

The Principle of ‘Ontological Anti-Reductionism’.

We do **not reduce** the “*ontology*” of *our cosmos* to -- “just” -- “atoms and the void”;

- or to “just” abstract “Matter”, abstract “Space”, & abstract “Time”;
- or to “just” abstract “Matter”, abstract “Energy”, abstract “Space”, & abstract “Time”;
- or to “just” abstract “Mass-Energy” & abstract “Space-Time”;
- or to just “‘bosons, fermions, and the void’”;
- or to “just” the “four [abstract, source-detached] forces” -- “‘gravitic’”, “strong nuclear”, “weak nuclear”, & “electromagnetic”;
- or to “just” “*Dark Energy*”, “*Dark Matter*”, & their later derivatives.

Our taxonomy focuses upon the durable concrete active actual agents of *Nature*.

[see http://point-of-departure.org/Point-Of-Departure/ClarificationsArchive/Reductionism_W/Reductionism_W.htm;

see also: http://point-of-departure.org/Point-Of-Departure/ClarificationsArchive/OntologicalReductionism_W/OntologicalReductionism_W.htm].

Whenever the «monads», the units, the individuals, constituting a new category, for a new kind of being, irrupt into existence, within a universe of discourse, the individual units that that new category represents, collectively, are considered by us to constitute new ontology.

Such new «monads», units, or individuals, will constitute a new kind according to the ‘principle of partitioning’ agreed to as the basis for ‘taxonomizing’ that universe of discourse.

Relative to that universe of discourse, and its consensually-adopted ‘partition-principle’, given that those new «monads», units, or individuals also evince a certain ‘evolute’ durability, or ‘durativity’, & regardless of to what degree they may represent a combination, a compound, a hybridization, a synthesis, or, e.g., an ultimately “unstable” composite of earlier ontology, they will still be considered, by us, to represent new ontology.

In the category-symbols listed below, ‘ $\overset{1}{\nabla}$ ’ is a ‘dialectical diacritical mark’ locating these categories, systematically, taxonomically, as inhering, per the Encyclopedia Dialectica Universal Taxonomy, in its Level 1, & in the “‘universe of discourse’” ‘ ∇ ’, or “‘All’”, & for the ‘ $\mathbf{D} = \nabla$ ’, or “‘everything’”, Domain.

The type **N** or **W**, epoch-counter value, $\nabla\tau_2$, is the discrete time independent variable, or driver-variable, of our dyadic Seldon Function ‘dialectical “theory of everything meta-model meta-equation”’.

Its pre-subscript, ‘ $\overset{1}{\nabla}$ ’, tags this time variable with the “‘everything’” Domain symbol, ∇ , to whose specific time period intervals it pertains.

Its post-subscript, ‘ τ_2 ’, tags this time variable with the value of the exponent definitive of the dyadic Seldon Function, as distinct from, e.g., the triadic Seldon Function, etc.

In terms of our cosmos as an historical whole, our ‘principle of ontological partitioning’ is rooted in the dialectical, self-«aufheben» principle of ‘meta-monad-ization’. Therefore, the primary «gene» of our cosmos as a whole, to-date [& omitting “Dark Energy” & “Dark Matter” until we know more about them], that is, the primary ontological categories, forming the primary ontology of our total universe, are as follows --

0. $\overset{1}{\nabla}\mathbf{n}$ -- the cosmological population of agents organized to no higher level than that of the “non-composite” fermions & bosons, e.g., quarks & gluons; $\mathbb{E} \rightarrow \mathbb{Q}_{2^0} = \mathbb{Q}_2$; 0th ‘meta-degree’ [\mathbf{n}^0] “‘self-involution’” of the n «monads», given ‘meta-exponent’ $\nabla\tau_2 = 0$;

1. $\overset{1}{\nabla}\mathbf{s}$ -- the all-cosmos population of pre-/sub-atomic agents organized up to the composite bosons & fermions level, & no higher, e.g., protons & neutrons; ‘meta- \mathbf{n} units, each unit of which is made up out of a heterogeneous multiplicity of former “non-composite” boson & fermion units;
 $\mathbb{E} \rightarrow \mathbb{Q}_{2^1} = \mathbb{Q}_2$; 1st ‘meta-degree’ [\mathbf{n}^1] “‘self-involution’” of the n «monads», first arising in epoch $\nabla\tau_2 = 1$;

2. $\overset{1}{\nabla}\mathbf{a}$ -- the cosmological population of agents organized up to the atomic nuclei level, & no higher, e.g., “heavy” Hydrogen & Helium;
‘meta- \mathbf{s} units, each unit of which is made up out of a heterogeneous multiplicity of former composite boson & fermion units;
 $\mathbb{E} \rightarrow \mathbb{Q}_{2^2} = \mathbb{Q}_4$; 2nd ‘meta-degree’ [\mathbf{n}^2] “‘self-involution’” of the n «monads», first arising in epoch $\nabla\tau_2 = 2$;

3. $\overset{1}{\nabla}\mathbf{m}$ -- the cosmological population of agents organized up to the molecules level, & no higher, e.g., H₂, H₂O, CO₂, O₂, etc.;
‘meta- \mathbf{a} units, each unit of which is made up out of a heterogeneous multiplicity of former merely atomic nuclei units;
 $\mathbb{E} \rightarrow \mathbb{Q}_{2^3} = \mathbb{Q}_8$; 3rd ‘meta-degree’ [\mathbf{n}^3] “‘self-involution’” of the n «monads», first arising in epoch $\nabla\tau_2 = 3$;

4. $\underset{\vee}{\mathbf{p}}^1$ -- the cosmological population of *agents* organized up to the pre-eukaryotic cellular level, & *no higher*, e.g., **bacteria**, etc.; '*meta-m*' units, each *unit* of which is made up out of a *vast* heterogeneous multiplicity of former merely molecular units; $\mathbb{E} \rightarrow \mathbb{Q}_{2^4} = \mathbb{Q}_{16}$; 4th 'meta-degree' [\mathbf{n}^{2^4}] "'self-involution'" of the \mathbf{n} «*monads*», *first arising* in epoch $\underset{\vee}{\tau}_2 = 4$;
5. $\underset{\vee}{\mathbf{e}}^1$ -- the cosmological population of *agents* organized up to the eukaryotic cellular level, & *no higher*, e.g., **yeast cells**, etc.; '*meta-p*' units, each *unit* of which is made up out of a heterogeneous multiplicity of former pre-eukaryotic cell units, e.g., of mitochondria & chloroplasts, by means of cellular "symbiogenesis"/"endosymbiosis" [cf. Lynn Margulis] $\mathbb{E} \rightarrow \mathbb{Q}_{2^5} = \mathbb{Q}_{32}$; 5th 'meta-degree' [\mathbf{n}^{2^5}] "'self-involution'" of the \mathbf{n} «*monads*», 1st 'meta-degree' [\mathbf{p}^{2^1}] "'self-involution'" of the \mathbf{p} «*monads*», *first arising* in epoch $\underset{\vee}{\tau}_2 = 5$;
6. $\underset{\vee}{\mathbf{b}}^1$ -- the cosmological population of *agents* organized up to the multi-eukaryotic, multi-cellular, 'meta-biota' level, & *no higher*, e.g., of the asocial "meta-phyta" & "meta-zoa", such as *ferns* & some *sharks*, respectively; '*meta-e*' units, each *unit* of which is made up out of an, *often vast*, heterogeneous multiplicity of former eukaryotic cell units; $\mathbb{E} \rightarrow \mathbb{Q}_{2^6} = \mathbb{Q}_{64}$; 6th 'meta-degree' [\mathbf{n}^{2^6}] "'self-involution'" of the \mathbf{n} «*monads*», 2nd 'meta-degree' [\mathbf{p}^{2^2}] "'self-involution'" of the \mathbf{p} «*monads*», *first arising* in epoch $\underset{\vee}{\tau}_2 = 6$;
7. $\underset{\vee}{\mathbf{l}}^1$ -- the cosmological population of *agents* organized up to the proto-language-based, multi-eukaryotic-cellular, animal (& plant) societies, & *no higher*, e.g., *meerkats* & *grain-grasses*, respectively; '*meta-b*' units, each *unit* of which is made up out of a heterogeneous multiplicity of former asocial 'meta-biotan' units; $\mathbb{E} \rightarrow \mathbb{Q}_{2^7} = \mathbb{Q}_{128}$; 7th 'meta-degree' [\mathbf{n}^{2^7}] "'self-involution'" of the \mathbf{n} «*monads*», 3rd 'meta-degree' [\mathbf{p}^{2^3}] "'self-involution'" of the \mathbf{p} «*monads*», *first arising* in epoch $\underset{\vee}{\tau}_2 = 7$;
8. $\underset{\vee}{\mathbf{h}}^1$ -- the cosmological population of 'humans-led meta-societies' as *agents*, & organized to *no higher level*; organized, at *first*, as language-based-humans-led, animal/plant multi-society 'meta-societies', e.g., of co-predatory, foraging proto-humanoid bands & pack wolves [proto-dogs], plus 'horticulturalized social plant' foods; '*meta-l*' units, each *unit* of which is made up out of a heterogeneous multiplicity of animal/plant society units, i.e., of former 'l-socialized meta-biotan' units, by social "symbiogenesis"/"endosymbiosis"; $\mathbb{E} \rightarrow \mathbb{Q}_{2^8} = \mathbb{Q}_{256}$; 8th 'meta-degree' [\mathbf{n}^{2^8}] "'self-involution'" of the \mathbf{n} «*monads*», 4th 'meta-degree' [\mathbf{p}^{2^4}] "'self-involution'" of the \mathbf{p} «*monads*», *first arising* in epoch $\underset{\vee}{\tau}_2 = 8$; "eucatastrophic" oinnacle: the base-democratic 'planetary polis';
9. $\underset{\vee}{\mathbf{y}}^1$ -- the predicted future cosmological population of 'meta-human meta-meta-societies' as *agents*, only extant fractionally, partially [' \mathcal{Q} '] as of the present time within the Terran locus & ecosphere; '*meta-h*' units, each *unit* of which is made up out of a heterogeneous, multi-planetary multiplicity of former, uni-planetary, 'planetary polis' units, of 'humans-led meta-societies' units; 'meta-humanity'; $\mathbb{E} \rightarrow \mathbb{Q}_{2^9} = \mathbb{Q}_{512}$; 9th 'meta-degree' [\mathbf{n}^{2^9}] "'self-involution'" of the \mathbf{n} «*monads*», 5th 'meta-degree' [\mathbf{p}^{2^5}] "'self-involution'" of the \mathbf{p} «*monads*», *first arising* in epoch $\underset{\vee}{\tau}_2 = 9$.

One of our key *principles* is, therefore, one which we have named, in its positive mode, 'ontological pluralism', and, in its negative mode, 'ontological anti-reductionism'.