

Re: Evolution is NOT random

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"dkomo" <dkomo871@xxxxxxxxxxxxxx> wrote in message [news:g0cmbb\\$1o1o\\$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx](mailto:news:g0cmbb$1o1o$1@xxxxxxxxxxxxxxxxxxxxxxxxxxxxxx)

So why do people keep discussing it as though it were? Evolution is a deterministic process taking place in a deterministic world. The only "randomness" about it is in our own minds due to our inability to completely understand, track and predict what is going on. This randomness is epistemological and relative, and is not a real feature of nature.

Why do I say this? The only truly random processes in nature are quantum processes and, as far I know, this quantum randomness plays no role in genetic mutations.

The paradigmatic case of a 'random' cause of mutation is getting hit by a gamma, X, or uv ray. If you truly believe that quantum randomness is not involved in the emission or absorption of electromagnetic radiation, then I think you need to reconsult whatever 'tao' you have used as your source of quantum mechanical wisdom.

In any case, there are a lot of other 'random' aspects to evolution besides mutation. Like recombination and segregation. Like that butterfly in Brazil which causes the Hurricane in Jamaica with the net result that some lizards ride a log raft to Antigua.