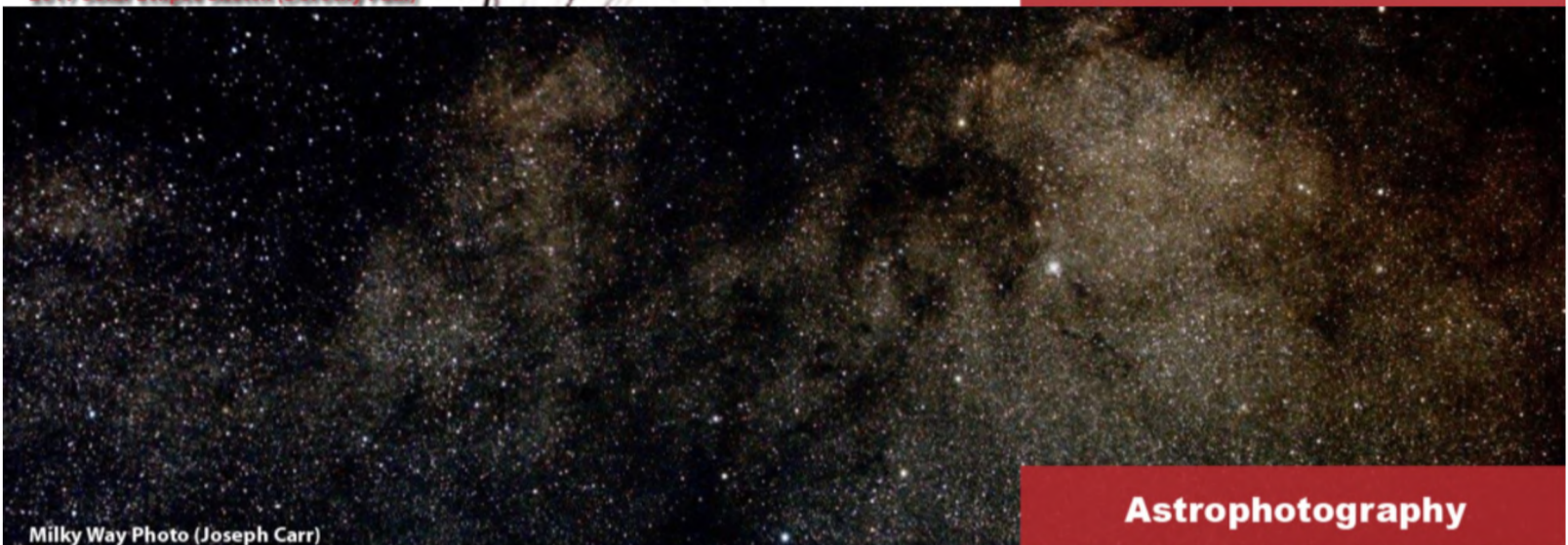


# Imagining the Skies Contest



2017 Solar Eclipse Sketch (Dorothy Paul)

Sketching



Milky Way Photo (Joseph Carr)

Astrophotography



Observing the Sun (Sherry Buttner)

Outreach



Quilt: by Wendy McDonald (photo by John McDonald)

Creative Arts

## Conjunktion (Orion Nebula)



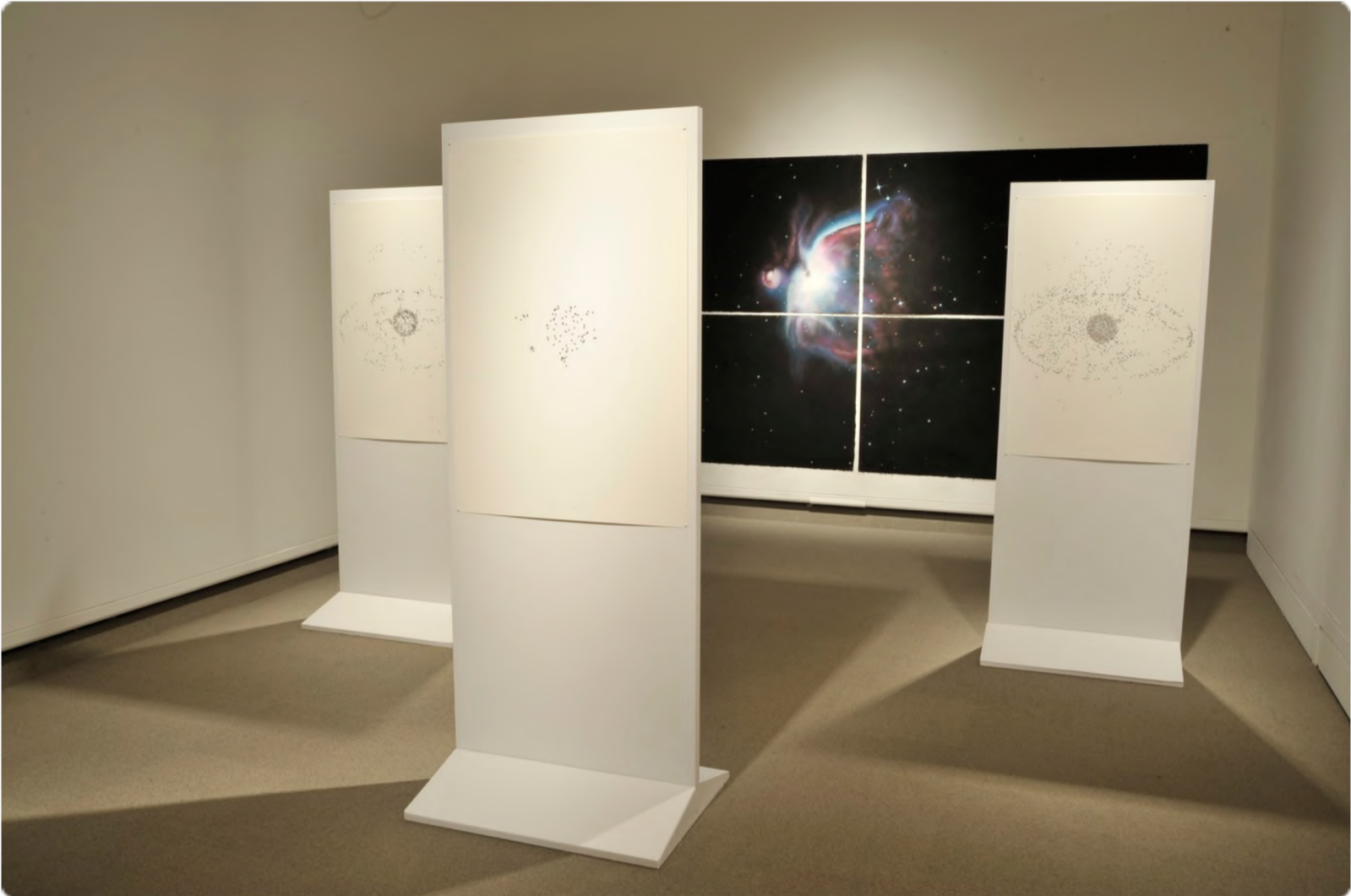
by LAURA EGLER

Category: Novice (less than 1 year of experience)

18 views

Additional Photos: I drew this image of the Orion Nebula in 2010 on white BFK paper, using black charcoal and coloured pastels. The dimensions of this drawing consist of four-panels measuring 7 feet wide by 3.5 feet high (each). This was my first large-scale drawing, and my first installation into a local art gallery (MacKenzie Art Gallery). This drawing was installed among my other drawings representing space-debris from 1950 to present day. I call this entire work "Conjunktion" because the work is conceptually about human exploitation of the natural world through technology.

## Conjunktion (Orion Nebula)



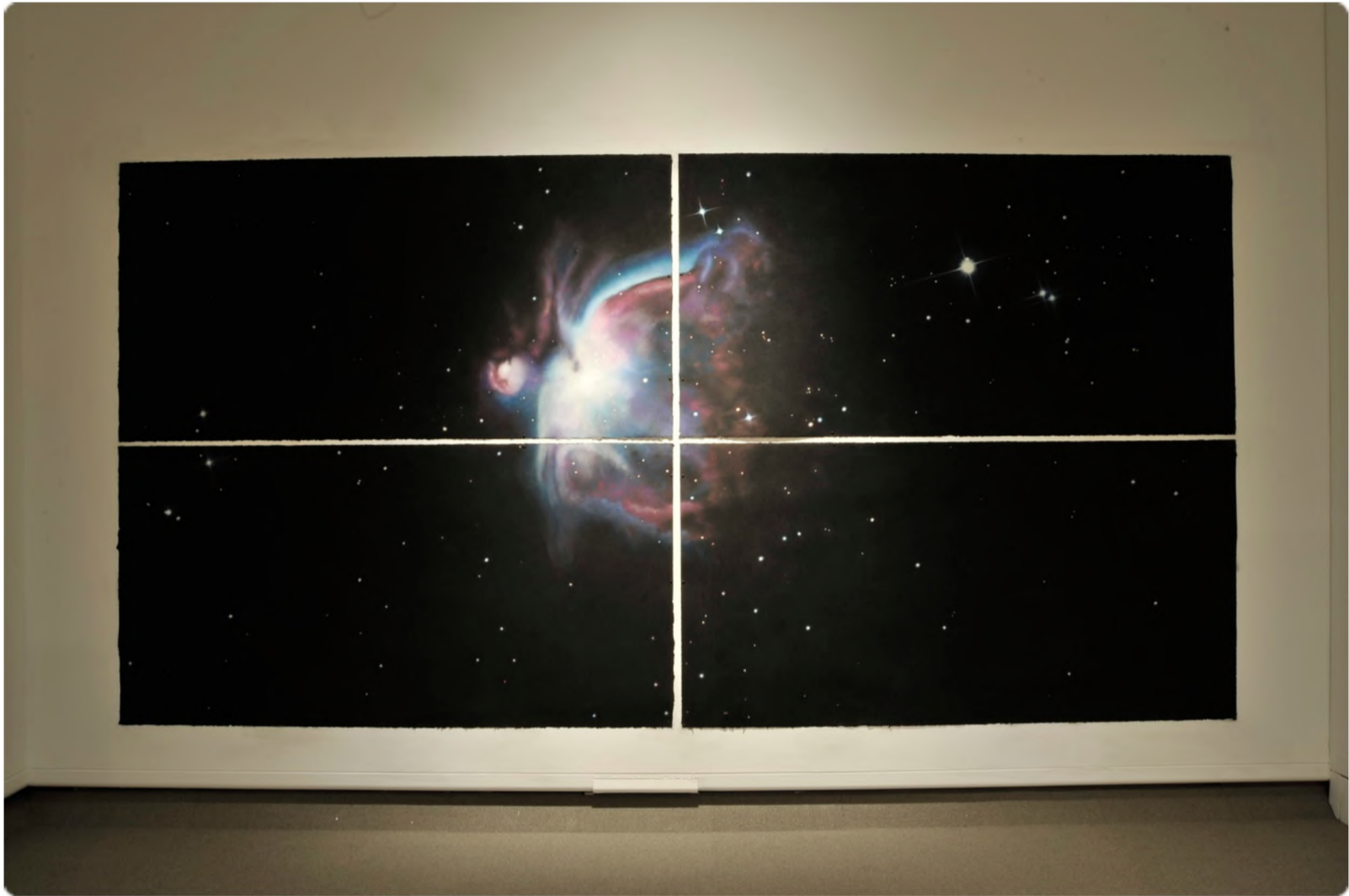
by LAURA EGLER

Category: Novice (less than 1 year of experience)

20 views

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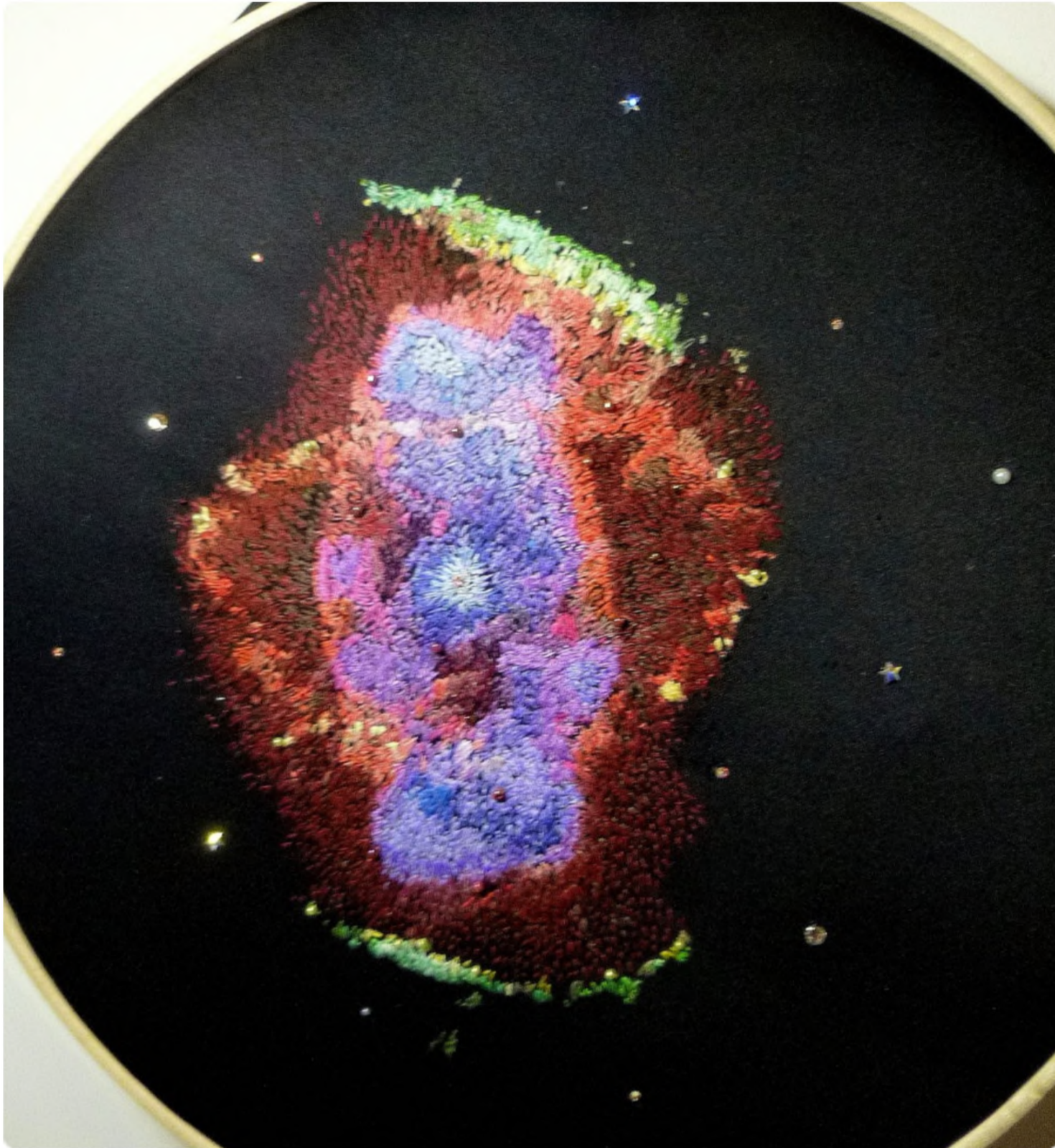
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Category: Novice (less than 1 year of experience)

37 views

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## Cat's Eye Nebula free form embroidery



by DEB CRAWFORD

Category: Novice (less than 1 year of experience)

38 views / 1 like

## Butterfly Nebula free form embroidery



by DEB CRAWFORD

Category: Novice (less than 1 year of experience)

44 views / 4 likes

## A Cool, Cool Full Moon



Began sketching this at the eyepiece for the April 29, 2018 full moon but quickly became clouded out. Finished the majority of this sketch looking at a picture I had taken of a past full moon. Used black and white charcoal pencil on black paper. Been using this medium for only a few weeks now. As seen through a C114/900mm telescope at 36x magnification.

by JASON WOROBEK

Category: Novice (less than 1 year of experience)

177 views / 8 likes

## TRAPPIST-1 Light and Sound Model: Singing to Survive



by VIKASNATH

Category: Novice (less than 1 year of experience)

175 views / 13 likes

TRAPPIST-1 is a planetary system, located 39 light years away within the constellation of Aquarius. The parent star is an ultra-cool red dwarf star only slightly larger than Jupiter, and there are at least seven planets in orbit. Planets have sizes and masses comparable to the Earth and Venus. We learnt from University of Toronto Astronomer cum Musician Matt Russo that these planets are in harmonic resonance, ie. if their orbital period could be speeded up, they would produce good music. Check out Matt and his team's amazing musical rendering of the orbits of these planets and the planetarium shows at Systems Sound. Inspired by their work and the music files they shared with us, we decided to create a physical rendering of the Trappist-1's Musical System: where the motion of the planets would be controlled by the music they generate and they would all synchronize for a grand finale! This would require making, learning musical notes, coding of midi files, Arduino, relays, led lights and lot more: a very challenging project. So we had to do it! It took us over 3 weeks to build this project. We had to use our collective skills of measuring, hammering, wiring, coding, music, Arduino, python and using music synthesising software, and obviously physics! More information at: <https://hotpoprobot.com/2018/02/18/our-trappist-1-model-lights-music-and-science/>



## Lagoon Nebula in Felt Art



This is a felt art interpretation of the Lagoon Nebula located in the constellation Sagittarius based on a visible light image by the Hubble Space Telescope.

by HELEN RAMSAY

Category: Intermediate (1 to 5 years experience)

109 views / 25 likes

## Stellar Jewels



by TRINLEY DORJE

Category: Intermediate (1 to 5 years experience)

262 views / 88 likes

Stellar Jewels started as a pencil sketch which I finished using digital painting methods. Its final display medium is on metallic paper, face-mounted to acrylic panel. It is 24" W x 14" H. It was inspired by my love of anatomy and space. It depicts a human torso hidden within the stellar landscape. Can you spot the anatomy?

## We Are Stardust 3.0



by TRINLEY DORJE

Category: Intermediate (1 to 5 years experience)

197 views / 85 likes

We Are Stardust 3.0, is the third in a series of artworks. Each artwork in this series started as a basic pencil sketch which I finished using digital painting methods. The final display method is on metallic paper, face-mounted to acrylic panel. The "We Are Stardust" Series was inspired by my work with the cardiovascular (CV) surgery population and my interest in the impact long-term space habitation may have on our CV health. It depicts thoracic anatomy with a cosmic perspective. The following questions are the foundation of this artwork:

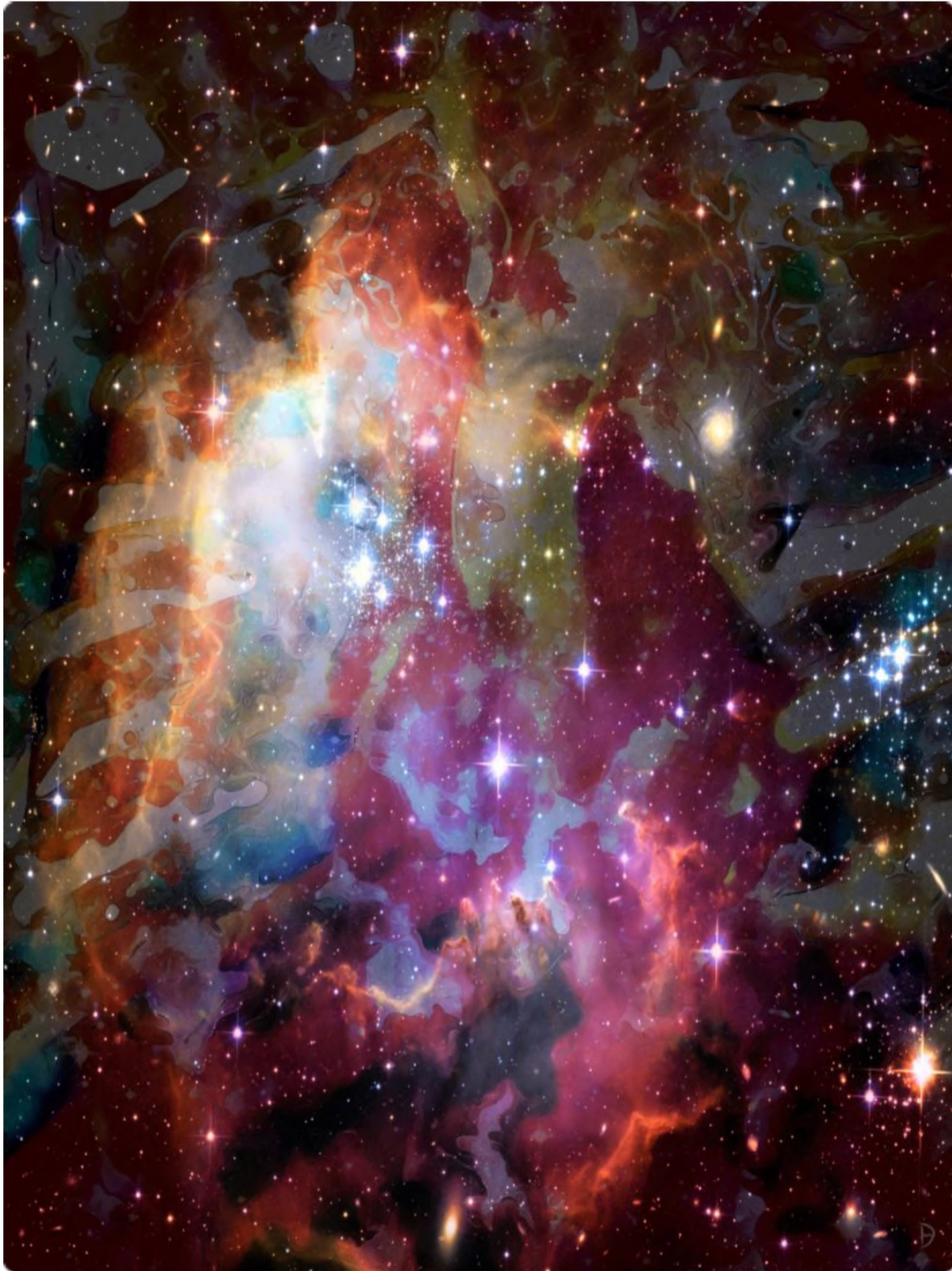
1. How will human biology adapt to spaceflight?
2. Which fundamental ways do human biological systems use gravity to regulate and sustain their growth, metabolize, develop and how will these systems adapt/evolve in a microgravity environment?
3. How will these systems repair damage and protect themselves from infection and disease?

For astronauts' CV health, there are several reasons why stressors that impact CV health on Earth, will be amplified in space, these include:

1. Changes in gravitational forces.
2. Changes in arterial blood pressure
3. Alterations in physical activity patterns.
4. Social/mental health factors associated with confinement and isolation.

These unique alterations to the daily living of astronauts, may further impact the structural and functional properties of the vascular system leading to poor cardiovascular health.

## We Are Stardust 2.0



by TRINLEY DORJE

Category: Intermediate (1 to 5 years experience)

254 views / 100 likes

We Are Stardust 2.0, is the second in a series of artworks. Each artwork in this series started as a basic pencil sketch which I finished using digital painting methods. The final display method is on metallic paper, face-mounted to acrylic panel. The "We Are Stardust" Series was inspired by my work with the cardiovascular (CV) surgery population and my interest in the impact long-term space habitation may have on our CV health. It depicts thoracic anatomy with a cosmic perspective. The following questions are the foundation of this artwork:

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## We Are Stardust 1.0



by TRINLEY DORJE

Category: Intermediate (1 to 5 years experience)

433 views / 127 likes

We Are Stardust 1.0 Is the first in a series of artworks. Each artwork started as a basic pencil sketch which I finished using digital painting methods. The final display method is on metallic paper, face-mounted to acrylic panel. The "We Are Stardust" Series was inspired by my work with the cardiovascular (CV) surgery population and my interest in the impact long-term space habitation may have on our CV health. It depicts thoracic anatomy with a cosmic perspective. The following questions are the foundation of this artwork:

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## Super Moon through the trees



by SYLVIE GIONET

Category: Intermediate (1 to 5 years experience)

98 views

Collage of Full moons through the trees and one Full moon image Ioptron Cem25tm Goto Equatorial mount Vixen astronomical telescope.

## Blood of the Hunter



An acrylic painting I made inspired by the amazing photograph "Orion Head to Toes." Orion has captured my imagination for years, and when I saw Rogelio Bernal Andreo's deep photo revealing Barnard's Loop hiding behind Orion, I was awestruck. What other beautiful sights are hidden in the skies by time and distance, I wonder?

by SHAYLENE HINSKENS

Category: Intermediate (1 to 5 years experience)

121 views / 8 likes

## I Have Seen the Wind



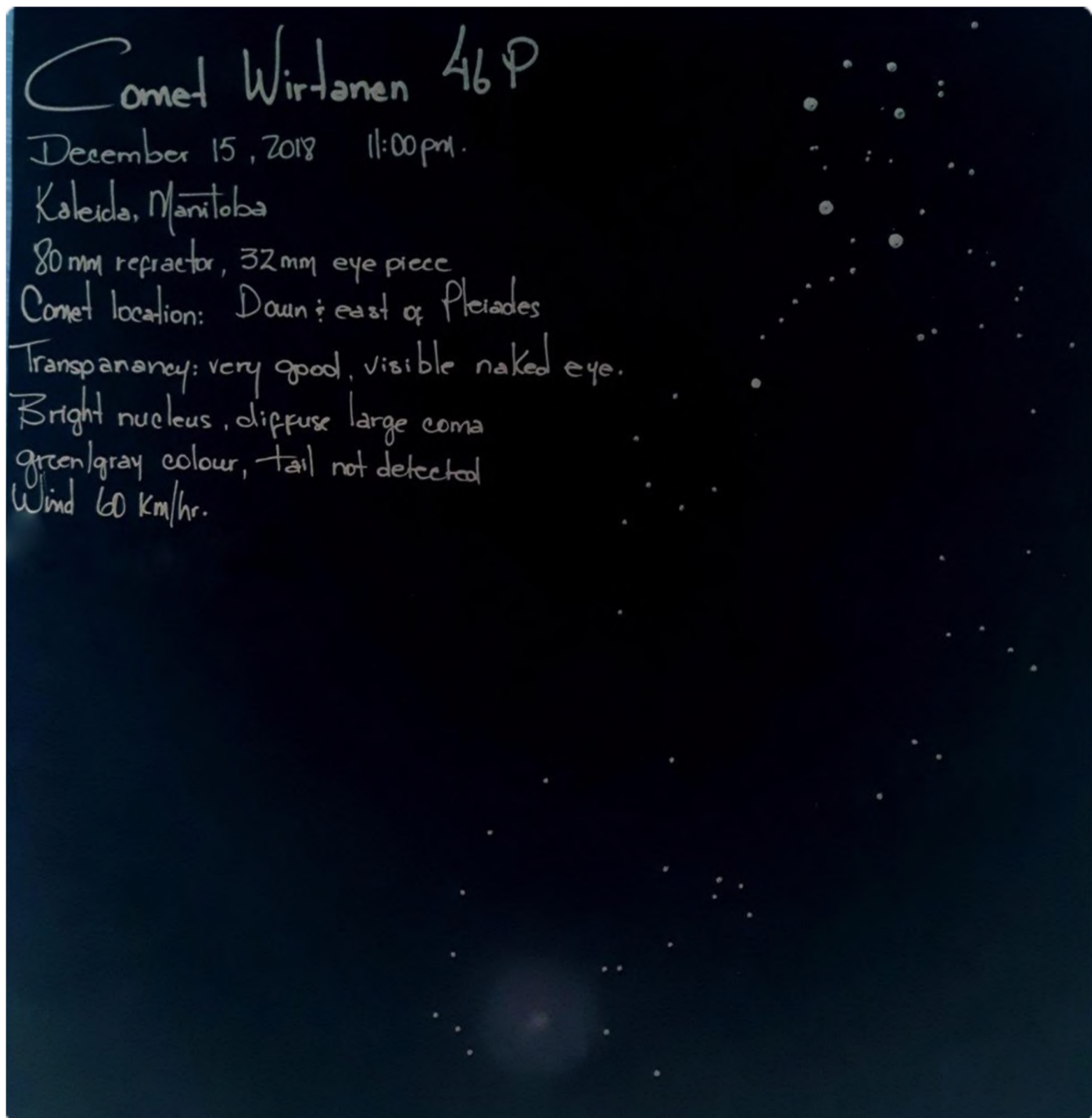
by WARREN FINLAY

Category: Experienced (more than 5 years experience)

14 views

Shot on the prairie, with a nod to W. O. Mitchell's book "Who Has Seen the Wind." Both the solar wind and a breezy regular wind were blowing the night this was taken. This image is a composite of two individual images.

## In the neighbourhood



by SILVIA GRACA

Category: Experienced (more than 5 years experience)

27 views

## Female Observer



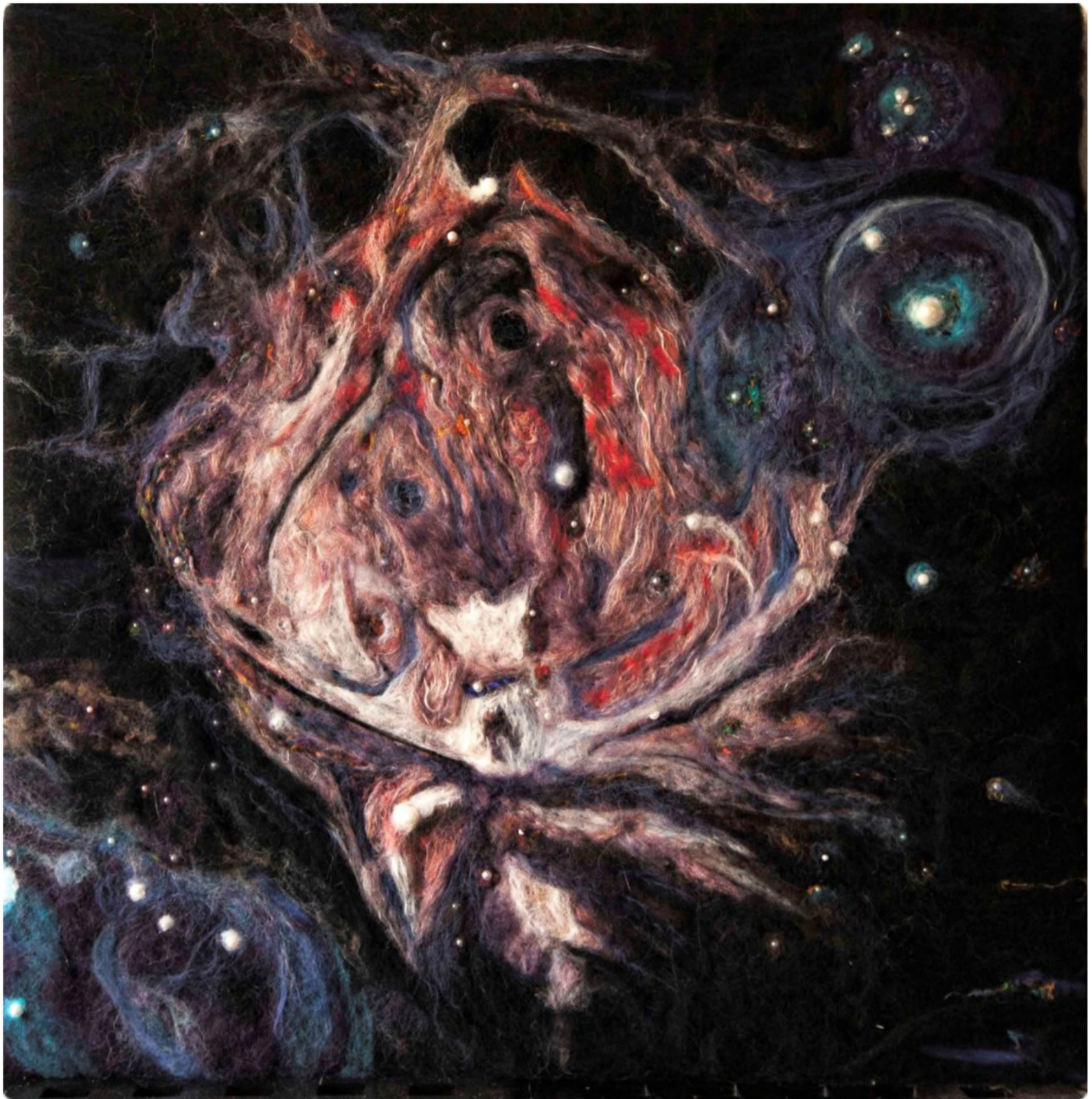
This work, using fragile Japanese papers, thread, embroidery and a scientific drawing underlines the vulnerability I feel as a female observer out in the field observing the night sky alone. Typically I rely on male friends to accompany me in the dark or my spouse who is not a night sky observer due to vision issues. I know that some male observers can also feel vulnerable alone in the field at night due to predators - some even carry weapons to discourage dangerous animals. But what if the predator is not a dangerous animal? This work was created in 2014.

by JHTULLOCH

Category: Experienced (more than 5 years experience)

34 views / 1 like

## Orion nebula



by JHTULLOCH

Category: Experienced (more than 5 years experience)

42 views / 6 likes

This needle felted representation of the Orion nebula is an homage to the nebula and constellation that appear in our backyard sky every fall and winter. Whenever friends and family are over on a clear night, I always get out the good binoculars for them to have a look. Needless to say, they are amazed that they can see a star nursery so close to home. This needle felted work of art was created on a fabric background and is 20" x 20" stretched over a wooden frame. I like how stretched wool fibres represent the various gases emitted by the young stars of the nebula. Polished pearl-like beads were added to represent formed stars. (2015)

## Apollo 8 Earthrise Redux



by JHTULLOCH

Category: Experienced (more than 5 years experience)

52 views / 2 likes



The word "redux" means brought back or revived. I felt it necessary to bring back this iconic image taken on December 24, 1968, by astronaut William Anders for a few reasons. One, we live in turbulent times and the people of the Earth are divided by what seem to be unconquerable forces: poverty, hatred, fear, distrust, avarice, selfishness. This image is one of hope - that some day, we will all practice the antidotes to these forces and discover that we have more in common than not. Second, this image reminds us that we are all stewards of this precious planet - our only home - and must care for it. Third, in order to emphasize the importance of our planet and its moon, I realized something was missing from this image - all the flotsam and jetsam of our immediate universe! So, I added some constellations, meteors, particle dust and other as yet "undiscovered" elements to update and remind us of this image's importance. This is a work of fibre art, 36" x 24" needle-felted, stitched and embroidered on artist's canvas and stretched over a frame. It took me about eight months to complete (2015-2016).

## Twilight of the Gods



by JHTULLOCH

Category: Experienced (more than 5 years experience)

58 views / 4 likes

Can you see a face in the dark clouds? Perhaps! This is a 6" x 12" work of fibre art made through the wet felting process and then lightly needle-felted before hand and machine stitched and stretched on a canvas. Small micro beads were added to create the effect of stars. The image is of twilight - my favourite time of day when the first stars and planets appear and the sky's palette is a mixture of blues, purples and whites. As many of the names of planets are associated with Roman gods - as a historian - I like to give them their due - hence their inclusion in the title of this work. This piece was created in November, 2018.

## Mount Andromeda Meets the Milky Way



by MARY LOU WHITEHORNE

Category: Experienced (more than 5 years experience)

29 views / 3 likes

Original acrylic painting on gallery canvas, 12 X 18 inches © M.L. Whitehorne

## August Aurora with Surprise Guest: Perseid



by TOM BURBEE

Category: Experienced (more than 5 years experience)

132 views / 33 likes

This is a composite image of about 6 photos of the Aurora a week after the peak of the Perseid Meteor Shower. Even a week after the peak I managed to get a Perseid, the Big Dipper and Aurora!

## Mountain Camping



by TOM BURBEE

Category: Experienced (more than 5 years experience)

87 views / 25 likes

The night of the Perseid Meteor shower, camping on the top of a mountain to watch the spectacular show! With Mars and the Milky Way on full display it was a night to remember.

## Modern Observing



by CHRIS GAINOR

Category: Experienced (more than 5 years experience)

28 views / 1 like

Yukon Centre member Peter Von Gaza at Northern Nights Festival, Kluane National Park, 21-22 September 2018

## Perijove 9



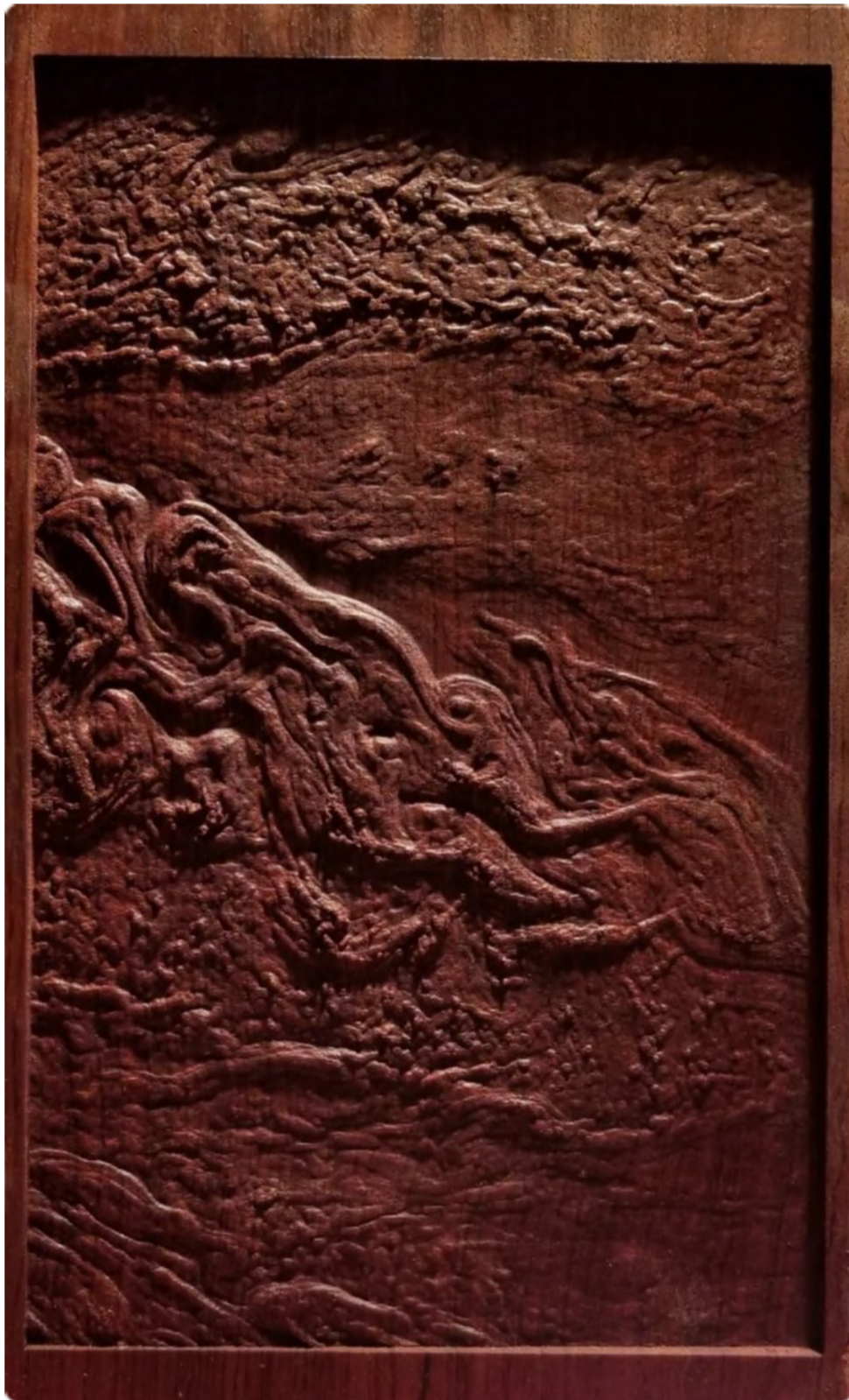
by JAMES S EDGAR

Category: Experienced (more than 5 years experience)

31 views / 2 likes

This image of Jupiter's cloudtops captured by the Juno spacecraft looks great in African Coralwood.

## Perijove 10



Another of Jupiter's cloudtops, taken during Perijove 10 by the Juno spacecraft, captures in African Rosewood.

by JAMES S EDGAR

Category: Experienced (more than 5 years experience)

88 views / 4 likes



## M51 in Oak



by JAMES S EDGAR

Category: Experienced (more than 5 years experience)

46 views / 5 likes

This is my rendition of a recently captured image of the Whirlpool Galaxy, M51.

## Eileen McGann: Randy's Moon in Ucluelet



by RANDY ENKIN

Category: Experienced (more than 5 years experience)

606 views / 114 likes

I commissioned folk-singer and artist Eileen McGann to paint me the moon. I'm overwhelmed with her work.

## Whimsical Star Sisters



by DIANE BELL

Category: Experienced (more than 5 years experience)

96 views / 9 likes

"Whimsical Star Sisters," my quilt, depicts the Pleiades, or Messier 45. The inspiration for the blocks comes from Judy Mathieson's book "Mariner's Compass - An American Quilt Classic." It is hand-pieced and hand-quilted.

## Total Solar Eclipse in Walnut



by JAMES S EDGAR

Category: Experienced (more than 5 years experience)

198 views / 12 likes

Another of Miloslav Druckmüller's solar eclipse images done on my digital carver. This one has well-defined polar coronae.

## Saturn's Rings



by JAMES S EDGAR

Category: Experienced (more than 5 years experience)

180 views / 6 likes

From a Cassini image taken in 2015, the rings of Saturn carved in walnut. I was amazed that the digital carver picked up details that weren't obvious in the photo, like the spiral nature of the F Ring, the detail in the ring structure, and the wee moonlet Pan in the Encke gap.

## Total Eclipse in Wood



by JAMES S EDGAR

Category: Experienced (more than 5 years experience)

178 views / 6 likes

In 2017, I asked (and received) permission of Miloslav Druckmüller to use his eclipse images on my digital carver. This is the first one I tried, showing his creative touch overlaying the Moon's craters in front of the eclipsed Sun. The wood is walnut, which adds an extra dimension to the result.

## Waxing Crescent Moon in African Coralwood



by JAMES S EDGAR

Category: Experienced (more than 5 years experience)

252 views / 12 likes

Using the image I obtained through my telescope in 2010, I carved it in African coralwood on my CNC digital carver. The machine interprets dark as deep and light as shallow, thus the limb being whitest is also shallowest.

## Red Nebula



A digital illustration of a red nebula in space I created on my computer.

by SHERRY CAMPBELL

Category: Experienced (more than 5 years experience)

109 views / 4 likes



## Trio Nebula



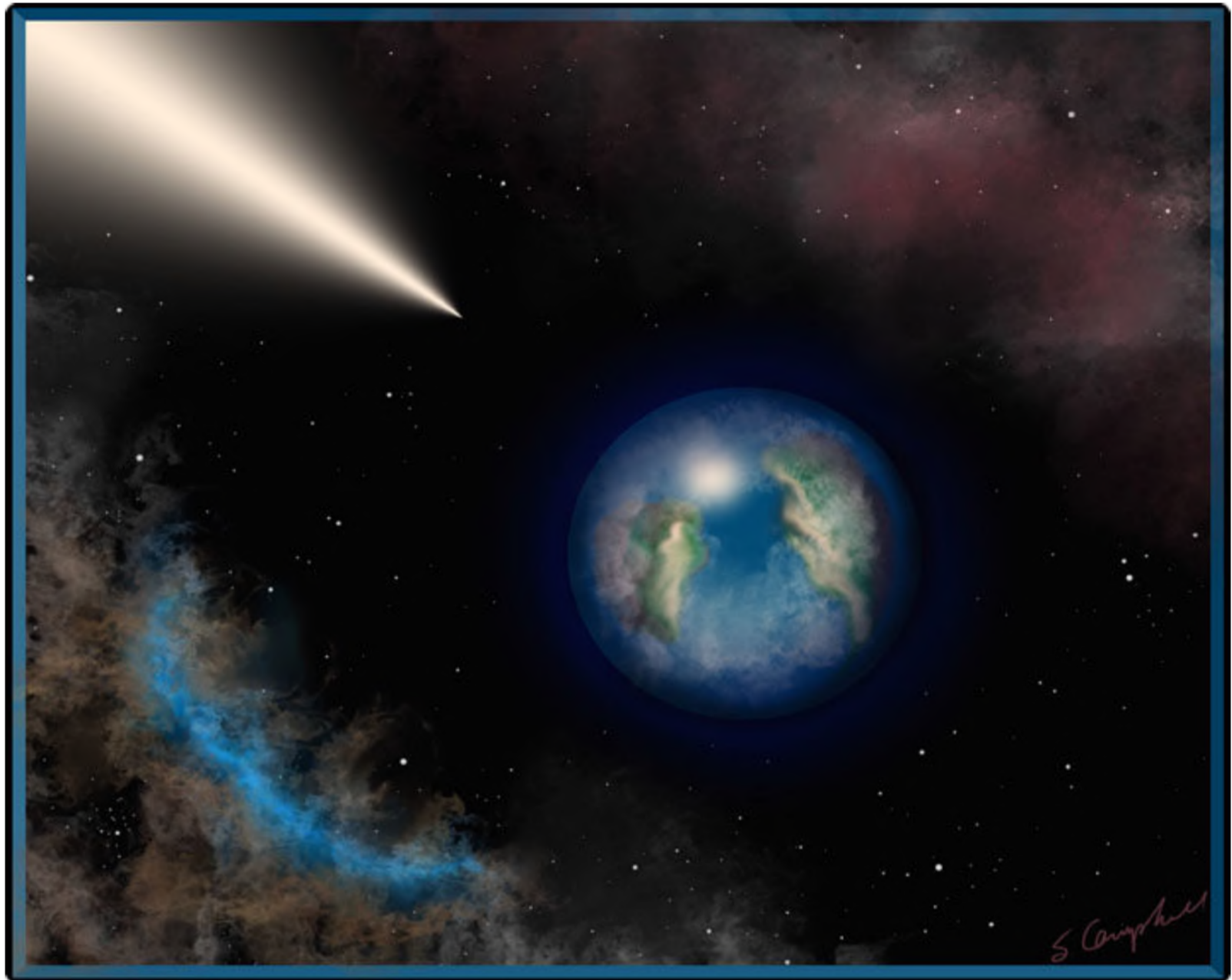
A digital illustration of a tri-colour nebula that I created on my computer using a graphics program. The original illustration is bookmark sized.

by SHERRY CAMPBELL

Category: Experienced (more than 5 years experience)

93 views / 4 likes

## Space Vista



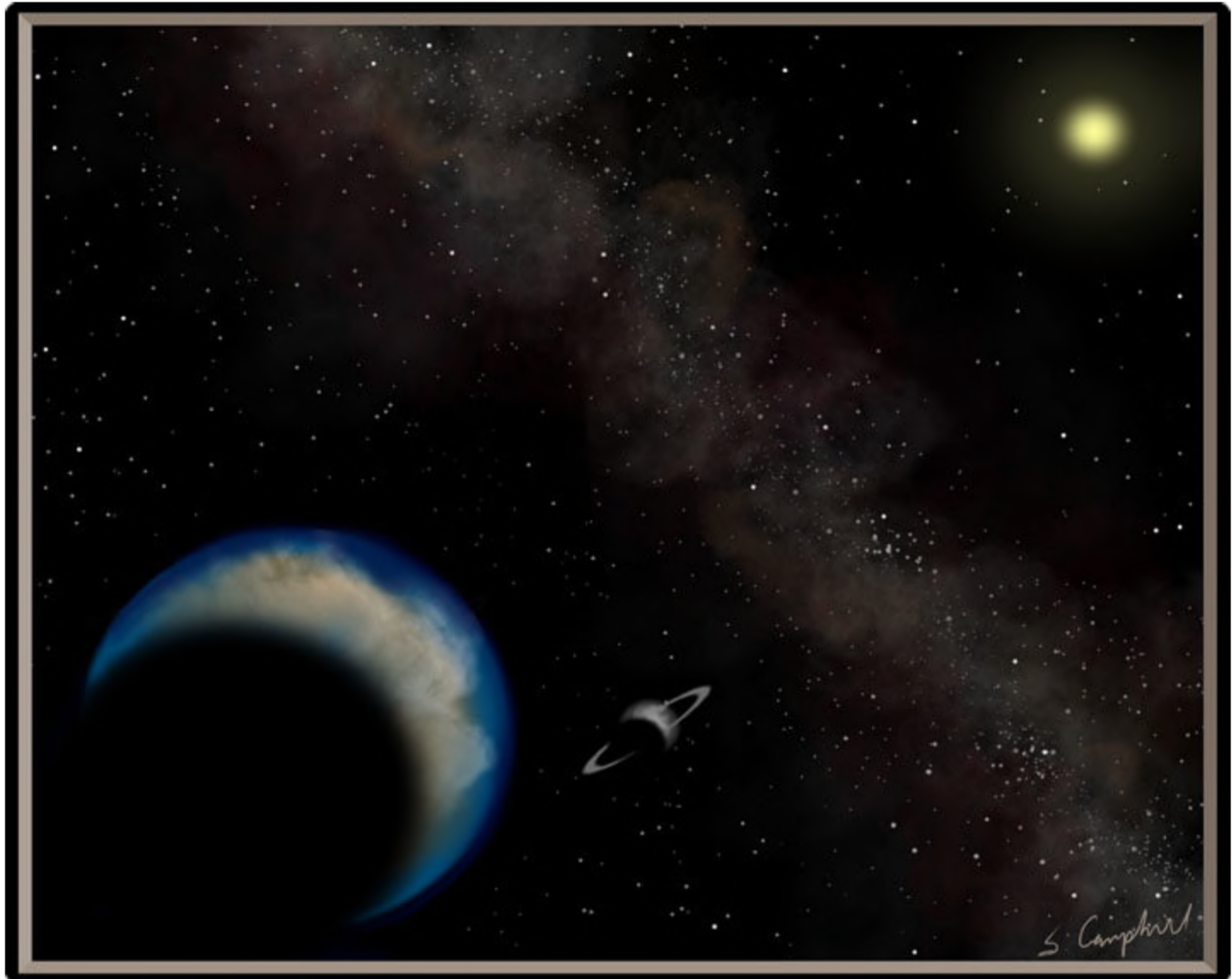
by SHERRY CAMPBELL

Category: Experienced (more than 5 years experience)

74 views / 2 likes

An illustration of a comet ready to orbit a planet which resides in nebula.

## Cosmic



by SHERRY CAMPBELL

Category: Experienced (more than 5 years experience)

102 views / 3 likes

All illustration depicting a planet and ringed moon orbiting a star.

## Constellation Cloth



by DIANE BELL

Category: Experienced (more than 5 years experience)

113 views / 6 likes

This constellation map was produced on a 90" by 90" black tablecloth. I made the lines of the constellations with glow-in-the-dark fabric paint and dotted the stars with the same paint. A great educational tool for kids and star parties!