told of how the elements and ethers work inside and outside the earth, and how the two main streams of activity Calcium and Silica work in nature generally. It is when we are told of how they work inside the plant that we see the beginnings of the fourfold processes coming about.



In 'Gyroscopic Astrology' chapters 2 to 8, I outlined how as we move up the Biodynamic Vortex, we move through an increasing complexity of the basic forms. So in lecture 1 & 2 we can say that we are working with the twofold level, where two poles, Earthly and Cosmic, work towards each other. We move to level three, when in the description of the plant realm we have the two poles, one above and one below the surface of the soil, with the middle rhythmic zone of the leaf. We glimpse the four fold level in the discussion of the living and dead elements, however it is good to note RS always talks of the sibling elements together. Fire and Air, or Life and Chemical.

In chapter 6 of Gyroscopic Astrology, I identified that once we move to the fourfold level - of etheric activity - we can identify two sets of polarities. I called them a macro and micro polarity. This polarity division then continues into the following layers. (http://rimu.orcon.net.nz/garuda/books/UnivTheor4fold.html

The macro polarity is the extension of the twofold Cosmic and Earthly poles however divided in their male and female sibling groups, while the micro polarity is when the parts of each pole form a polarity with its opposite in the other group. So that Fire and Earth form a creative tension and the Air and Water form a creative tension.

I went on to identify that the macro polarity relationships are the ones we find in external nature, ie the living or dead elements and later the inner and outer planets, while the micro polarity relationships are those we find in manifest life. External and Internal manifestations. "Gyroscopic Astrology" chapter 16 – 19 explores this subject further. (http://rimu.orcon.net.nz/garuda/books/ BDD4fold.html)

Lecture three and four takes us further into these micro polarities of the fourfold layer of the Biodynamic Vortex. In Gyroscopic Astrology, I used the basic premise, that becuase the gyroscopic form is the basis of large scale creation, then we should be able to use the elements of this form to arrange our understanding of creation. One of the other basics of manifest form that it is maintaned through polarity relationships . Opposites attract. We see this in a very fundamental way in chemistry. Cations and Anions bond to create stable substances. So too with the micro polarities of the elements and so on. It is in the creative tensions of Fire and Earth and Water and Air that we have to work with in manifest life. Lecture 3 outlines these relationships with regard to chemistry, while the rest of the course, once we have identified them, reveals these activities in, plant and animal processes.

In the medical lectures, RS provides a more developed image of how the internal fourfold processes work. Using the gyroscopic model, we can see the first stage, of the interactions between Cosmic / Spirit and Earthly / Physical, on the vertical plane. Due to movement, over time, a particle or even a drop of water, begins to spin and thus develops two poles of charge. This spinning causes a suck towards its centre. The middle zone, rhythmic, begins to coalese, until it eventually divides into two. This plane forms on the horizontal axis of the primary vertical axis. Hence we have a sustainable gyroscope and the stage

where life can be sustained. From the Biodynamic Vortexes perspective, the movement of matter, reaches a stage where an etheric body has been incorporated and the pulse of life maintains itself from there. This is the state we find plant life to have evolved too.

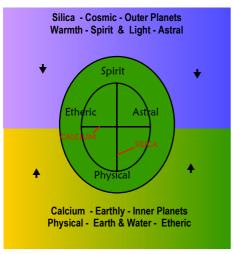
This brings us to the image of having a vertical and horizontal axis. We know from the second lecture, the vertical axis is sustained by the silica stream, while the calcium stream lays down the horizontal.

The major change in orientation of the follow lectures, is that we are moving from the external reality, to the internal. It helps if we are aware of the change of rules, when they occur.

## Spiritual bodies

The other major development in lecture 3, is that we are introduced to the spiritual bodies connection with the physical domain, through the chemical elements of protein. I believe this to be one of the greatest gifts RS has given us, as it is a vital key to practical spirituality and the basis for a spiritual chemistry.

Gyroscopic Astrology chapters 9 of 14, give an overview of the spiritual bodies and how they manifest in nature. Wilhelm Pelikens "Healing Plants" has a wonderful introduction to how the 3 fold physical structure and 4 fold spiritual bodies relate to one another. (http://rimu.orcon.net.nz/garuda/books/Synopsis.html)



Internal and External Relationships So we are challenged to imagine a lifeform existing as a gyroscope, of spiritual body activity, within an external environment of the Cosmic forces coming, inwards, from the Galaxy and Solar System with the Earthly activities coming upwards from the Earth and watery realms.

In 'Agriculture' these two sets of relationships need to be keep in mind.