

Chapter 1 : The Celestial Snow White: Mary Magdalene, Moon Goddess – PART II | Ancient Origins

But the way of the dwarfs - the way of the monks, that is, and, by extension, the way of all who seek perfection in Christ - is humility rooted in gratitude and love.

Terms of service Walt Disney softened the original Snow White story, leaving out the Evil Queen eating internal organs and dancing to her death in iron-hot shoes Apr 18, E. Hamilton Oh, Snow White, that classic, if a little retro, fairytale of good triumphing over evil. Walt Disney turned the fable into the first full-length animated musical feature film in Snow White and the Seven Dwarfs is to this day one of the top films of all time adjusted for inflation , beloved by generations of children. It turns out the American animator left out a few gruesome details. The Grimms were German scholars, researchers, and authors who collected folktales that were part of a rich oral tradition, having been passed down from generation to generation of women telling the stories to pass the time. In , they published the collection as Nursery and Household Tales. The dwarfs find Snow White asleep Despite its title, the book was not originally intended for children. The text included violence, incest, sex, and perhaps most deadly of all – footnotes. In the Cinderella story, for instance, the stepsisters cut off their toes and heels in order to fit into the glass slipper. Neither seems old enough to consider marriage. The Queen tricks Snow White three separate times in the Grimm version. The first time, she has Snow White try on a corset, which is so tight, Snow White passes out. The dwarfs save her by cutting the laces. The second time, she sells Snow White a poisonous comb, which the young girl puts in her hair, causing her to pass out. The dwarfs take it out. The third time the Queen tricks her with the same poisonous apple we see in the Disney film. Having fainted and presumed dead, young Snow-White is placed in a glass coffin in both book and movie. The dwarfs hesitantly agree, but as they are carrying her coffin out of their house, one of them stumbles. Jostled from her resting place in the coffin, Snow White spits out the apple lodged in her throat and is immediately revived. In movie and in folklore, Snow White and the Prince fall in love and get married never mind that in the original tale, Snow is only 7 years old. In the movie, the seven dwarfs chase the Evil Queen into the forest, where she tumbles off a cliff – with a push from a convenient lightning strike – and falls to her death. The dwarfs warn Snow White In the book version, the Queen attends their wedding where she is meted out a just punishment of dancing to her death. They were brought forth with tongs and placed before her. She was forced to step into the red-hot shoes and dance until she fell down dead.

Chapter 2 : When is a nova not a nova? When a white dwarf and a brown dwarf collide

Monks and White Dwarfs Paperback - December 1, by Paul Leppert (Author) Be the first to review this item. See all 2 formats and editions Hide other formats.

This object is possibly the oldest of its kind ever catalogued: Originally thought to be a nova, classifying this unusually shaped object correctly has Eyres For three and a half centuries, astronomers have pondered a mystery: It was long thought to be a nova--a star that periodically brightens as it blows off mass. But now, an international team of astrophysicists, including two professors at the University of Minnesota, have cracked the year-old conundrum. The monk witnessed the explosive merger of white and brown dwarf stars--the first ever identified. White dwarfs are the remnants of stars like the sun at the end of its life, while brown dwarfs are "failed stars" that have times the mass of Jupiter, but not enough to ignite the thermonuclear fusion reactions that power the sun and other stars. The brown dwarf got the raw end of the deal. It was shredded, and its remains spun out in two jets--like a jet of goop shooting from the top of your blender as you searched frantically for the lid. Beneath the swan, an odd duck The unusual star has been dubbed CK Vulpeculae, as it resides in the constellation Vulpecula the little fox. It is just below the star Albireo, the head of Cygnus, the swan. That location is inside the Summer Triangle of bright stars, which is now high in the south after nightfall. The star is approximately 2, light-years from Earth. The white dwarf and brown dwarf started out fairly ordinary--orbiting each other in a binary system, as astrophysicists believe most stars are born. As they merged, the brown dwarf was torn apart and its remains dumped on the surface of the white dwarf. It also caused the brightening that caught the eye of the monk Anthelme. They also found organic molecules like formaldehyde and methyl alcohol, which also would perish in stellar interiors. Thus, these molecules must have been produced in the debris from the collision. The amount of dust in the debris was about one percent the mass of the sun. That evidence, plus isotope data, led to the conclusion that the collision was between a white dwarf and brown dwarf. And the remnant star is still blowing off material.

Chapter 3 : Disney Cookie Jar | eBay

A white dwarf is the end state of a star like our Sun. Once its fuel is gone, the white dwarf shines due to stored thermal energy. No more fusion takes place. About 97% of the stars in the Milky.

M_{limit} is denoted as M_{Ch} . To interpret this result, observe that as we add mass to a white dwarf, its radius will decrease, so, by the uncertainty principle, the momentum, and hence the velocity, of its electrons will increase. Therefore, no white dwarf can be heavier than the limiting mass M_{limit} , or $1.44 M_{\odot}$. For a more accurate computation of the mass-radius relationship and limiting mass of a white dwarf, one must compute the equation of state which describes the relationship between density and pressure in the white dwarf material. If the density and pressure are both set equal to functions of the radius from the center of the star, the system of equations consisting of the hydrostatic equation together with the equation of state can then be solved to find the structure of the white dwarf at equilibrium. In the non-relativistic case, we will still find that the radius is inversely proportional to the cube root of the mass. This is the limiting value of the mass—called the Chandrasekhar limit—at which the white dwarf can no longer be supported by electron degeneracy pressure. The graph on the right shows the result of such a computation. It shows how radius varies with mass for non-relativistic blue curve and relativistic green curve models of a white dwarf. Both models treat the white dwarf as a cold Fermi gas in hydrostatic equilibrium. Radius is measured in standard solar radii and mass in standard solar masses. If the white dwarf is rotating, the equation of hydrostatic equilibrium must be modified to take into account the centrifugal pseudo-force arising from working in a rotating frame. If the star is allowed to rotate nonuniformly, and viscosity is neglected, then, as was pointed out by Fred Hoyle in [52] there is no limit to the mass for which it is possible for a model white dwarf to be in static equilibrium. Not all of these model stars will be dynamically stable. This matter radiates roughly as a black body. This enables the composition and structure of their atmospheres to be studied by soft X-ray and extreme ultraviolet observations. As was explained by Leon Mestel in [53], unless the white dwarf accretes matter from a companion star or other source, its radiation comes from its stored heat, which is not replenished. White dwarfs have an extremely small surface area to radiate this heat from, so they cool gradually, remaining hot for a long time. Since the white dwarf has no energy sink other than radiation, it follows that its cooling slows with time. The rate of cooling has been estimated for a carbon white dwarf of $0.5 M_{\odot}$. After initially taking approximately 10^7 years. Once we adjust for the selection effect that hotter, more luminous white dwarfs are easier to observe, we do find that decreasing the temperature range examined results in finding more white dwarfs. The white dwarf luminosity function can therefore be used to find the time when stars started to form in a region; an estimate for the age of our Galactic disk found in this way is 8 billion years. No black dwarfs are thought to exist yet. As a result of their hydrogen-rich envelopes, residual hydrogen burning via the CNO cycle may keep these white dwarfs hot on a long timescale. In addition, they remain in a bloated proto-white dwarf stage for up to 2 Gyr before they reach the cooling track. The dominant element is usually carbon, 10 times more abundant than all other elements. As explained by Schatzman in the 1950s, the high surface gravity is thought to cause this purity by gravitationally separating the atmosphere so that heavy elements are below and the lighter above. Although thin, these outer layers determine the thermal evolution of the white dwarf. The degenerate electrons in the bulk of a white dwarf conduct heat well.

Chapter 4 : ALMA Reveals Aftermath of White Dwarf and Brown Dwarf Collision

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The hill dwarves there were secretive, but would often trade with the monks dwelling at the temple not far off. One day the monks heard a massive explosion and saw giant plumes of smoke in the distance arising from the dwarven halls. The fire there burns to this day. The only relic Ember has from that day is a Mythril necklace, worn by the burned dwarf he presumed his mother, but of course had no way to tell, adorned with a strange symbol. The monks attempted to take Ember to other Hill Dwarf halls near the temple to be adopted, but as soon as the dwarves learned which halls the infant was from, he was immediately shunned. And so he was adopted by the monks. Ember was named by Marius for the nature of his discovery and his fiery spirit, evident even as a baby. The residents of the temple were primarily humans who had left their more materialistic lives in search of a more pure existence. Ember was raised in the monastic ways of the Temple, the adherents of whom worshipped Bahamut, a wise dragon, and deity of wisdom and justice. Their worship is a Buddhist like one – they revere Bahamut as a symbol of strength and enlightenment, and though they do not worship him as a savior, they view his deeds and altruistic power as a guide towards enlightenment. As Ember grew up he took quickly to the lessons of the temple, but also had a hot head which often landed him in trouble and made him continually question the doctrine of the temple. This caused Marius to take a liking to Ember, and though Ember always challenged, he always found the enigmatic riddles and lessons of the temple made sense in the end. Though the temple preaches finding enlightenment in the now and in good deeds born out of compassion, his past, which was never hidden from him, always tugged him away from his monastic duties. Dwarves who knew the halls where he came from spoke ill of the once prosperous place, which became secretive and unsavory even before the explosion, and they viewed Ember with a cautious superstition. However, a smith by the name of Azmul took a liking to Ember and the temple would allow him to spend weeks away learning the smithing arts and about dwarven culture. It was he who would eventually give Ember the traditional dwarven surname of Deepdelves, for his curiosity and drive to learn more about the world and its history. So the years continued, with Ember never straying from the path of the temple, but always being tugged by the past. He took up the bagpipes from Azmul, much to the chagrin his templemates, and would often play in the twilight hours after meditation and think deep thoughts. He visited the flaming site of his discovery on a few occasions, but there was no way to douse or pass the flames, and no dwarves or any person he ever spoke to could ever tell him anything about his former home other than rumors – rumors of forbidden rituals and a secretive leader who shut off contact with other dwarves and presumably led his people to their unnatural ruin. Due to his longevity compared to humans, Ember became a skilled practitioner of the monastic arts as he watched his human companions grow old. When his master Marius, the monk he considered to be closest to a father, passed away, he decided it was time to leave. He wanted answers, and knew he had reached the limit of what he would find in those mountains. So he left with his simple possessions and his trusty bagpipes, to learn what he could from the world, help those who are suffering, and perhaps learn something of the events that destroyed his home. Let me know in the comments! Dwarf monk figurine by Mistwalker Foundry on the Shapeways store.

Snow white and the seven dwarfs: analysing the story in Freudian terms. Louise Monks N Jamie O' Connor N Sarah Murphy N

The object was visible with the naked eye for two years, as it flared in the sky repeatedly. Then it went dark. We call that object CK Vulpeculae. Modern astronomers labelled it as a nova – a star that flares brightly as it ejects material. But a new study suggests that CK Vulpeculae is in fact a very rare object; the remnant of a collision between a white dwarf and a brown dwarf. And Anthelme was the first person to see one. Charles Woodward and Robert Gehrz. A white dwarf is the end state of a star like our Sun. Once its fuel is gone, the white dwarf shines due to stored thermal energy. No more fusion takes place. A brown dwarf is also known as a failed star. Another image of CK Vulpeculae. Though initially thought to be a nova, it is now revealed as the collision between a white dwarf and a brown dwarf. In the case of CK Vulpeculae, the two dwarf stars were binary companions that likely orbited each other for billions of years. This binary configuration is normal for stars and astronomers think that most stars start out this way. But binary stars are seldom identical twins, and in this case, the white dwarf was larger; ten times larger. It was a gravitational bully. Eventually, the two stars collided, and the brown dwarf was destroyed. Professor Charles Woodward of the University of Minnesota described it like this: The white dwarf was like the blades at the bottom and the brown dwarf was the edibles. It was shredded, and its remains spun out in two jets – like a jet of goop shooting from the top of your blender as you searched frantically for the lid. A new study identifies CK Vulpeculae as the remnant of a collision between a brown dwarf and a white dwarf. This is the nature of the brightness that Anthelme saw years ago, though he could never have guessed at it. The ejected material is what gives CK Vulpeculae its hourglass shape. In the telescope image, the compact, bright central shape is the white dwarf, and the hourglass is the remnants of the brown dwarf. The object, also known as CK Vul, is still ejecting material to this day. The Evidence for CK Vulpeculae One clue that this is a collision remnant is in the organic molecules like formaldehyde and methyl alcohol that are present in the hourglass. Those molecules could never have survived in the interiors of a star and must have been produced in the collision. The amount of dust in the debris is another clue. The dust amounted to about one percent the mass of the Sun, which is much too high for a nova. What will future generations think of our attempts to understand what we see in the sky today? Though our instruments are much more powerful, and our knowledge much more detailed, we still face a horizon beyond which we are ignorant.

Chapter 6 : My First Ever D&D: Building a Dwarf Monk

"The white dwarf was like the blades at the bottom and the brown dwarf was the edibles. It was shredded, and its remains spun out in two jets - like a jet of goop shooting from the top of your.

The Fatal Secret Jesus took to Jerusalem And if the great forest was the cosmos, then this house in the forest must be one of the twelve houses of the zodiac constellations. And if the seven dwarf-planets were all in one zodiacal house, then this represents a rare conjunction of Selene-Moon and all the planets within a small quadrant of the heavens. And since Venus-Aphrodite was one of the seven dwarf-planets, then this rare conjunction with the Moon must have taken place in the morning or evening, because Venus is the morning or evening star. And if Selene-Moon had joined the planets in a dawn or dusk conjunction then the Snow White goddess must have been waning, as she always does when she approaches Helios the Sun. And this is exactly what the fairytale of Snow White says. The evil queen, Nut the Milky Way, looked into her Mediterranean mirror and saw that Snow White Selene was still alive - the great huntsman Orion-Hercules had deceived her. So Nut dressed as a peddler and sold Selene a beautiful lace corset, which she did up so tightly that Snow White Selene grew pale and fainted. And this is exactly what happens in the heavens above. When Selene the Moon approaches a conjunction with Venus and the other six planets in this particular case , by the very nature of the planetary orbits she is waning and her waist is getting thinner and thinner as each day passes. It is almost as if someone is tightening a corset around her waist, until Snow White Selene becomes just a thin sliver of her former self. When Snow White Selene Moon approaches the Sun she gets thinner and paler, as if someone had pulled a corset tightly around her waist and made her faint. And within a few more days she did indeed die, turning from her usual brilliant Snow White radiance into a black and lifeless husk. The Snow White princess-goddess was dead and a great sorrow fell upon the seven dwarf planets, who adored her and followed her in long line in the night sky. But the evil Nut Milky Way was jubilant, because with Selene-Moon now black and lifeless, she was once again the most radiant goddess in the heavens above. And her Mediterranean mirror confirmed this, because everywhere she looked in her great watery mirror the only reflection she could see was of herself. The seven faithful dwarf-planets all follow each other in a long line behind Snow White Selene Moon, as they orbit the Earth. Public Domain Death of The Moon Despite the gloom that now pervaded the heavens help was at hand, because a planetary conjunction involving Venus and Selene-Moon has to be at dawn or dusk. And so Selene-Moon was a New Moon at this time, she was dark and lifeless as if entombed in a crystal casket and lost from this world. But a dawn or dusk conjunction must be adjacent to Helios the Sun, the prince or king of the heavens, and when the handsome Prince Helios looked down upon the dark and lifeless Selene-Moon, he thought she was the most beautiful princess in the heavens. And so as Helios-Sun approached Selene-Moon he kissed her lifeless body. And then, being conveniently the exact same apparent size, they formed a cosmic diamond marriage ring in the heavens above as they consummated their love for one another. Two celestial bodies merging in flagrante delicto. A marriage made in heaven. As above, so below. Helios-Sun first kisses Selene-Moon to awaken her. Then he gives her a diamond ring and they consummate their marriage. The prince and princess of the heavens in flagrante delicto in the heavens above. Her corset was slackened, her image began to swell again, and the newly pregnant Snow White Selene once more became the most radiant princess-goddess in the night sky. And so when Nut Milky Way looked down upon her Mediterranean mirror once again, she was aghast to see Snow White Selene alive and radiant once more. Snow White shone in all her radiant glory, while Nut could only manage a ghostly glimmer in comparison. All the scheming and plotting had been for nothing because the celestial royal couple, Helios and Selene, reigned supreme once more. The fairytale of Snow White was actually a story of a cosmic wedding between the Sun and the Moon. And the reason why this story was deemed to be heretical, was that it also told the story of the biblical royal family. And since the biblical royal family were descended from Queen Cleopatra, as is explained in Cleopatra to Christ , later Renaissance artists closely identified both Mary the Virgin and Mary Magdalene with Selene, standing upon the Moon and wearing a halo of stars. Mary as the goddess Selene, with the Moon beneath her feet and the twelve stars of the constellations around her head.

This image is from the Mary Magdalene church in Gornji Grad, Slovenia, which indicates that the famous imagery from Revelations Although this Mary wears the blue and white robes of Mary the Virgin, rather than the green and gold of Mary Magdalene, the church is dedicated to the Magdalene. While Jesus was seen as an incarnation of Helios, the Sun of God sic. And this assertion is confirmed by the imagery on the Lady Mary zodiac at Beit Shean, a sixth century monastery just south of the Sea of Galilee. Here we see what can only be Jesus and Mary surrounded by the twelve disciple-constellations of the zodiac, who are depicted here as calendrical months of the year. But the layout of the Beit Shean mosaic is clearly astrological, as it is almost exactly the same as the Hamat Teverya zodiac which lies a few kilometers to the north at Tiberias. Snow White Mary and her Prince Charming Jesus consummating their love for each other - as above, so below. The calendrical zodiac depicts Jesus and Mary at the center of the twelve constellations, which are marked here as disciple-months.

Chapter 7 : White dwarf - Wikipedia

The monk witnessed the explosive merger of white and brown dwarf stars-the first ever identified. The work, led by astrophysicists at Keele University (England), is published in the Monthly Notices of the Royal Astronomical Society.

Chapter 8 : Researchers discover new type of stellar collision | EurekAlert! Science News

The presence of lithium, together with unusual isotopic ratios of the elements C, N, O, indicate that an (astronomically!) small amount of material, in the form of a brown dwarf star, crashed onto the surface of a white dwarf in , leading to thermonuclear 'burning', an eruption that led to the brightening seen by the Carthusian monk.

Chapter 9 : Snow White and the Seven Monks: A Fanciful Lesson in Humility

"The white dwarf would have been about 10 times more massive than the brown dwarf, so as the brown dwarf spiralled into the white dwarf it would have been ripped apart by the intense tidal forces.