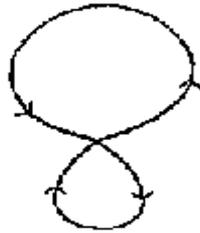


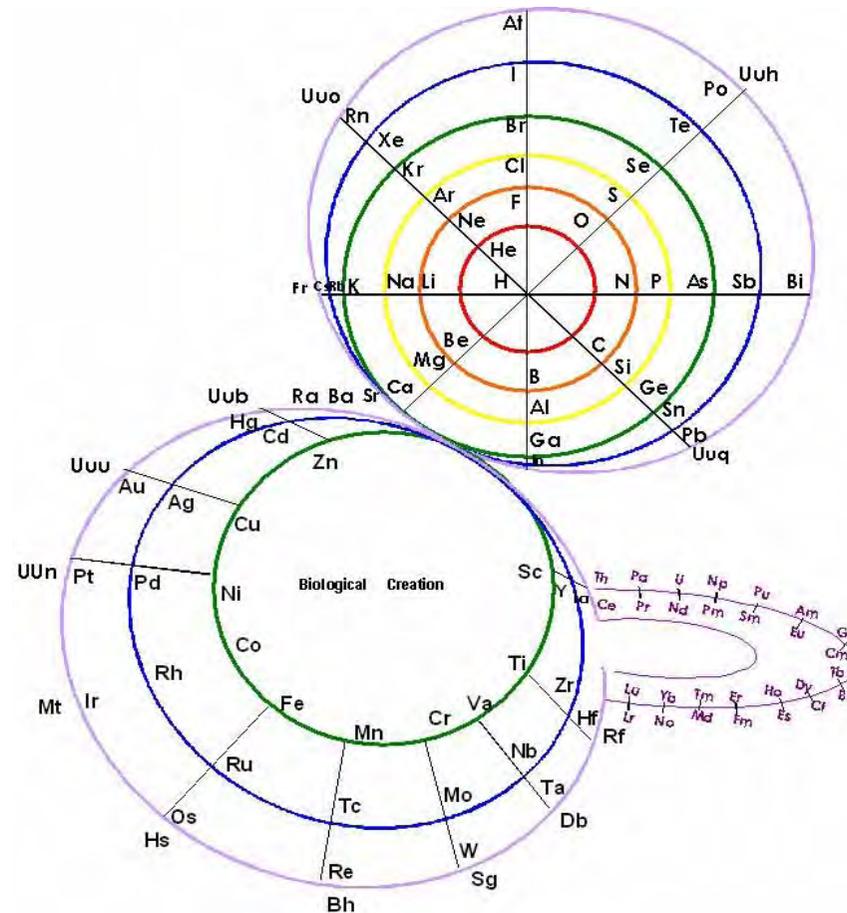
The Transition Elements

The 5th Harmonic— Life's toolbox



The transition elements pose an interesting question when placed on the gyroscope. Given the 8 primary arms are 'dominant', and are used to form the axis of the gyroscope, it means the transition elements fall as a group in the left hand bottom quadrant. This places them over the edge of the Internal Etheric and World Physical spheres. See (pg 63)

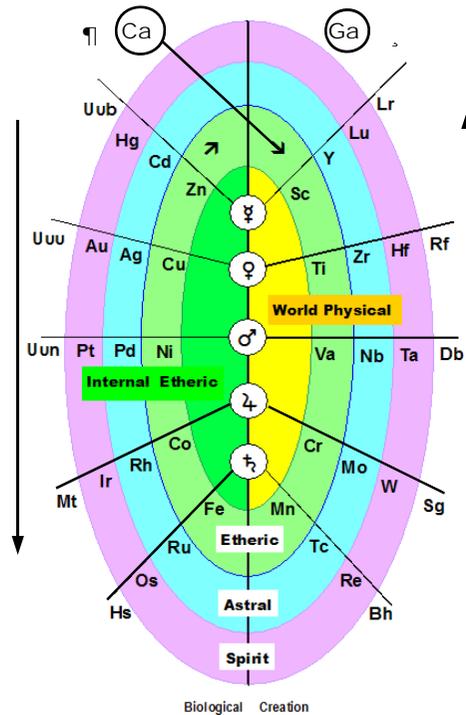
When one looks at the activity of the transition elements, they are involved in acting as catalysts, for life processes in biochemistry. It is therefore no mistake for them to be placed



where the 'life' processes interact with the 'dead' world physical processes. On top of this, their activation of the life sphere corresponds with them coming into manifestation, at the Etheric / Life ring of the process.

These are the elements that facilitate the activity of life.

We saw earlier (pg 58) how life processes manifest through the movement of a lemniscate. It would therefore be reasonable to suggest our understanding of these 'elements of life' could be expanded upon by the lemniscate. This would provide a primary 'circle' of the major elements and a secondary circle of the transition elements, by pulling them out and twisting them into a lemniscate.



This action achieves a couple of things. Firstly, it allows these elements to be placed upon a circle, which then brings them into the same context as the gyroscopic references. Secondly, due to the 'flip' that occurs in the lemniscating process, the elements become reversed within the references to the Internal Etheric and World Physical.

In this picture the flow of elements begins with Calcium (20) and moves to Sc (21) and around the circle till Zn (30) and on to Gallium (31).

This reverses the relationship of the trace elements to the 'major' gyroscope. The elements from 21 to 25 were previously on the Internalised Etheric side.

They are now placed on the World Physical side of the diagram.

In keeping with RS indication for interpreting the practical use of these lemniscate flips, ala Twelve Sense — the elements can then be read from Calcium to Zinc, Copper and around to Scandium before moving onto Gallium and onwards.

This suggests that due to their placement with the Internal Etheric activities

we would expect the elements Zinc, Copper, Nickel, Cobalt and Iron, will be more active in the support of life processes, than those from Manganese, Chromium through to Scandium. The later elements would be expected to be more related to building structure and fixing forms. Hauschka identifies Mn, Cr and Va as elements that enhance sclerotic and hardening processes.

This ordering also puts these elements in the order that we find both melting point and hardness increasing, thus resolving one of the 'odd' phenomena found in the traditional periodic table. (See Hauschka)

Ten Elements - Fifth harmonic

There are four bands/rings of transition elements, which provides a relationship to the overall energetic bodies via the RING they are placed in. In each of these ring sets there are ten elements.

The MAJOR gyroscope naturally falls upon the 8 arms. This places the MAJOR elements in the second harmonic of the circle, with its multiples of 2,4,8 being present in their relationships. The basic degree division of the circle being 45 degrees. The trace elements on the other hand, being ten in division, suggests they are resonating to the fifth harmonic of the circle. The basic degree division being 36 & 72 degrees. The form arising from this five / ten fold division of a circle is the pentagram.

A range of five fold relationships can therefore be investigated to help identify their nature.

"Amongst the Hebrews, the five point symbol was ascribed to Truth and to the five books of the Pentateuch. The ancient Greeks, called it the Pent alpha. Pythagoreans considered it an emblem of perfection or the symbol of the human being.



The pentagram is associated with the golden ratio (which it includes). The dodecahedron, the fifth Platonic solid, has twelve pentagonal faces, and was considered by Plato to be a symbol of the heavens." (1)

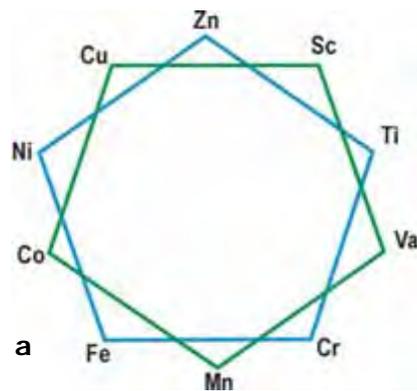
This number can be expected to be an important indicator of life processes, easily seen in the five

fold nature of the human body. Pythagoras, the father of mathematics, identified the relationship of the pentagram to the activities of life, through its exact expression of the 'Golden Mean' ratio. - **1 : 1.618** - It is well recorded that the 'Golden Mean' manifests in the relationships found in life forms and can be said to be the algorithm upon which our holographic creation manifests. This is seen in such things as the ratio of the length of the bones in the hand to each other, the ratio of the face and our view of beauty, the proportions found in plant growth, the share market movement and so on.

The Fivefold Venus Path

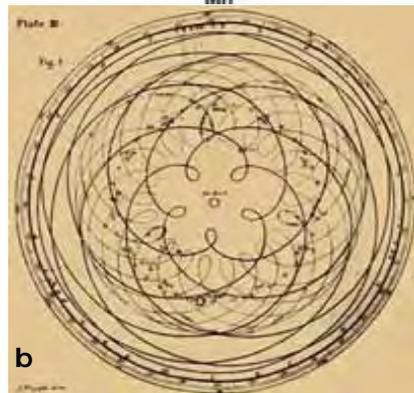
This pentagram picture, shows a tenfold division is represented as two pentagrams, one inside the other, which provides an image of the ten fold division we find in the trace elements. This is one indication that the ten elements could be split into two groups; Pentagram A and Pentagram B. (a)

This division is given relevance by referenced the Venus related pentagrams formed by the Superior and Inferior conjunctions of Venus and the Sun. (b)



Over an eight year period the path of these conjunctions forms two pentagrams in the sky. The diagram shows the Venus path. The obvious pentagram in the middle is the Inferior conjunctions while the Superior conjunctions occur when Venus is at the extremity of its cycle, so that pentagram is drawn on the outer circle.

This provides an image of two separate pentagrams. In 'the' literature these pentagrams are often described as one pentagram with a single point to above, and the other with two points above. Pythagoras and others identified the five fold process as being made up of the four elements of Earth Air Water and Fire with Spirit being the single point above. This represents the four elements dominated or organised by spirit. Some occult groups have given this symbol to people who had achieved a high degree of initiation. The

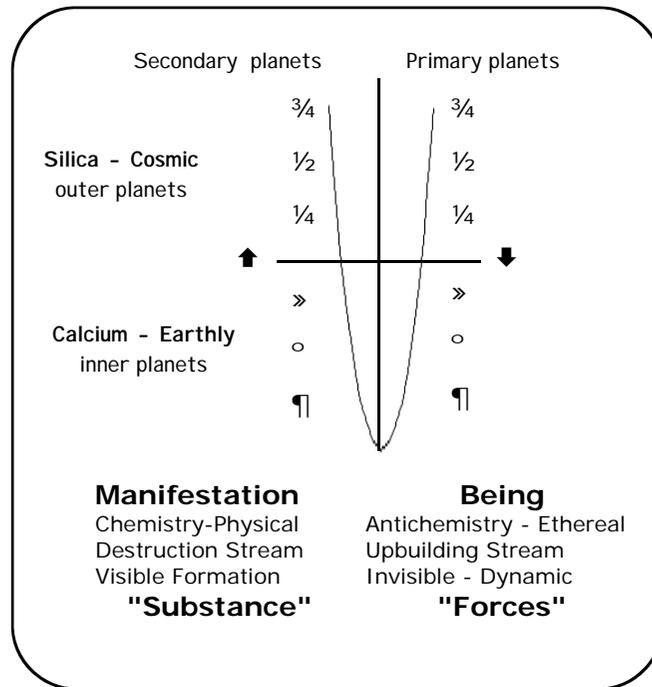


pentagram with the two points at the top is understood to represent matter dominating spirit, and was given to the lower level of initiates, who were still at the stage of their astrality dominating their spirit.

The Planets

Whenever a five fold series is identified it is possible to relate them to the five planets from Mercury to Saturn. In this regard the Sun and the Moon are treated as 'parents', while the other planets are their 'children'. The Moon could be allotted to Calcium and Gallium to the Sun, in this instance while the other planets are assigned to two elements each (see page 70). This places the Moon with Calcium and a ruler of the Internal Etheric processes, while the Sun is placed with Gallium and rules the World Physical process of manifestation

With this planetary reference comes the possibility of finding a relationship to the plant. This form of double activity of the planets, shown below can be found in relation to plant growth in my chapters on 'Biodynamic Plant Growth', and was put forward in Biodynamic literature by Goethe and developed further by Dr Lievegoed.



The primary process is seen as a developmental (Being) phase, which culminates in germination, followed by a secondary manifestation phase, where the form of the plant we are familiar with grows and finally reaches seeding.

With the transition elements, this 'being' phase, is shown in the activities of the elements of the Internalised Etheric, while the 'manifest' phase is shown in the World Physical side of

the group. (see pg 70)

We can use the planets to deepen our understanding of the quality of the element and then possibly to the plant processes it might effect.

This suggests that Zinc will be a primary Mercury activity, while Scandium will carry a quality of the secondary Mercury activity. In plants Mercury has to do with sap flow and expansive, running growth, Venus flowering, Mars, fertilisation and protein formation, Jupiter oil formation, while Saturn has to do with seed formation.

Reflecting back to the 2 pentagrams, this reference for the transition elements, is the image of a spiritual or coming into 'Being' pentagram group, and a more Earthly or 'Manifest' pentagram. Which is which, I expect, will arise out of a closer inspection of the elements, however a suggestion can be made.

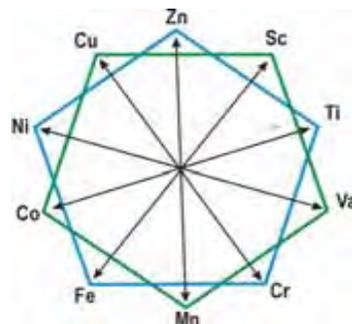
The inferior conjunctions are those where Venus is between the Sun and the Earth, while the Superior conjunctions have Venus on the opposite side of the Sun to the Earth. So one has Venus' activity strong and close, while the other has Venus away, even blocked by the Sun.

With Venus being a feminine planet, you would be expected to find less feminine and more masculine qualities associated with the Superior conjunction set.

The Iron pentagram is the coming to being side, and its group would be expected to be associated with the inferior conjunctions, and the blue pentagram - lets call them the feminine Pentagram A, while the Manganese set would become associated with the superior 'male' conjunctions - Pentagram B.

Polarities

Another relationship that would naturally be suggested for investigation from the fivefold division is the polarity or opposite relationships between the elements.



- Zinc - Manganese**
- Copper - Chromium**
- Nickel - Vanadium**
- Cobalt - Terillium**
- Iron - Scandium**

Transition Elements and the Gyroscope

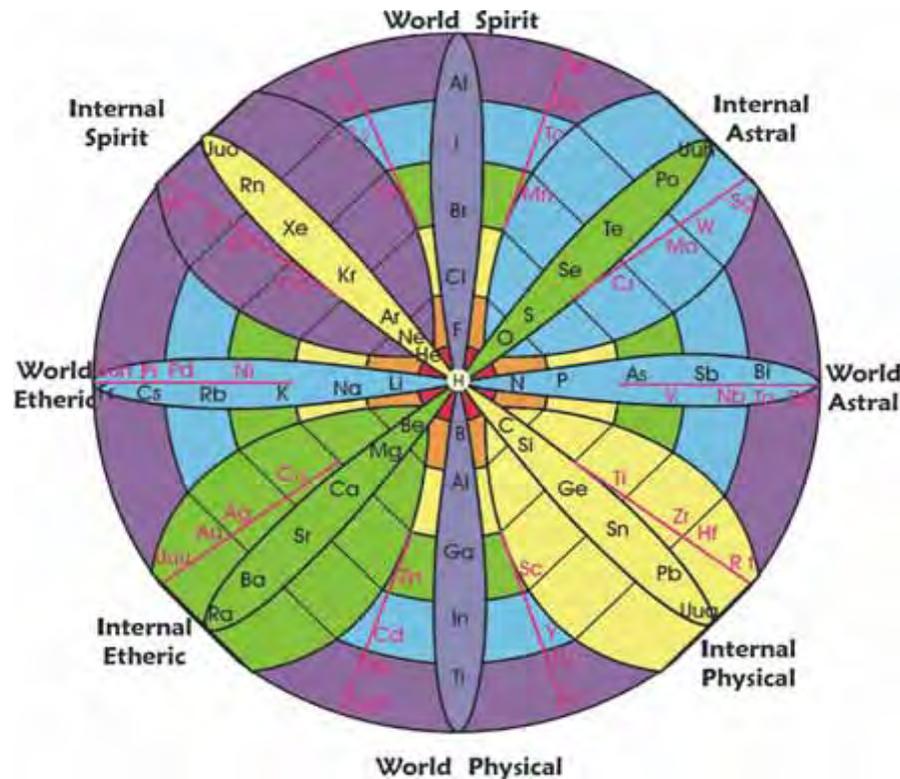
The life enfolding process comes in three stages. The first stage is a pushing out, the second stage is the flip to form the lemniscate, while the third stage is a (en) folding back upon itself.



I have expressed this previously with this diagram. It is therefore reasonable to consider that the transition elements lemniscate, already discussed, can be folded back over the 8 fold gyroscope, thus providing a further cross reference. This provides a reference of the

transition elements to the energetic body activities. So while there is a 'primary' association of these elements as either Internal Etheric or World Physical dominated elements, there is now a Secondary energetic body activity, indicating how these elements work upon the other bodies as well.

One more observation to make from this diagram is that the transition



elements are now placed close to major elements, which we can assume is of the same spiritual body activity. An initial stand out is; Cu sitting next to Calcium; with Silver and Gold, now also being identified as elements which will stimulate the activity of the internalised Etheric body. This activity of these elements are all well known and commonly used. This diagram is a rich source of questions and possible answers to investigate.

The Transition Elements Suggestions

From these series of 'archetypal acts', a series of cross references have been identified, that provides the possible physical and spiritual activities of the transition elements.

The questions to ask are

- A) Which Arm - the Internalised Etheric or World Physical?
- B) Is it a Primary or Secondary planetary element?
- C) Which 'spiritual' ring is it on?
- D) Which Venus pentagram and position?
- E) Which 'Steiner' Arm is it associated with?
- F) What is its 'major' element pair?

My suggestions are below. What are yours?

The Etheric Ring

ZINC

Zn

Chemical Data: Atomic No - 30,
Atomic weight 65.409, solid at 298K

Steiner Arm: Spirit +

Gyro Arm: Internal Etheric / World
Physical

Planetary element: Mercury 1
Streaming movement, the lymphatic
system, sap flow.

Major element relative: Gallium
Etheric working into the World
Physical

Venus Pentagram: A
Physical force dominate Spirit -
manifesting

Ag. Course Name: Free Earth / Bound
Chemical Ether

In nature: An essential element of
nutrition, non toxic, High P blocks it,
involved in protein formation where
low, amino build up, leaf rosetteing
occurs, bark brittle

Homeopathy: Restlessness, a need to
keep moving and busy, repeating
things, nervous exhaustion, prostrate
problems.

Spiritual Activity: Facilitates the
Etheric body working into the Physical
processes to balance an over strong
astral activity,

COPPER

Cu

Chemical Data: Atomic No - 29,
Atomic Weight - 63.546, solid at 298K

Steiner Arm: Etheric +

Gyro Arm: Internalised Etheric

Planetary element: Venus 1

Opens Etheric formative forces and nourishes what Mars thrust into space

Major element relative: Calcium (strong)

Activates the internalised Etheric

Venus Pentagram: B

Spirit dominating the physical elements - Being

Ag. Course Name: Bound Chemical Ether

In Nature: Conducts electricity and heat, often strongly bound to organic matter, more than other elements, Cu availability reduces as pH and Ca increases, influences CHO and nitrogen metabolism, needed for good pollen viability, aids reproduction in animals, Zn limits Cu, affinity for S, not found near Silicates, most common as CuFeSO₄, related to vitamin B, shellfish and mollusks use copper to breath rather than iron, lobster etc is high in Cu—holds proteineous tissue inside and expels Ca to the shell, they are water breathers, found in high amounts in the liver, pigmented areas and tumourous tissue, active metabolism leads to higher Cu, serum Cu high in schizophrenia, manic depression and epilepsy, high Cu gives resistance to cholera,

Homeopathy: (when short) Maintaining control, serious, hard working, sticking to the rules, Do not like criticism, tendency to cramps, In the metabolism it is necessary for the

functioning of diverse proteins and oxidative enzymes. It is indispensable for the synthesis of haemoglobin, for the healthy functioning of nerves, and for the formation of bones. Moreover, it promotes the development of connective tissue for the heart's circulatory system.

Spiritual Activity: opening up the organism (etheric body) to the workings of the astral and spirit

NICKEL

Ni

Chemical Data: Atomic No - 28, Atomic Weight - 58,693, solid at 298K

Steiner Arm: Astral +

Gyro Arm: World Etheric

Planetary element: Mars 1

The force which carries the spiritual archetype into the physical. The growth point

Major element relative: Potassium (strong)

Venus Pentagram: A

Physical force dominate Spirit - manifesting

Ag. Course Name: Free Water

In Nature: too much Nickel makes you susceptibility to dermatitis and asthma should be increasing. In agriculture it is related to filling the grain, nixies are water spirits, magnetic, dissolves Carbon to make hard steel, Cu-esque but harder, Ni stored in liver & pancreas, high in Insulin and in grey hair, prepares for iron process, but can not replace Cu. Associated with Si, S and As but not

O or CO. Used to hydrogenate Vegetable oils.

Homeopathy: Work hard and be nice, do not show much emotion, maintain harmony, fear of exams as they have done their best,

Spiritual Activity: opens the World Etheric to the workings of the Astral and Spirit

COBALT **Co**

Chemical Data: Atomic No - 27, Atomic Weight - 58.933, solid at 298K

Steiner Arm: Physical +

Gyro Arm: Internalised Spirit

Planetary element: Jupiter 1

Moulds 'plastic rounded forms' around Saturn's archetypal structures.

Major element relative: Krypton (strong)

Venus Pentagram: B

Spirit dominating the physical elements - Being

Ag. Course Name: Bound warmth

In Nature: Vit B12 essential for ruminant N metabolism, low reproduction, found in igneous rock same distribution as Mg, shale's, Mn can block it, needed for symbiotic N₂ fixation and rhizobial growth. Tougher than Ni, Ni > Mg, Co > Fe, Ni > plants, Co > animals, friends of As, S, Si, bi valent. Co salts used to oxidise linseed into varnish, found in liver pancreas and thymus gland, lack > pernicious anemia, polycythemia is an overproduction of red blood corpuscles = **Ego does not control the bloods economy or the iron**

process in the blood, Co in thymus, which is a pre puberty gland, so Co paves the way for Fe in a 'Cu' phase. Used to intensify atom bombs and slow radioactive decomposition of uranium, involved in cyanogen processes.

Homeopathy: Adapted to neurasthenic spinal states. Sexual disturbances. Fatigue, agitation, and bone pains; worse in morning. Impotence, due to pressure, inadequacy and concern before beginning something.

Spiritual Activity: Facilitates the incarnation of the Spirit through the Astrality into the Etheric processes.

IRON **Fe**

Chemical Data: Atomic No - 26, Atomic Weight - 55.845, solid at 298K

Steiner Arm: Spirit —

Gyro Arm: World Spirit / Internalised Spirit

Planetary element: Saturn 1

The spiritual archetype upon which life builds

Major element relative: Bromide (weak)

Venus Pentagram: A

Physical force dominate Spirit - manifesting

Ag. Course Name: Free Fire / Bound Warmth

In Nature: Carries oxygen and ego forces in the blood, helps cosmic weightless elements enter the sphere of gravity, enables us to anchor our personalities in our bodily processes,

if low no 'presence of mind', close to Carbon, but has to balance S processes, Fe renders the cyanide processes harmless, has similarities to Pb in its ability to spontaneously combust when ground very fine. Carrier of the forces of embodiment > mummification, ability to absorb and retain formative forces, gives and takes oxygen easily, the breather metal, sensitive to light, negates poisoning processes of As and CN, bivalent form similar to Zn, Fe is light sensitive

Homeopathy: Best adapted to young weakly persons, anæmic and chlorotic, with pseudo-plethora, who flush easily; cold extremities; over sensitiveness; worse after any active effort. Weakness from mere speaking or walking though looking strong. Pallor of skin, mucous membranes, face, alternating with flushes. Orgasms of blood to face, chest, head, lungs, etc. Irregular distribution of blood. Pseudo-plethora. Muscles flabby and relaxed.

Spiritual Activity: carries the spirit into the controlling of the etheric activities behind physical processes

MANGANESE Mn

Chemical Data: Atomic No - 25, Atomic Weight - 54.938, solid at 298K

Steiner Arm: Spirit —

Gyro Arm: World Spirit / Internalised Astral

Planetary element: Saturn 2
Seed formation, fulfillment of karma in time

Major element relative: Bromide (weak)

Venus Pentagram: B

Spirit dominating the physical elements - Being

Ag. Course Name: Bound Light / Free Fire

In Nature: activated thru oxidation processes, likes low pH, likes C (ala Fe), fiery nature, causes alcohol and ether vapors to combust, used in glass manufacture, Saturnian nature, sclerotic tendency, used as a drying agent in varnish and paints, salamanders linked to ripening processes. Human diets with too little manganese can lead to slowed blood clotting, skin problems, changes in hair colour, lowered cholesterol levels, and other alterations in metabolism. In animals, eating too little manganese can interfere with normal growth, bone formation, and reproduction, high levels of manganese dust in air may have mental and emotional disturbances, and their body movements may become slow and clumsy. Manganese injures a part of the brain that helps control body movements, effects reproductive ability. Manganese is an antioxidant nutrient which is important in the blood breakdown of amino acids and the production of energy. Manganese is necessary for the metabolism of Vitamin B-1 & Vitamin E. This mineral activates various enzymes which are important for proper digestion and utilization of foods. Manganese is also

a catalyst in the breakdown of fats & cholesterol, helps nourish the nerves & brain, is necessary for normal skeletal development, and maintains sex hormone production. A deficiency of manganese may result in paralysis, convulsions, dizziness, ataxia, loss of hearing, digestive problems, and blindness & deafness in infants.

Homeopathy: Inflammation of bones or joints, with nightly digging pains Asthmatic persons who cannot lie on a feather pillow. Syphilitic and chlorotic patients with general anaemic and paralytic symptoms often are benefited by this drug. Gout. Chronic arthritis. For speakers and singers. Great accumulation of mucus. Growing pains and weak ankles. General soreness and aching; every part of the body feels sore when touched; early tuberculosis.

Spiritual Activity: directs the internal spirits working into physical processes.

CHROMIUM Cr

Chemical Data: Atomic No - 24, Atomic Weight - 51.996, solid at 298K

Steiner Arm: Etheric

Gyro Arm: Internalised Astral

Planetary element: Jupiter 2

Plant pharmacology, formation of oils, alkaloids & glycosides. Working of terrestrial light and warmth

Major element relative: Selenium (strong)

Venus Pentagram: A

Physical force dominate Spirit - manifesting

Ag. Course Name: Bound Light

In Nature: loves C, hardening a step towards sclerosis, Jupiter influences marked, similarities to tin, organises light and air, used as a mordant, sylphs, tanning and mummification very quick. Chromium is a mineral that works with insulin in the metabolism of sugar and stabilization of blood sugar levels. Chromium also cleans the arteries by reducing cholesterol & triglyceride levels; helps transport amino acids to where the body needs them; and helps control the appetite.

persons with low levels of chromium in their bodies aorta. Anxious pressure on whole chest. Fatty heart. Degenerative states, has brain softening. Atheroma of arteries of brain and liver.

Spiritual Activity: Engages astrality into etheric processes in body chemistry

VANADIUM Va

Chemical Data: Atomic No - 23, Atomic Weight - 50.941, solid at 298K

Steiner Arm: Astral —

Gyro Arm: World Astral

Planetary element: Mars 2

Ordering of substance into starch and protein. Termination of living growth

Major element relative: Arsenic (strong)

Venus Pentagram: B

Spirit dominating the physical elements - Being

Ag. Course Name: Free Light

In Nature: Makes very hard steels, can be found in the environment in algae, plants, invertebrates, fishes and many other species. In mussels and crabs vanadium strongly bio accumulates, which can lead to concentrations of about 10^5 to 10^6 times greater than the concentrations that are found in seawater. Vanadium causes the inhibition of certain enzymes with animals, which has several neurological effects. Next to the neurological effects vanadium can cause breathing disorders, paralyses and negative effects on the liver and kidneys.

Laboratory tests with test animals have shown, that vanadium can cause harm to the reproductive system of male animals, and that it accumulates in the female placenta. Vanadium can cause DNA alteration in some cases, but it cannot cause cancer with animals.

Homeopathy: Hesitating to put their talents into practice - weak Mars 2? oxygen carrier and a catalyser, hence its use in wasting diseases. Increases amount of haemoglobin, also combines its oxygen with toxins and destroys their virulence. Also increases and stimulates phagocytes. A remedy in degenerative conditions of the liver and arteries. Anorexia and

symptoms of gastro intestinal irritation; albumen, casts and blood in urine. Tremors; vertigo; hysteria and melancholia; neuro-retinitis and blindness. Anæmia, emaciation. Cough dry, irritating and paroxysmal, sometimes with hæmorrhages. Irritation of nose, eyes and throat. Tuberculosis, chronic rheumatism, diabetes. Acts as a tonic to digestive function and in early tuberculosis. Arterio-sclerosis, sensation as if heart was compressed, as if blood had no room in the which task to choose,

Spiritual Activity: etheric stimulation of physical processes

TITANIUM Ti

Chemical Data: Atomic No - 22, Atomic Weight - 47.867, solid at 298K

Steiner Arm: Physical

Gyro Arm: Internal Physical

Planetary element: Venus 2

Excretion of what falls out of the life processes, eg cellulose in the rings of the tree or the potassium salts in the bark. Separates the substance from ether forces.

Major element relative: Germanium

Venus Pentagonagram: A

Physical force dominate Spirit - manifesting

Ag. Course Name: Bound Life ether

In Nature: low toxicity, not cancerous, used to treat ovarian cancer. Used as a sunscreen, not of nutritive value it appears.

Homeopathy: fails to even start the job, Is found in the bones and muscles. Has been used in lupus and tuberculosis processes externally, also in skin disease, nasal catarrh, etc. Apples contain 0.11 per cent of Titan. Imperfect vision, the peculiarity being that half an object only could be seen at once. Giddiness with vertical hemiopia. Also, sexual weakness, with too early ejaculation of semen in coitus. Bright's disease. Eczema, lupus, rhinitis.

Spiritual Activity: Stimulate the Etherics against the Astral

SCANDIUM Sc

Chemical Data: Atomic No - 21, Atomic Weight - 44.955, solid at 298K

Steiner Arm: Spirit +

Gyro Arm: World Physical / Internalised Physical

Planetary element: Mercury 2
Organ formation due the confluence of movement, wood out of the cambium

Major element relative: Gallium (weak)

Venus Pentagram: B

Spirit dominating the physical elements - Being

Ag. Course Name: Free Earth / Bound Life

In Nature:: ScSo4 stimulates the germination of seeds, can be found in houses in equipment such as colour televisions, fluorescent lamps, energy-saving lamps and glasses.

With water animals scandium causes damage to cell membranes, which has several negative influences on reproduction and on the functions of the nervous system. Considered a Rare Earth, found in Uranium minerals and Fe & Mg rocks and thortveitite. Easily oxides, used in lighting, light but high melting temperature,

Homeopathy: looking and comparing, unsure of Opens Etheric formative forces and nourishes what Mars thrust into space

Spiritual Activity: etheric stimulation of physical processes.

The Astral Ring

CADMIUM Cd

Chemical Data: Atomic No - 48, Atomic Weight - 112.411, solid at 298K

Steiner Arm: Spirit +

Gyro Arm: World Physical / Internal Etheric

Planetary element: Mercury 1
Streaming movement, the lymphatic system, sap flow.

Major element relative: Indium
World Astrality into the W Physical

Venus Pentagram: A
Physical force dominate Spirit - manifesting

Ag. Course Name: Moon 1, Mercury 1, / Mercury 2, Venus 2

In Nature: found in combination with Zn, high ability to absorb neutrons, used in batteries & colouring agents, telephone cables,

Cannabis Sativa has high levels of Cd, found in liver, mushrooms, shellfish, mussels, cocoa powder and dried seaweed. Cadmium is first transported to the liver through the blood. There, it is bonded to proteins to form complexes that are transported to the kidneys. Cadmium accumulates in kidneys, (and placenta) where it damages filtering mechanisms. This causes the excretion of essential proteins and sugars from the body and further kidney damage. It takes a very long time before cadmium that has accumulated in kidneys is excreted from a human body. In cigarettes and P fertiliser. Skeletal collapse due to interference in Ca metabolism, prostrate cancer, disturbed enzyme function.

Homeopathy: Repetition of the past, have been successful and on the way out, they know best, arrogant, stubborn as they know best, but nothing new to give. Its pathogenesis gives symptoms corresponding to very low forms of disease, as in cholera, yellow fever, where, with exhaustion, vomiting, and extreme prostration, the disease runs deathward. Important gastric symptoms. Carcinoma ventriculi; persistent vomiting.

Spiritual Activity: Drives the astrality into physical processes (see P) easily disrupting the etheric

SILVER

Ag

Chemical Data: Atomic No - 47,

Atomic Weight - 107.868, solid at 298K

Steiner Arm: Etheric

Gyro Arm: Internalised Etheric

Planetary element: Venus 1

Major element relative: Strontium

Venus Pentagram: B

Spirit dominating the physical elements - Being

Ag. Course Name: Mercury 2, Venus 2

In Nature: Universal healer, high conductivity, mirrors, ceaseless repetition and wave like reproduction, tends to be colloidal, all growth and body building processes, reproduction

Homeopathy: Emaciation, a gradual drying up, desire for fresh air, dyspnoea, sensation of expansion and left-sided pains are characteristic. The chief action is centered on the articulations and their component elements, bones, cartilages, and ligament's. Here the small blood vessels become closed up or withered and carious affections result. Holding onto a successful position, and the past, traditions. (Moon)

Spiritual Activity: Stimulating etheric forces touched by the astrality enough to direct them into manifestation

PALLADIUM

Pa

Chemical Data: Atomic No- 46 , Atomic Weight - 106.42, solid at 298K

Steiner Arm: Astral

Gyro Arm: World Etheric

Planetary element: Mars 1

The force which carries the spiritual archetype into the physical. The growth point

Major element relative: Rb

Venus Pentagram: A

Physical force dominate Spirit - manifesting

Ag. Course Name: Mercury 1, Venus 1

In Nature: Like mercury, palladium is cytotoxic and kills or damages cells. Palladium also causes considerable damage and degradation of DNA and exacerbates hydroxyl radical damage Palladium also damages cell mitochondria and inhibits enzyme activity and function, highly mobile and toxic, used in dentistry, Disturbance of collage synthesis like bone and cartilage; Obstruction of thymidin in the DNA; Accumulation in body organs; blocks the action of a number of enzymes and interferes with use of energy by nerves and muscles; induces lung malfunction and produces abnormal fetuses,

Homeopathy: An ovarian remedy; produces the symptom-complex of chronic Oophoritis. Useful where the parenchyma of the gland is not totally destroyed. Acts also on mind and skin. Motor weakness, averse to exercise. Mind.--Weeping mood. Love of approval. Pride; easily offended. Inclined to use violent language. Keeps up brightly when in company, much exhausted

afterwards, and pains aggravated

Spiritual Activity: Astral stimulation of the organising Etheric processes

RHODIUM Rh

Chemical Data: Atomic No - 45, Atomic Weight - 102.90, solid at 298K

Steiner Arm: Physical

Gyro Arm: Internal Spirit

Planetary element: Jupiter 1

Moulds 'plastic rounded forms' around Saturn's archetypal structures.

Major element relative: Xenon

Venus Pentagram: B

Spirit dominating the physical elements - Being

Ag. Course Name: Jupiter 2 , Saturn 2

In Nature: Rhodium has a higher melting point and lower density than platinum. It has a high reflectance and is hard and durable. Upon heating it turns to the oxide when red and at higher temperatures turns back to the element. highly toxic and a carcinogenic, automobile exhaust, detoxification, Supplemental rhodium increased the hematocrits and liver oxidative ability of both nickel-deficient and -supplemented chicks, and increased total liver lipids, liver lipid phosphorus, and liver cholesterol in the nickel deficient chicks alone. Rhodium did not increase the signs of nickel deficiency.

In Homeopathy: Nervous and

tearful. Frontal headache; shocks through head. Fleeting neuralgic pains in head, over eyes, in ear, both sides of nose, teeth. Loose cold in head. Lips dry. Nausea especially from sweets. Dull headache. Stiff neck and rheumatic pain down left shoulder and arm. Itching in arms, palms and face. Loose stools with gripings in abdomen. Hyper-active peristalsis, tenesmus after stool. More urine passed. Cough scratchy, wheezy. Thick, yellow mucus from chest. Feels weak, dizzy and a tired feeling.

Spiritual Activity: Astral stimulation of the Ego and nerve sense pole

RUTHENIUM Ru

Chemical Data: Atomic No - 44, Atomic Weight - 101.07, solid at 298K

Steiner Arm: Spirit—

Gyro Arm: World Spirit / Internal Spirit

Planetary element: Saturn 1

The spiritual archetype upon which life builds

Major element relative: Iodine

Venus Pentagram: A

Physical force dominate Spirit - manifesting

Ag. Course Name: Jupiter 1 Saturn 1, Jupiter 2, Saturn 2

In Nature: Ruthenium is found as the free metal, sometimes associated with platinum, osmium and iridium, in North and South America, and in South Africa. There

are few ores is also associated with nickel and deposits, highly toxic and as carcinogenic, is retained strongly in bones, hard brittle durable and corrosion resistant, strong affinity for hydrogen, Ruthenium 103 used in nuclear bombs

Homeopathy: A heavy task, lots of work they must get done, resolute, inspired

Spiritual Activity: The inspiration for the long process of creation, astral inspired spirit

TECHNETIUM Tc

Chemical Data: Atomic No - 43, Atomic Weight - 98, solid at 298K

Steiner Arm: Spirit —

Gyro Arm: World Spirit / Internal Astral

Planetary element: Saturn 2

Seed formation, fulfillment of karma in time

Major element relative: Iodine , Manganese

Venus Pentagram: B

Spirit dominating the physical elements - Being

Ag. Course Name: Jupiter 1 , Saturn 1 / Jupiter 2 Mars 2

In Nature: Radioactive and not naturally occurring, which is unusual for such a light element.

Homeopathy: Practising creativity > channeling creativity

Spiritual Activity: World Astral into the World Spirit

MOLYBDENUM Mo

Chemical Data: Atomic No - 42,
Atomic Weight - 95.94, solid at
298K

Steiner Arm: Etheric

Gyro Arm: Internal Astral

Planetary element: Jupiter 2

Plant pharmacology, formation of
oils, alkaloids & glycosides. Working
of terrestrial light and warmth

Major element relative: Tellurium

Venus Pentagram: A

Physical force dominate Spirit -
manifesting

Ag. Course Name: Jupiter 2 , Mars
2

In Nature: discovered in a Pb ore,
metal is greasy and used as a
lubricant, high melting point,
resistant to acids, electrodes for
electrically heated glass furnaces
and fore heaths. The metal is also
used in nuclear energy applications
and for missile and aircraft parts.
Molybdenum is valuable as a catalyst
in the refining of petroleum. It has
found applications as a filament
material in electronic and electrical
applications. Molybdenum is an
essential trace element in plant
nutrition, yet highly toxic. evidence
of liver dysfunction with
hyperbilirubinemia has been
reported in workmen chronically
exposed in a Soviet Mo-Cu plant,
signs of gout have been found in
factory workers and among
inhabitants of Mo-rich areas of
Armenia, joint pains in the knees,
hands, feet, articular deformities,

erythema, and edema of the joint
areas. SO₄ limits Mo uptake , PO₄
enhances uptake, Mo important in
the enzymes nitrogenase and
nitrogen reductase, works with Fe @
9:1, when low can lead to N
deficiency, problem in Si soils, low
pH and even peat. Cucurbits &
legumes high Mo need, liming helps.
High Mo > Cu deficiency

Homeopathy: the beginning of
expressing ones own creativity. Got
the inspiration and need a little more
will.

Spiritual Activity: Astral stimulant

NIOBIUM Nb

Chemical Data: Atomic No - 41,
Atomic Weight - 92.906, solid at
298K

Steiner Arm: Astral

Gyro Arm: World Astral

Planetary element: Mars 2

Ordering of substance into starch
and protein. Termination of living
growth

Major element relative: Antimony
(strong)

Venus Pentagram: B

Spirit dominating the physical
elements - Being

Ag. Course Name: Mars 1 , Jupiter
1

In Nature: Occurs in a mineral
columbite. Formerly known as
colombium (Cb). used in stainless
steel alloys for nuclear reactors,
jets, missiles, cutting tools,
pipelines, super magnets and
welding rods. Niobium, when

inhaled, is retained mainly in the lungs, and secondarily in bones. It interferes with calcium as an activator of enzyme systems. In laboratory animals, inhalation of niobium nitride and/or pentoxide leads to scarring of the lungs at exposure levels of 40 mg/m³.

Homeopathy: Hesitation and doubt about showing creativity. Difficult to decide which chosen path to follow, lots of unfinished projects

Spiritual Activity: Astral stimulant

ZIRCONIUM Zr

Chemical Data: Atomic No - 40, Atomic Weight - 91.224, solid at 298K

Steiner Arm: Physical

Gyro Arm: Internal Physical

Planetary element: Venus 2

Excretion of what falls out of the life processes, eg cellulose in the rings of the tree or the potassium salts in the bark. Separates the substance from ether forces.

Major element relative: Tin

Venus Pentagram: A

Physical force dominate Spirit - manifesting

Ag. Course Name: Moon 2 Mercury 2

In Nature: used in alloys such as zircaloy, which is used in nuclear applications since it does not readily absorb neutrons, used in catalytic converters, percussion caps and furnace bricks, lab crucibles. have low systemic toxicity. Zirconium 95 is one of the radionuclides involved

in atmospheric testing of nuclear weapons. It is among the long-lived radionuclides producing increased cancers risk for decades and centuries to come.

Homeopathy: The first job, opening of ones own practice. Lots of ideas and want to show their value.

Spiritual Activity: Putting astral inspiration into practical applications. Astral stimulation of the physical body

YTTRIUM Y

Chemical Data: Atomic No - 39, Atomic Weight - 88.905, solid at 298K

Steiner Arm: Spirit +

Gyro Arm: World Physical / Internal Physical

Planetary element: Mercury 2

Organ formation due the confluence of movement, wood out of the cambium

Major element relative: Indium

Venus Pentagram: B

Spirit dominating the physical elements - Being

Ag. Course Name: Moon 1 Mercury 1 / Moon 2 Mercury 2

In Nature: colour televisions, fluorescent lamps, energy-saving lamps and glasses. rarely be found in nature, as it occurs in very small amounts. Yttrium is usually found only in two different kinds of ores. cause lung embolisms, cancer and accumulates in the liver. With water animals yttrium causes damage to cell membranes, which has several

negative influences on reproduction and on the functions of the nervous system.

Homeopathy: Exploring creative abilities, unsure and don't trust their own inspirations

Spiritual Activity: bringing astrality to the physical realm

The Spirit One Ring

MERCURY Hg

Chemical Data: Atomic No - 80, Atomic Weight - 200.59, liquid at 298K

Steiner Arm: Spirit +

Gyro Arm: Internal Etheric / World Physical

Planetary element: Mercury 1
Streaming movement, the lymphatic system, sap flow.

Major element relative: Ti

Venus Pentagram: A

Physical force dominate Spirit - manifesting

Ag. Course Name: Leo

In Nature: mostly found in Europe as HgSO₄, found with Ag, Cu, Sb, strongly linked to S, maintains its own 'liquid' form, where there are congestions Hg dissolves these and brings movement into stagnation. Highly toxic, moves freely through the body and is easily past from mother to child, HgCN is used for diphtheria,

Homeopathy: Takes hold of life processes and guiding it to a higher level, separating process that must be reformed into the organism. Slow

in answering questions. Memory weakened, and loss of will-power. Weary of life. Mistrustful. Thinks he is losing his reason.

Spiritual Activity: Spirit inspiring substance

GOLD Au

Chemical Data: Atomic No - 79, Atomic Weight - 196.966, solid at 298K

Steiner Arm: Etheric +

Gyro Arm: Internalised Etheric
Major element relative: Barium

Planetary element: Venus 1
Opens Etheric formative forces and nourishes what Mars thrust into space

Venus Pentagram: B
Spirit dominating the physical elements - Being

Ag. Course Name: Gemini

In Nature:

Homeopathy:

Spiritual Activity:

PLATINUM Pt

Chemical Data: Atomic No - 78, Atomic Weight - 195.078, solid at 298K

Steiner Arm: Astral +

Gyro Arm: World Etheric

Major element relative: Cesium

Planetary element: Mars 1
The force which carries the spiritual archetype into the physical. The growth point.

Venus Pentagram: A

Physical force dominate Spirit - manifesting

Ag. Course Name: Virgo

Spiritual Activity:

IRIDIUM Ir

Chemical Data: Atomic No - 77,
Atomic Weight - 192.21, solid at
298K

Steiner Arm: Physical +

Gyro Arm: Internalised Spirit

Major element relative: Radon

Planetary element: Jupiter 1

Moulds 'plastic rounded forms'
around Saturn's archetypal
structures.

Venus Pentagram: B

Spirit dominating the physical
elements - Being

Ag. Course Name: Pisces

In Nature:

Homeopathy:

Spiritual Activity:

Osmium Os

Chemical Data: Atomic No - 76 ,
Atomic Weight - 190.23, solid at
3306K

Steiner Arm: Spirit —

Gyro Arm: World Spirit / Internal
Spirit

Venus Pentagram: A

Physical force dominate Spirit -
manifesting

Major element relative: At

Planetary element: Saturn 1

The spiritual archetype upon which
life builds

Ag. Course Name: Sagittarius

In Nature:

Homeopathy:

Spiritual Activity:

Rhenium Re

Chemical Data: Atomic No - 75,
Atomic Weight - 186.20, solid at 3459K

Steiner Arm: Spirit —

Gyro Arm: World Spirit / Internal Astral

Venus Pentagram: A

Physical force dominate Spirit -
manifesting

Major element relative: At

Major element relative:

Planetary element: Saturn 2

Seed formation, fulfillment of karma in
time

Ag. Course Name: Pisces

In Nature:

Homeopathy:

Spiritual Activity:

Tungsten W

Chemical Data: Atomic No - 74,
Atomic Weight - 183.84, solid at 3695K

Steiner Arm: Etheric

Gyro Arm: Internal Astral

Venus Pentagram : B

Spirit dominating the physical
elements - Being

Major element relative: Polonium

Planetary element: Jupiter 2

Plant pharmacology, formation of oils,
alkaloids & glycosides. Working of
terrestrial light and warmth

Ag. Course Name: Scorpio

In Nature:

Homeopathy:

Spiritual Activity:

Tantalum Ta

Chemical Data: Atomic No - 73,
Atomic Weight - 180.94 , solid at
3290K

Steiner Arm: Astral —

Gyro Arm: World Astral

Venus Pentagram: A

Physical force dominate Spirit - manifesting

Major element relative: Bismuth

Planetary element: Mars 2

Ordering of substance into starch and protein. Termination of living growth

Ag. Course Name: Aries

In Nature:

Homeopathy:

Spiritual Activity:

Hafnium

Hf

Chemical Data: Atomic No - 72,
Atomic Weight - 178.49, solid at 2506K

Steiner Arm: Physical

Gyro Arm: Internal Physical

Venus Pentagram: B

Spirit dominating the physical elements - Being

Major element relative: Lead

Planetary element: Venus 2

Excretion of what falls out of the life processes, eg cellulose in the rings of the tree or the potassium salts in the bark. Separates the substance from ether forces.

Ag. Course Name: Cancer

In Nature:

Homeopathy:

Spiritual Activity:

Lanthanum

La

Chemical Data: Atomic No - 57,
Atomic Weight - 174.96, solid at 1936K

Steiner Arm: Spirit +

Gyro Arm: World Physical / Internal Physical

Major element relative: Ti

Planetary element: Mercury 2

Organ formation due the confluence of movement, variation in individual form for the circumstance

Venus Pentagram: A

Physical force dominate Spirit - manifesting

In Nature:

Homeopathy:

Spiritual Activity:

And so on.....

References

for this section have come from

R Hauschka - Nature of Substance

W Pelikan - Secrets of Metals

J Scholten - Homoeopathy and the Elements

Hausemann and Wolff - The Anthroposophical Approach to Medicine Vol 2

R Steiner - Spiritual Science and Medicine

W Boericke - Homeopathic Materia Medica

Lenntech - website through Google