

**“Just Like Stars, Open
Clusters Can Form Binary
Pairs”**



Open star clusters are beautiful objects to observe in a small

telescope with dozens or even thousands of twinkling stars. The Sun was once part of a cluster like this, but its early companions are scattered across the Milky Way. We know of at least 5,000, and there could be as many as 100,000 open clusters in the galaxy. Now, astronomers have discovered that open clusters can orbit one another, similar to how binary stars can do their gravitational dance.

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“The Name N159 Doesn’t Do This Brilliant Star-Forming Region Justice”



You're looking at an amazing image: the N159 star-forming complex located in the Large Magellanic Cloud, near the more famous Tarantula Nebula. The image was captured by the Hubble Space Telescope, revealing the star-forming region in intricate detail. You can see how powerful radiation from hot stars sculpts the nearby gas and dust, blowing bubbles that prevent new infalling material from reaching the stars. Check out the article to see Webb's version of the region.

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The Soul is not Born



“The soul is not born, nor does it know itself as a soul. The purpose of its earthly journey is to awaken it to self-awareness and to provide it with the ability to continue existence in the Region Beyond the West. Therefore, how could it enter upon earthly life with these things? Were they already there, life and Earth would have no purpose.

“The soul is bodiless within the body, everlasting among things that change and pass away. Man does not perceive his soul, because his senses face outward from the soul, towards earthly things, with which it makes contact. So it is that only the most developed of men can close out the material things about them and turn their senses inward to perceive the soul.

“The soul looks out through the eyes and sees all, which is without, but nothing of this can look in through the eyes and see the soul, even though the soul’s feeling may be reflected there. An eye without a soul behind it sees nothing.

“The earthly and wayward seek only after outward pleasures and the satisfaction of the body. They fall into the snare of disbelief in the soul, and the Law decrees that disbelief shall be easy.

“Wise men, knowing the nature of immortal things, seek not for anything stable here among unstable things.”

-The Kolbrin Bible (MPR:3:20-24)

The Soul is not Born

This is true, in a sense. Since Souls were created by God, they exist outside of the limitations of space and time just as God does. Therefore, we cannot say they were born. They simply have always existed. This is a hard idea to grasp when we are trapped in the material realm where space and time are very real; nonetheless, it is true.

Souls need to Awaken

We shouldn’t say that the purpose of life on Earth is to allow the Soul to awaken. That implies that a Soul cannot be awake without spending time on Earth, which is not true. What is true is that after the Demiurge created beings of matter without Souls, God gave us Souls so that it was possible for us to awaken and be saved.

I’ve never heard it called that, but I have to assume that the “Region Beyond the West” refers to Heaven.

The Soul has no Body

It is true that the Soul has no physical body, but our Spirit, which is simply a Soul that has not been fully awakened and

developed, does have a non-material body.

The Soul Sees Without

It is true that the Soul can see what is around us, but we cannot look inside to see the Soul. Even if we look at someone else, we cannot see their Soul. While some think the eyes are the window to the Soul, that is not the case. We cannot see the Soul by looking into our own eyes or another person's.

“The Magnetar at the Heart of a Superluminous Supernova”



Core-collapse supernovae are plenty bright, briefly outshining all the other stars in their galaxy, but they don't hold a candle to superluminous supernovae, which can be up to 100 times brighter. Astronomers have been trying to work out what explains the power behind these explosions, and recently got a clue from 16 years of observations from the Fermi Gamma-Ray Space Telescope. It seems that magnetars are involved.

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“Hubble Captures a Starry

Spiral Cosmic Neighbor”



You're looking at an incredible image of the spiral galaxy NGC 3137, captured by the Hubble Space Telescope. This galaxy is 53 million light-years away in the constellation Antilia, and gives astronomers an opportunity to study the life cycle of stars in a galaxy that's similar to the Milky Way. You can see countless stellar clusters in the galaxy, places where new

stars are forming inside collapsing clouds of gas and dust.

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“How Super-Quasars Shaped Early Galaxies and Confounded the JWST”



Webb has shown us that there were extremely powerful quasars, even early on in the history of the Universe. These actively feeding supermassive black holes can have powerful outflows similar to stellar winds, but much more powerful. New research shows there's a clear link to these stellar outflows and the

evolution of the galaxies that surround them. This might explain why some galaxies have stopped forming stars as early as only two billion years after the Big Bang.

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Only Man has a Soul that can Feel Shame



"Man, alone of all creatures, is capable of blushing, for he, alone of all things living, has a soul which can experience a sense of shame. That man has a soul is beyond all doubt; it is the most obvious of all truths. Seek not to delve unduly into its secrets but to harmonize it with your body. Commune with it, and awaken its potentialities.

"Intellect, reason, willpower and comprehension; these are

not the soul. They are the manifestations of its existence, its attributes and its activity, but they are not the soul itself. Stimulate the soul by contact with that to which it responds. Know it through its manifestations and understand it through its faculties.

“It remains immortal and indestructible throughout all ages. Its splendor is displayed in noble deeds, and its glory in works of art and craftsmanship. It will survive your bodily disintegration. It was not created by the quickening of the flesh, nor conceived within the womb. Its seed existed before the body and preceded the thinking heart. The Great God sows soul seeds into earthly flesh, as man sows barley seeds in the fields of black soil.

“The soul is yours to fashion; it can be made radiant by goodness, beautified by virtue and glorified by love. It can be hideously deformed by vices and passions and twisted into a form of distorted horror by

meanness and hatred.”

-The Kolbrin Bible (MPR:3:11-14)

Man has a Divine Soul

This is something that few people understand. Many say that animals have souls just as humans do. While that is true, it is only the mundane soul that is associated with the physical body. Only man has a Divine Soul as well as a mundane one. It is that Divine Soul that can feel shame.

I don't think the quote is correct in saying that it is “beyond all doubt” that man has a soul. Many people today don't believe in the Soul, in the afterlife, or in God. Fortunately, more are waking up to the truth.

Awaken Its Potential

In this statement, the quote is correct. The Spirit and Soul do not awaken and develop on their own. It is up to each of us to awaken and develop our spiritual faculties. God must help with this, but He won't help if we don't participate in the process. It does need to harmonize with the body and mind. More specifically, it must control the Ego so that it doesn't dominate our behavior.

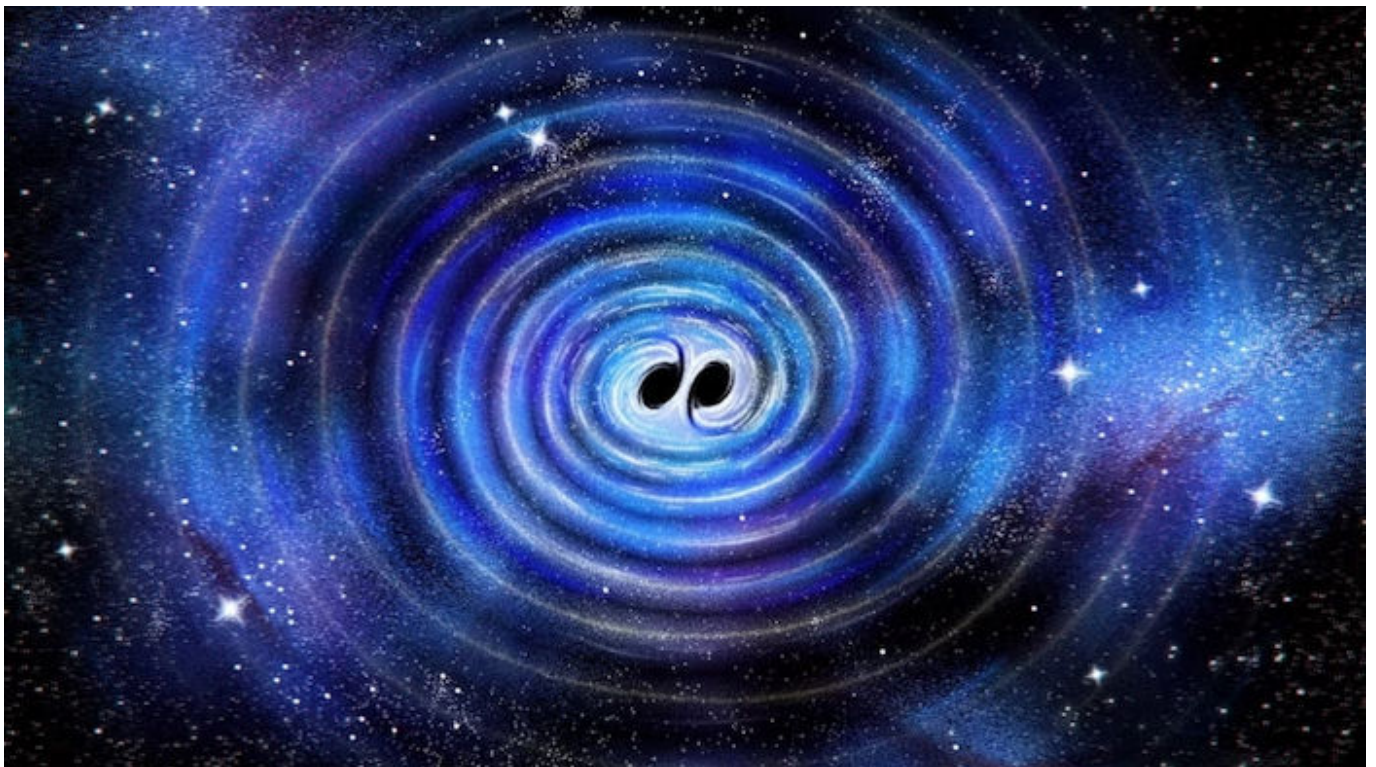
The Soul is Immortal

It is true that the Soul is immortal and indestructible throughout all ages. That is because the Soul, as a creation of God, exists outside of the limitations of space and time. The soul has always existed, and will always exist. But if you don't bother to develop your Spirit and Soul, your Soul will return to Heaven without you when you die. An important part of spiritual development is integrating the mind and Spirit, so that you will continue on after the inevitable death of the physical body.

Yours to Fashion

It is up to each of us to fill the Soul with the virtues of Beauty, Love, and Joy. If instead, you live a life of materialism, becoming attached to things, and engaging in physical passions, your Soul will be harmed by such behavior. If you commit the ultimate crime of murder, your soul will detach itself from you and leave you as a soulless shell. So feed you soul on the things it loves. Feed it so it will grow. That is how to become immortal.

“Strange ripples in space may point to dark matter near merging black holes”



Dark matter is thought to make up most of the matter in the cosmos, yet it has never been directly observed. It does not emit, absorb, or reflect light. So far, the clearest signs of it come from gravity. For example, galaxies bend light and move as though they contain far more mass than astronomers can see.

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“The Universe may have begun inside a black hole, not a Big Bang”



For nearly a century, modern cosmology has treated the Big Bang as the opening moment of everything, the instant when space, time, and energy burst into existence from an infinitely dense point. That picture has explained a great deal, from the cosmic microwave background to the large-scale distribution of galaxies. It has also left behind some stubborn problems, including the question of what happened at the singularity itself, where the known laws of physics break down.

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“Physicists rewrite Einstein’s equations to define spacetime evolution”



Spacetime is often described as the stage on which the universe unfolds, a four-dimensional blend of space and time that bends, stretches and shifts as matter and energy move through it. However, despite more than a century of work since Einstein introduced general relativity, physicists still struggle to describe how that stage evolves when gravity becomes violent, nonlinear and hard to predict.

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