

## Pre-Fall physics

I would like to respond to previous correspondence in *TJ* in relation to the idea of God's sustaining power and the function of physical laws.<sup>1</sup> Going back to my original statement, most origins cosmologies extrapolate post-Fall natural laws or processes to have functioned similarly before the Fall.

Some cosmology theories resort to miraculously slowing down normal physical processes, such as stars burning incredibly slowly, as in Hartnett's implication of how Moses' bush was actually burning, but at the molecular level. Other theories miraculously speed up physical processes, such as statements that neutrinos reached Earth from within the sun without the millions of years for it normally to do so. If origin cosmology theories require the constant manipulation of physical laws by God in the pre-Fall universe, then it may be more reasonable to believe that the physical laws we observe today were not happening in any way in the pre-Fall universe.

For what purpose would God use natural laws, if He is constantly violating those laws in order to sustain the universe/stars? Those violations appear to serve no purpose (in contrast to historical miracles). What part would hydrogen fusion play in a supernatural event where atoms are continually being created to supply the fuel in stars to make the light? If God was the sustainer and upholder entirely, as He claims, then there is no reason to believe our physical laws governed the universe in any way pre-Fall. Creation was in a unique state, outside of our ability to test or measure. The physical laws we know today may just as well have resulted at the Fall, as God removed some of his original sustaining power.

Such an idea limits what we can formulate or calculate, but it should not be rejected out of hand, as all such hypotheses regarding creation are beyond our ability to confirm or deny with science.

I would also argue against the pro-

posed combination of God's sustaining power working in conjunction with physical laws pre-Fall, since again we cannot experiment or measure such. Such events have occurred post-Fall (feet never swelling, clothes not wearing out, bushes burning without being consumed), but they are not measurable, nor can they be formulated; they are outside our understanding of physical laws. Such sustained or upheld events would be the normal situation of all things pre-Fall.

I would disagree with Hartnett's statement that stars going supernovae would also have been a condition of the pre-Fall universe. How would stars exploding into an expanding cloud of gas fulfil God's given purpose as signs to mark seasons and days and years? If Adam is really the cause of the entrance of death into creation, then stars exploding should be included in that. Sarfati quotes John Wesley in *Refuting Compromise*: 'Hence there were no agitations within the bowels of the globe, no violent convulsions ...', and this certainly is reasonable for every celestial body in the pre-Fall universe. However, I would disagree with Wesley's subsequent statements regarding man requiring sustenance and rest.

It has been argued that stars exploding and burning slowly is normal pre-Fall behaviour, being analogous to Adam digesting fruit. However, I do not believe there was something chemically going on in Adam when he ate. Just as we can't assign a chemical formula to what was happening with the fish and bread that Christ multiplied to feed the multitudes, we can reasonably infer no chemical reactions in a reverse situation as Adam added food to his body.

If Adam's cells/body were prepared to keep him alive forever, then any introduction of food into his body would have been unnecessary—life-sustaining-wise. (The purpose of a work week, sleep and eating to enjoy the pleasures of taste in a pre-Fall world is a subject for another paper.) Assigning the life-sustaining properties of chemical digestion, as we know it, to Adam when he ate is similar to forcing

gas into a full tank in a car. Would food chemically go where it didn't need to go, replace molecules that didn't need replacing, to perform functions that didn't need to be performed? The only purpose I can conceive eating performed, pre-Fall, was for man to enjoy all the senses God had given him, including taste, yet without the chemical reactions. Perhaps the food passed straight through the body or miraculously disappeared as easily as the fish and bread appeared for Jesus.

I propose, in the pre-Fall universe that all objects had molecular structure, yet these atoms did not interact with each other, but were acting in harmony with God's sustaining and upholding power. When Adam sinned God took away some of His sustaining power, and atoms and molecules were forced to obey natural laws and therefore react with each other under those new laws. Large bodies in space would have heavier elements sink to the core and lighter elements rise to the surface. Magnetic fields arising under these new conditions would help heat cores in the bodies. These new conditions would cause some planets and stars to burst or rupture under the new laws of physics.

Following up on the idea presented here, I would like to see articles discussing how the universe 'reacted' to the change from God sustaining it entirely, to physical laws maintaining things. I discussed briefly how atoms reacting together for the first time would affect celestial bodies, but another side would be how the human body was affected by the physical laws switch that Adam turned on.

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### References

1. Wilson, J., Pre-Fall cosmology, *TJ* 18(1):56–57, 2004. Reply by J. Hartnett.