

1.6 - Structure of Matter

It is generally held that:

1. **Matter** is made of **molecules**.
2. **Molecules** are made of **atoms**.
3. **Atoms** are made of **leptons**, **fermions**, etc.
4. **leptons**, **fermions** are made of **photons**.
5. **photons** are made of **quarks** (of 6 types only).
6. This **subdivision** of **matter** continues into higher/finer realms.

States of Matter and Energy

"Matter is bound up energy and energy is liberated matter." Keely, 1893

Most Energetic

Highest Frequency

Least Solid

	Keely	Ancient	Modern	
Subdivisions of Matter	7	Compound Interetheric	Mind	Gluon?
	6	Interetheric	Ether	Quarkian
	5	Etheric	Ether	Photonic
	4	Interatomic	Fire	Plasma
	3	Atomic	Air	Gaseous
	2	Intermolecular	Water	Liquid
	1	Molecular	Earth	Solid
	Least Energetic	Lowest Frequency	Most Solid	

Least Energetic

Lowest Frequency

Most Solid

© Dale Pond, 2007

Figure 1.3 - Subdivisions of Matter and Energy

Figure 1.3.1 illustrates how the universe is constructed of imbedded or nested layers of physical structure and dynamics. Molecules are made of atoms, atoms are made of leptons, etc. These are not dimensions existing independent of each other but are intermingled together interpenetrating each other. The lower frequency **dimensions** or realms of existence are predicated on or effectuated by the higher frequency realms, **dimensions**, planes or levels. The finer levels are the building blocks of the lower realms. In other words there can be no molecules without atoms; no atoms without electrons; no electrons without photons; no photons without quarks, etc. The structure of these **fractal** or nested realms are held (**Keely**) to be identical on all levels much like the repetitive imbeddedness of **fractal** math and images.

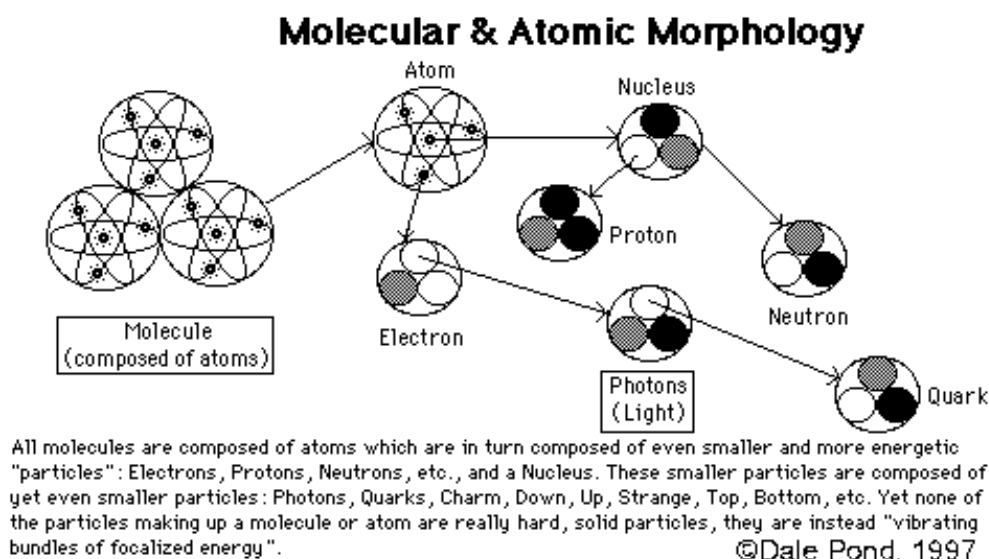


Figure 1.3.1 - Subdivisions of Matter and Energy according to Keely

"**Matter** is not held together from within by the attraction of **gravity**, as generally supposed, it is compressed together by a force exerted from the outside toward its **center**." [Atomic Suicide, page 14]

See Also

