

# PROPOSAL FOR HARVARD-MIT BIOLOGY-PSYCHOLOGY COLLABORATION ON EVOLUTIONARY HISTORY OF PERSONALITY FROM ORIGIN OF MAMMALS

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## 1. BROADEN DEFINITION OF PERSONALITY

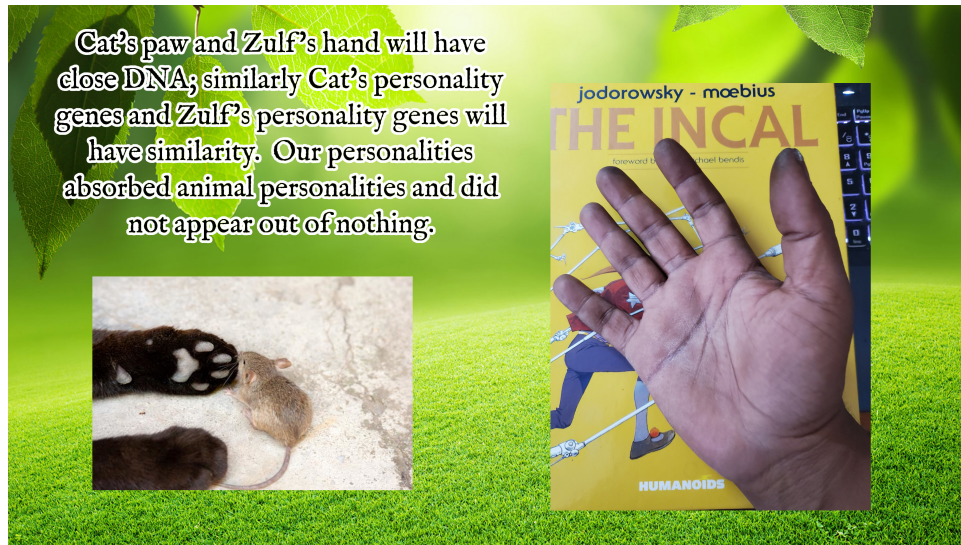
Jaak Pangsapp had a great model of fundamental emotional systems that all mammals share, around seven of them. Mammals evolve for the first time between 250-200 million years ago. We ought to consider the evolution of human personality from the earliest mammals, for with mammals come emotions and the theories about these arise from Paul McNeal's triune brain theory and limbic system and so on.

What we ought to do is have an evolutionary history of personality traits for all mammals and then put human personality types in context. These genome-wide association studies seeking to relate big five traits with some genetic variation data are valuable because some results have been found by Antonio Terraciano and his colleagues but I think that we will need a more extensive project to expand personality to all mammals. It is quite clear that this is fruitful and will give us much better perspective about the larger and smaller variations of human personality traits.

I am responsible for showing the existence of thousands of personality types in data and also the first to show that Generalised Hyperbolic Distribution is much more appropriate for large sample five factor distributions than Gaussians. I extend Briggs-Myers without problems using Big Five as input. We can consider my discoveries as motivation to dig deeper into mammalian personality and its evolution to provide context.

Make a greater study of evolutionary history of personality of mammals and this will illuminate human individual personality clearly and without a lot of hacks and phenomenological models that only provide partial illumination.

## 2. ZULF'S HAND AND CAT'S PAW



## 3. OUR PERSONALITIES EVOLVED FOR 240 MILLION YEARS BEFORE US

This is a simple inference. All mammals had personalities that evolved for 240 million years before our immediate ancestors evolved; therefore we absorbed all of that evolution directly into our genome. Our personalities are mild deformations of very ancient adaptations. Nature does not like to throw things away, especially genetic material that was learned at heavy cost, and so we just absorbed all these evolved behaviours. This is totally unconscious adaptations, and partly it is so difficult for us to understand ourselves. We just have behaviour that evolved hundreds of millions of years before the first human being *in a wild evolutionary context we cannot even imagine accurately* and then there it is, in our expression of life, in our personality and character, completely strange elements we did not *invent* but we do not understand. In fact this is what makes Human Nature difficult to fathom. Our ancient genes hundreds of millions of years that adapted to evolutionary problems we cannot even imagine, expressing in our thoughts, moods, behaviours, uncontrollable by our controlling senses.