

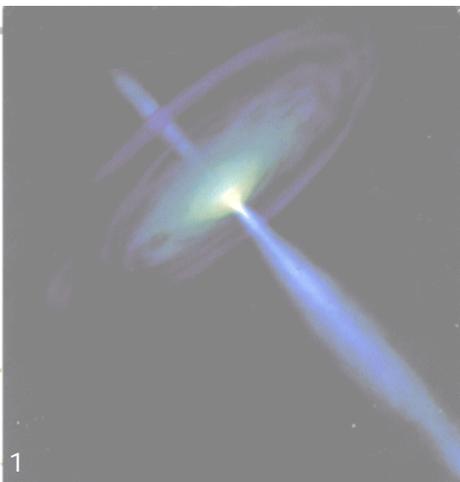
The study of Dr Steiner's Agriculture begins with his opening statements in the Agriculture Course. After some introductory thank you's, his first significant comment was -

**“For this reason we shall never acquire any real understanding of plant-life unless we realise that everything on earth is only a reflection of what takes place in the cosmos.”**

**Chapter One  
ASTRONOMICAL PICTURES**

**Establishing Archetypal Patterns**

THE basic assertion of the Biodynamic world view, is that there is an archetypal order, present in the external cosmos upon which all of life arranges itself. Once this order is identified and understood 'life' on Earth can be approached in a more harmonious and realistic manner. This order, being archetypal, will be seen at all stages of existence. To find the archetypal forms of life we must begin our study, with the largest organisational forms of our existence - the stars and galaxies within which we live. The following pictures are from the Hubble telescope operated by NASA. They provide us with Astronomical pictures existences' formation.

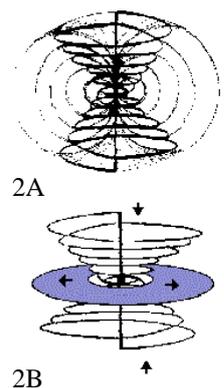


This blue picture is of a star in the constellation of Virgo (pic 1). The defining feature of this star is that we can see a clear vertical axis and a horizontal disk. It is a young star, and still in a predominately gaseous form.

One important thing to appreciate about astronomy is that everything we look at, in 'still' pictures, is moving at incredibly fast speeds. Our Sun spins at approx 64,000 mph. Thus the 'forces of movement' occurring over long periods of time, become primary considerations. This form we see here, has to be observed, as manifesting from the dynamics of movement.

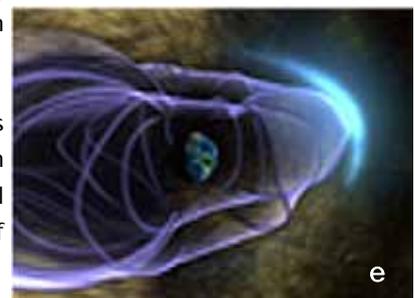
Once something moves it very soon begins to spin, and once it begins to spin it creates an electro magnetic charge, where positive

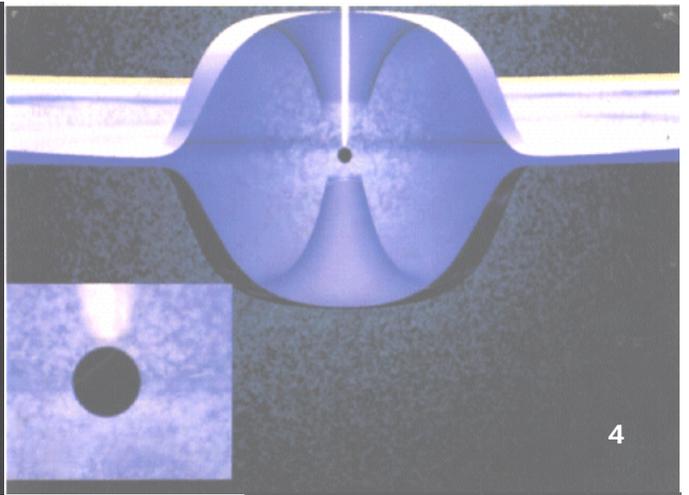
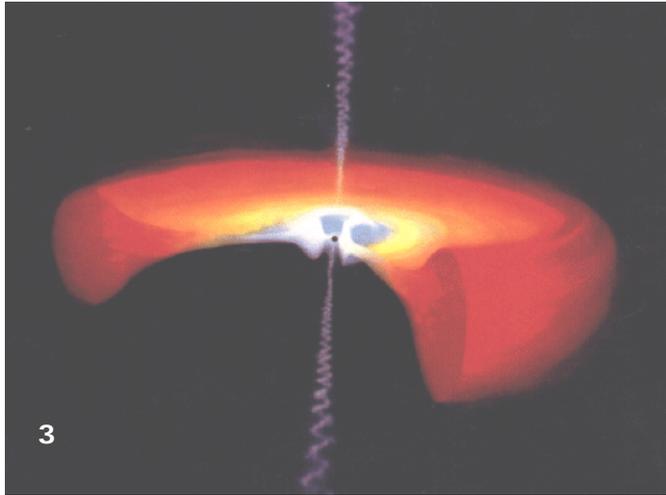
and negative poles begin to organise all matter, within the subsequent electro magnetic field. (pic 2) When any substance spins, it develops two vertical vortices, which begin to suck substance into a central mass. In the case of stars this substance is hydrogen. Once the hydrogen reaches a certain point of density and pressure it ignites and begins to explode forces and matter outwards. The matter vibrates to the gyroscopes' horizontal plane (pic 2b). There are also a streams of gases and force blown back out along the centre of the vertical axis. Substance is being drawn in around the outside of the vertical vortex and forces are being ejected out the very centre of the same vortex. Sometimes this axis is visible in stars and others it is not.



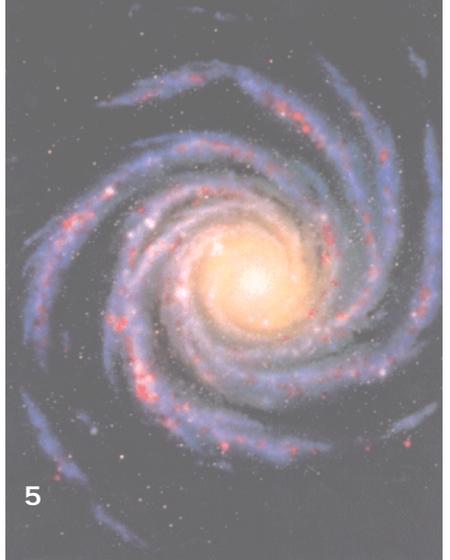
Thus, in pic 1, we see the vertical column as gases blow out, as well as the 'matter' being squirted out along the horizontal plane. What we are not seeing here is the electro-magnetic fields, which are very actively involved in what we are seeing. (Pic 2a). (e) is a pic of the Earth inside its EM field

So here we have our first archetypal feature, of galaxies, stars, planets and therefore all other manifest things - The development of an organising electro-magnetic field, that produces vertical and horizontal axis'. With the 'apple' shaped EM field, also comes internal spheres of activity, somewhat like the inside order of an onion.





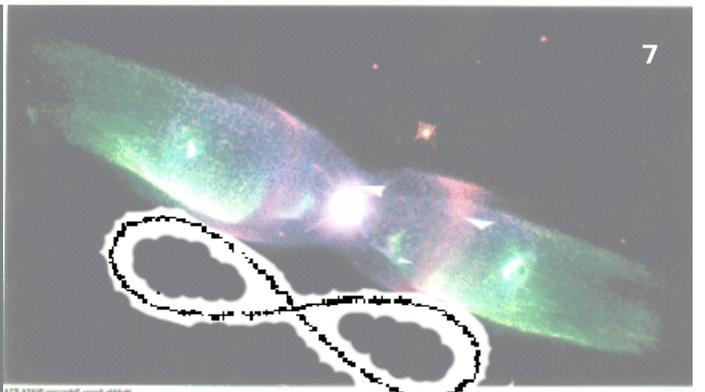
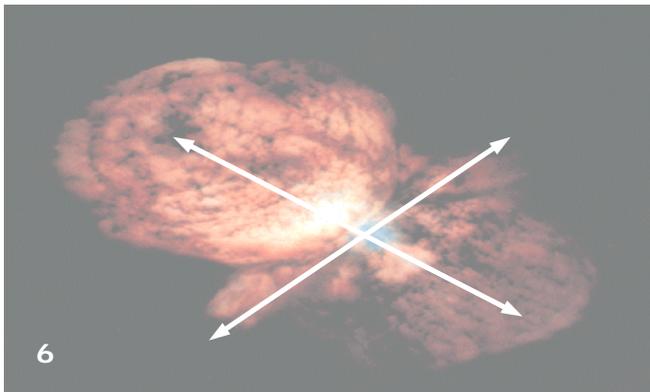
As the star cools, from pic 1, it enters into the next phase of manifestation - the vertical axis becomes less visible, while the horizontal axis becomes more defined. Pic 3 is of a cooler star than the one above, and has a cut away section so we can see the details of this stage. The features to note are the double vortex in the middle (pic 4), the small width of the first two thirds of the horizontal plane, and the bulbous quality of the outer section of the horizontal plane. Pic 4 is the centre of the previous picture. Here we see clearly the vertical double vortex at the centre of all gyroscopic forms. The black dot in the centre is the supposed black hole at the centre of all gyroscopic stars and galaxies. For planets we often find a nickel core there.



In the next stage of development (5) the vertical axis becomes invisible, while the horizontal plane differentiates according to the nature of the electro-magnetic fields of that gyroscope. In the case of galaxies, spiral arms develop; in the case of stars, planetary systems are formed. The mathematical harmony of these definitions is The Golden Mean ratio, which within our Solar System is described by Bodes Law, outlined in Chapter 2.

A further phenomena, can be clearly seen in the later stages of star life. Once a star has lived through its expansive phase, it 'goes super nova'. This means it collapses upon itself and then explodes all its matter out into space, however this matter is 'caught' within the field, present on the horizontal plane.

When looking at both the pictures below, the expansion of the debris within the horizontal plane, appears to reach a stage where a certain boundary - the edge of its electro-magnetic field - before it turns back in on itself; thus indicating an internal pulse based upon the form of a lemniscate, or "figure-eight".



## **Summary**

The forms we can see in these pictures are:

- 1) Vertical and Horizontal axis, organised by a Apple shaped EM field, with the insides of an onion.
- 2) Double vortex & single vortex forms.
- 3) Matter and energy moves down the vertical axis to the centre and back out along the horizontal axis.
- 4) Matter organises along the horizontal axis according to the electro-magnetic fields of the gyroscope.
- 5) A lemniscate pulse establishes on the horizontal plane.

As these forms, are the basis of the immense gyroscopic beings in which we live, they will also be the basic organisational patterns of the life forms, which live within them. In Agriculture, Rudolf Steiner has given us with the detailed basis of this script. But only if we can see it.