The Epigenetic Unconscious pt. 2.

For the reader to get the most of this essay, the previous material must be understood. You may access that by using the following links, or, from the New Ideas page of *Mind* magazine www.mindmagazine.net.

http://blog.theultranet.com/2015/08/modern-man-of-phylogeny-guilt-obedience-and-consequencean-answer-to-old-problems.html

http://blog.theultranet.com/2015/08/mnemic-psycho-epigenetics-the-foundational-basis-of-depth-archetype-and-synthesis-in-psychology.html

http://blog.theultranet.com/2015/09/the-epigenetic-unconscious-pt-1.html

Let us begin by fleshing out the idea of epigenetic/phylogenetic syntactic relational scripting of ontogenetic content. If the reader will recall, I have suggested, that unconscious phylogenetic information, once expressed, is a relational syntax, and this grabs hold of the current ontogenetic particulars, which are as words, and defines their contextual/situational meaning in a scripted set of relational definitions. This acts as an experiential template, defining the meaning of experience from beneath the (unconscious) transference which creates qualitative reality. We can observe this notion in animal experiments. Once a mouse's fear of a cherry blossom or specific odorant is created by way of an associated negatively valanced stimulus, and the epigenetic information is passed onto the next generation, we can see the effect working.

Parental olfactory experience influences behavior and neural structure in subsequent generations: Brian G Dias & Kerry J Ressler:

http://www.nature.com/neuro/journal/v17/n1/abs/nn.3594.html

The offspring then exposed to the same scent, demonstrate increased sensitivity to it, and express fear. The inherited epigenetic response is specific in defining a relation between the offspring who have never directly experienced reason to fear the odorant, and, the scent in question. In the wild, the cherry blossom would be different in its particulars, but the situation would be understood, a common element, in this case scent, would thereby via association bring relational information, as syntax, which would define the object, a cherry blossom, as dangerous so the animal could somatically avoid the stimulus, and the danger with which it is relationally associated. Here we see the ontogenetic particulars, a particular cherry blossom and a particular situation… perhaps foraging in the wild…are relationally defined by epigenetic information. The props, the cherry blossom in question and the scene foraging, are from the ontogenetic present, but their relational definitions, are epigenetically mediated in an automatic unconscious way. The behavioral basis, is that of learned somatic instinctual recognition and response via epigenetic instantiation, cross-generational inheritance and epigenetic expression.

Now, let us look to the more complex social situational specifics, and deep historical legacy of the human race. In previous essays linked above, I have articulated an admittedly sparse initial proposed methodology to define the expressed and unexpressed epigenetics associated with primary developmental phylogeny, and trauma. Punitive structuralizations associated with super-ego, are of course, highly pathogenic contributors, as was made manifest in part one of this series of essays.

Please read here, for a basic detailing and historical analysis of super-ego structuralization, its (introjected) relation to masochism, and a proposed method of mnemic re-consolidation:

http://www.thejournalofunconsciouspsychology.com/web_documents/who_fired_prometheus_black_watch.pdf

http://www.thejournalofunconsciouspsychology.com/web_documents/re-polarization_theory.pdf

We can see from those papers, that for modern Man, our dangers are (mainly) socially mediated, and (entirely) somatically based. What gives human phylogeny its elevated and mysterious appearance, is the increased complexity in which those dangers are embedded, and their repressed seat of influence as agents of direct association, and also dynamic valence stemming from unconscious fantasy, distributing by way of transference, experiential qualitative valence. It is from this layered topology and substantial complexity, that the archetypes, and Freudian unconscious structures alike, both do spring.

Epigenetic phylogeny as complexification of the somatic instincts:

Here in what we call the phylogenetic, we see the processes which create instinct, nothing more. The appearance of something deeper is created by way of complexity. I will place the picture in context, then restrict the focus to gain an ontological macro-analysis.

Macro-derivation of onto-physical formative "laminated" process:

As one progresses across isomorphisms of cognitive and physical scale, an alternation between distributive processes and result is created, as a laminated structure which alternates logical and affective layers. Here you can see affect, feeling, give rise by self-recursive dynamism to logic, and, logic, underlying affective distributions. Under that, is wavefunction itself, which again, appears to be sort of proto-affect, a primary affective physical/biological conscious fount! (I have just finished a paper spelling this out, and will detail that in a few months time). So the universal and ontogenetic systems, consciousness in ontogeny and other quantum physical systems, alternate process specificity as one moves across scales.

http://blog.theultranet.com/2015/08/logic-a-quantum-ontologic-self-recursive-affective-product-and-affective-distributional-basis.html

http://blog.theultranet.com/2015/08/wave-function-as-onto-physical-transference-collapsean-abstract-encoding-pt1.html

Psycho-ontology and phylogeny; epigenetic instantiation and expression as instinctual somatic basis complexification:

Ontology presents within a limited framework derived from human existential phenomenology. Ontology, as instinct, can be observed and derived as sourced from a somatic basis:

a. Lower neural structures and those more centrally located are older. As the cortex is damaged or removed, if the damage is sufficiently specific or extensive, dreams take on a somatic quality (think of the work of Solms).

b. The REM system is older than the sleep onset (SWS) and waking system (ARAS) [see above link on wavefunction]. REM activates the PGO system, and the FTG neurons, which are primitive orienting reflexes, and serve a similar somatic function in waking. *REM was once primary consciousness for our ancestors, and can be seen as evidenced in waking, embedded in the Basic Rest Activity Cycle* (Panksepp, Affective Neuroscience, Oxford Press, 1998; see above links for more).

c. Hallucinatory representation of undistorted unconscious content in SSRI withdrawal is all but entirely somatic in the content revealed. (Norman, 2011, *The Tangible Self*, and links below).

http://www.thejournalofunconsciouspsychology.com/web_documents/who_fired_prometheus_black_watch.pdf

http://thejournalofunconsciouspsychology.com/blog/2013/12/21/5-ht-and-repression-the-key-indoleamine-the-unconscious-gateway-of-civilization-creativity-and-hell/

http://www.thejournalofunconsciouspsychology.com/web_documents/background_info_black_watch.pdf

http://www.thejournalofunconsciouspsychology.com/web_documents/re-polarization_theory.pdf

d. The oldest most primary affective motor SELF is deeply embedded and ancient, a somatic reflexive nexus found at the junction of the superior colliculi and the periaqueductal grey (Panksepp, Affective Neuroscience, Oxford Press, 1998). Soma! Ontological self extends from soma at the lowest available level. Instinct!

Simply imagine the situation in ever increasing social complexity, the rewards and punishments now associated with very complex interwoven situational specifics. We must recognize these complex emergent social structures and respond to avoid danger

and secure reward. The anima beckons, authority threatens social rebuke, etc. Now, highly complex psycho-socially endemic structural specificity—archetype—and basic punitive moral structures—super-ego/guilt—can be seen rightly as tracing back to their ancient physical roots, and creating somatic variations in result: epigenetic expression or lack thereof.

Now we are in a position to make a bit of headway. To review the papers linked above, and part one of this series, it is at once obvious that the pathology is far too deeply entrenched and energetic to remove in a sort of mechanistic cut and paste approach. Such an approach would without question wipe out too much vital information, and, would be unlikely to succeed as the content is too filled with cathexis…far too potent to simply erase without creating other unintended consequences and symptomatology.

A process of content substitution and re-mediated/down-regulated recognition sensitivity is implied. Please note the substitutive factor in part one of this series. *Substitutive suppression* and conditionally resonant *desensitization* appear to provide the correct approach. Ego structure mediating interactive response to social conditions is therefore, key. Ego is anatomically specific as the coordinated distributions extending as the Default Mode Network (Carhart-Harris and Friston, 2010 The default-mode, ego-functions and free-energy: a neurobiological account of Freudian ideas. *Brain,* doi:10.1093/brain/awq010).

Recent studies have demonstrated the actual de-structuralization/alteration of DMN connectivity by way of meditative practice.

Meditation experience is associated with differences in default mode network activity and connectivity: Judson A. Brewer, Patrick D. Worhunsky, Jeremy R. Gray, Yi-Yuan Tang, Jochen Weber, and Hedy Kober

http://www.pnas.org/content/108/50/20254.full

These changes were conducive to increased mental health and balance. As meditative practice is very ancient, we can rest assured that there is a phylogenetic component, ripe for substitutive instantiation into system, ready to lower pathogenic situational resonant sensitivity. Also, whatever the particular state of phylogenetic epigenetic potential present in any individual, the information can, if rightly structured into the correct signaling at the right frequency…be made manifest in all cases with varying degrees of ease. Perhaps…Only light and sound need be used. This epigenetic sequencing must be isolated, and coded into proper form so it can be administered via noninvasive means, thereby altering unconscious epigenetic expression associated with neurosis and psychosis.

The alpha function key in the above linked re-polarization paper, is also vital. This substitutive answer to pathological penalty stemming from a human history so filled with disease and abuse, is utterly vital. Together, these two ideas, could be administered as information encoded into wave forms resonant to the antenna frequency of DNA. The

exact level of suppression could be determined by examining the presence of heterochromatin and methylations as expressed in relevant sequences via the histone code.

From: https://en.wikipedia.org/wiki/Histone_code

Methylation of lysines H3K4 and H3K36 is correlated with transcriptional activation while demethylation of H3K4 is correlated with silencing of the genomic region. Methylation of lysines H3K9 and H3K27 is correlated with transcriptional repression. Particularly, H3K9me3 is highly correlated with constitutive heterochromatin.

I will research wave genetics and attempt to nail down the specifics, and ascertain the validity of the approach. I will return with the next in this series, and then the final answer, as soon as I have collected that information.

[NOTE: Unfortunately my research has uncovered the fact that Wave Genetics is not valid science. Although I will be able to articulate the remainder of the information, I now need to create a specific methodology to apply this new theory. Please be patient.]

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