

Review of: "Necessity Was the Mother of Human Cultural Invention"

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"Necessity Was the Mother of Human Cultural Invention" is a fascinating article, and the author has extensively studied various expectations of cultural invention. The author has combined stimuli, the effect of hormones, and the effect of pheromones with various behavioral forms. The author also discusses the importance of genetics and cultural evolution and combines multiple social, religious, and economic factors. It gives a broad understanding of cultural invention and the factors that could perhaps have played a significant role. This paper has been systematically arranged to describe the phylogenetic steps in human evolution, including suppressing instinctive behaviours that could limit the potential of prior and concurrent physical enhancements.

Here are some of my recommendations:

1. Some sentences needed references. Providing them will offer an additional read for the audience who would like to read more.
2. The jump from one subtopic to another was a bit sudden. For example, putting the Compulsively Learned Behaviors (mating) followed by Interpersonal Behavior Driven by Pheromones Child Rearing Driven by Hormones would be better linked.
3. The author could also add food-sharing behaviours and cases of altruism.

Overall, the article is very comprehensive and has been written and framed well.