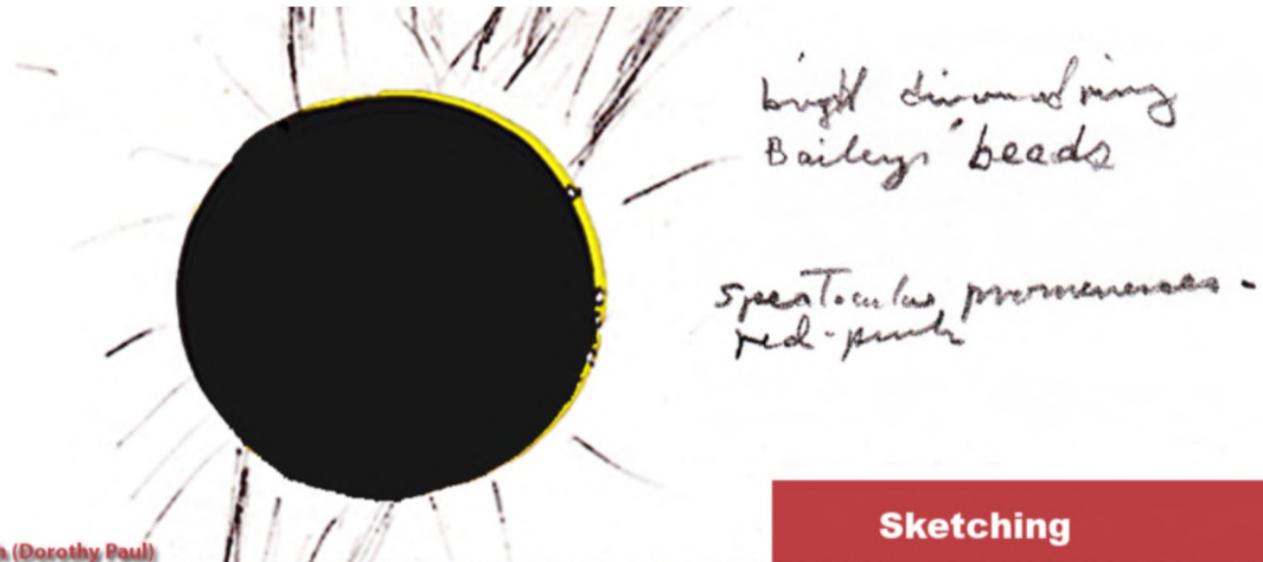


# Imagining the Skies Contest



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**

## Comet 21P/Giacobini-Zinner



by STEPHEN CRAIG

Category: Intermediate (1 to 5 years experience)

14 views

5 minute exposure guided on the comet.

## The Wall



by PAUL OWEN

Category: Intermediate (1 to 5 years experience)

18 views

## NGC 6960



by STEPHEN CRAIG

Category: Intermediate (1 to 5 years experience)

11 views

The western portion of the Veil Nebula. 4 x 20-minute exposures. Two-image mosaic.

## NGC 7635



by STEPHEN CRAIG

Category: Intermediate (1 to 5 years experience)

10 views

The Bubble Nebula. 5 x 20-minute exposures.

## Messier 33



by STEPHEN CRAIG

Category: Intermediate (1 to 5 years experience)

10 views

The Triangulum Galaxy. 5 x 10-minute exposures.

## IC 5246



by STEPHEN CRAIG

Category: Intermediate (1 to 5 years experience)

10 views

The Cocoon Nebula. 5 x 20-minute exposures.

## Messier 27



by STEPHEN CRAIG

Category: Intermediate (1 to 5 years experience)

14 views

The Dumbbell Nebula. 5 x 10-minute exposures.

## Messier 1



by STEPHEN CRAIG

Category: Intermediate (1 to 5 years experience)

13 views

The Crab Nebula. 8 x 10-minute exposures.

## Copernicus



by DAVID HOSKIN

Category: Intermediate (1 to 5 years experience)

21 views

Lunar impact crater with terraced inner wall located in eastern Oceanus Procellarum.

## Comet 21P



by DAVID HOSKIN

Category: Intermediate (1 to 5 years experience)

24 views

## Messier 1, the Crab Nebula



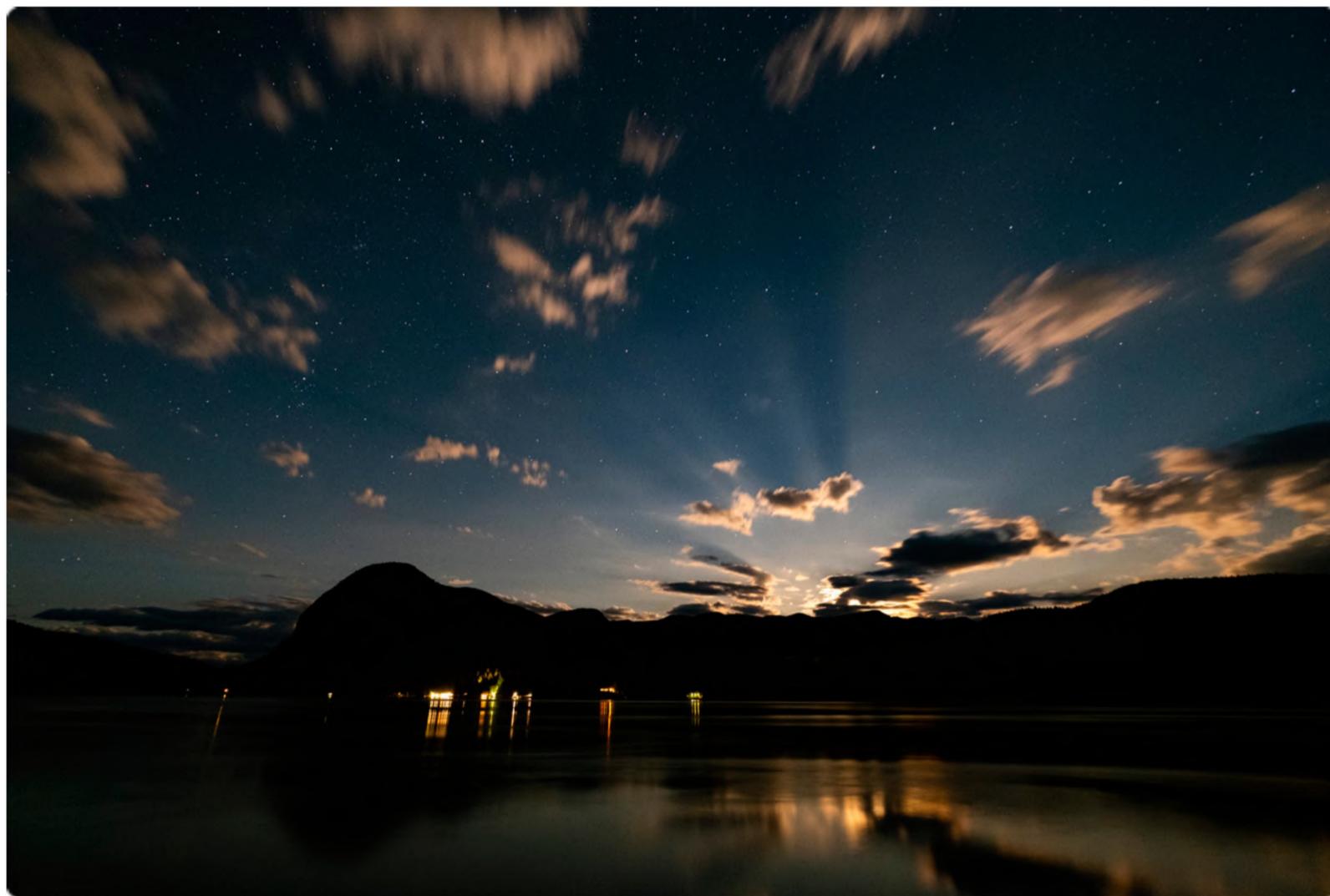
by DAVID HOSKIN

Category: Intermediate (1 to 5 years experience)

22 views

Remnant from the supernova that appeared in A.D. 1054.

## Moon Beams



by TIMKIPIIMAGING

Category: Intermediate (1 to 5 years experience)

24 views / 3 likes

The rays waning gibbous Moon hint at the rising moon that will soon wash out the stars in the sky over British Columbia's Discovery Islands chain.

## Side Show



by TIMKIPIIMAGING

Category: Intermediate (1 to 5 years experience)

23 views / 1 like

As I was photographing Comet 21P/Giacobini-Zinner the northern sky popped up with a brief aurora display with a veiled cloud bank separating the aurora from the star field.

## Sunrise, Moonset



by TIMKIPIIMAGING

Category: Intermediate (1 to 5 years experience)

22 views / 4 likes

The January 31, 2018 Full Moon is coming out of total eclipse as the sunrise waves over a Saskatchewan landscape.

## Lunar Eclipse over Borden Bridge



by TIMKIPIIMAGING

Category: Intermediate (1 to 5 years experience)

34 views / 3 likes

Taken January 31, 2018.

## A Green Visitor from Beyond Jupiter



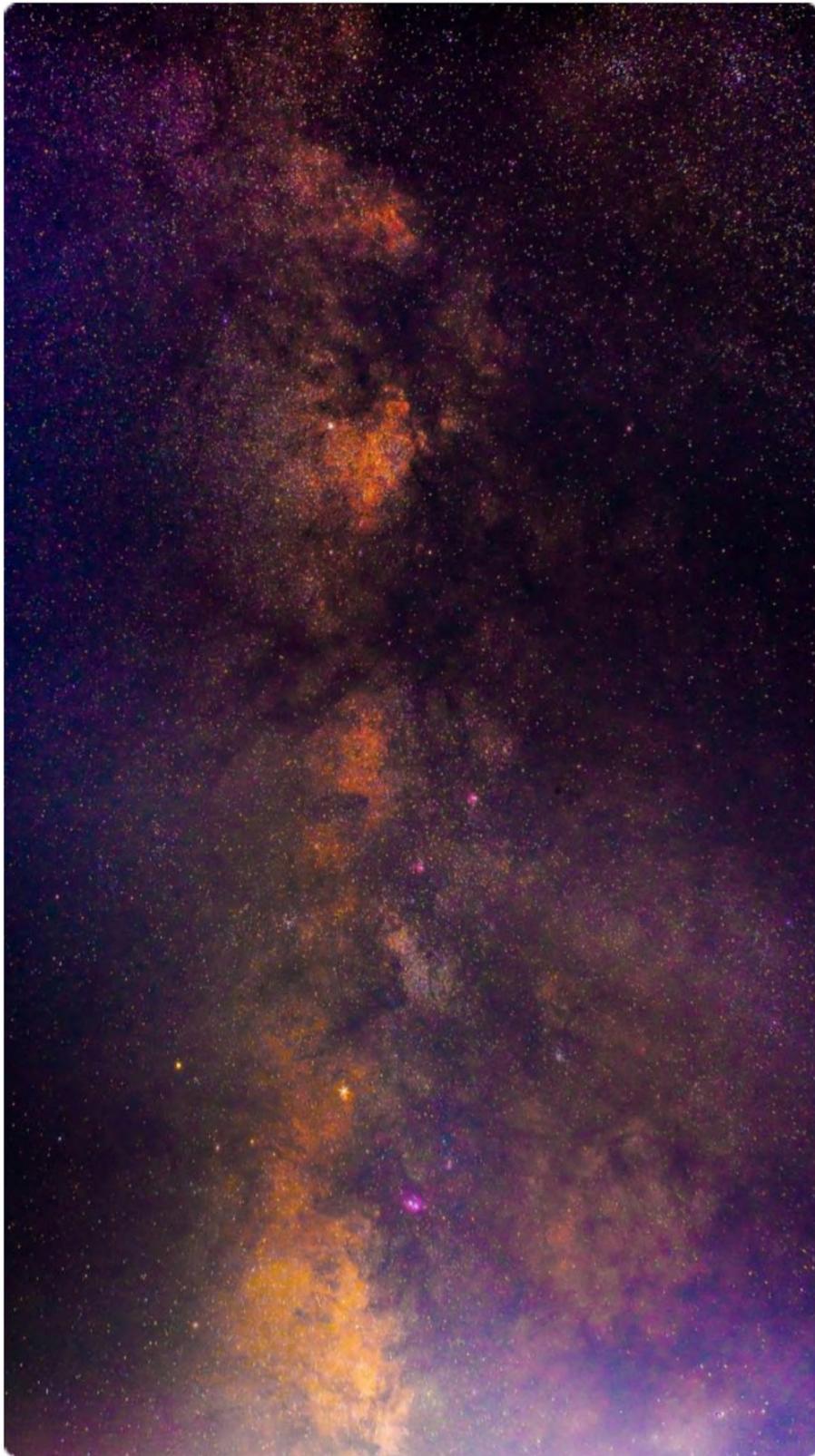
by STEPHAN HAMEL

Category: Intermediate (1 to 5 years experience)

280 views / 54 likes

Comet 21P/Giacobini-Zinner is around (September 2018) for one of its best visit in the inner solar system in 72 years. This comet visits the inner solar system every 6.5 years before going back beyond the planet Jupiter. It was discovered in 1900 by Michel Giacobini and recovered in 1913 by Ernst Zinner when it was observed again. The green colour around the head of the comet is due to the gases that are evaporating by the heat of the sun from the 2 km nucleus. The comet moves quickly and its position can be observed to change against the starry background by the minute. In case you wonder, the red spot in the picture [*upper left*] is a patch of hydrogen gas in outer space. See a video of the movement of the comet here: <https://www.youtube.com/watch?v=sPvDAL5Pig4>

## Heart of our Galaxy



The picture shows the core of Milky way and also Saturn within the frame. This is a single image taken at ISO 800 with Pentax 50mm f/1.7 manual lens at f/4 mounted on Sony A7 tracked on Skywatcher Star Adventurer for close to 180 seconds.

by SUPRIT SINGH

Category: Intermediate (1 to 5 years experience)

192 views / 26 likes

## The Moon Shows Us Its Real Colours!



by STEPHAN HAMEL

Category: Intermediate (1 to 5 years experience)

517 views / 76 likes

Ever wondered what the colours of the moon are like? These colours are caused by the mineral elements of the moon. They are really faint. Our eyes cannot perceive them. All that is needed is a camera and a small telescope to get it into full bloom.

## M13 Hercules Cluster Sketch

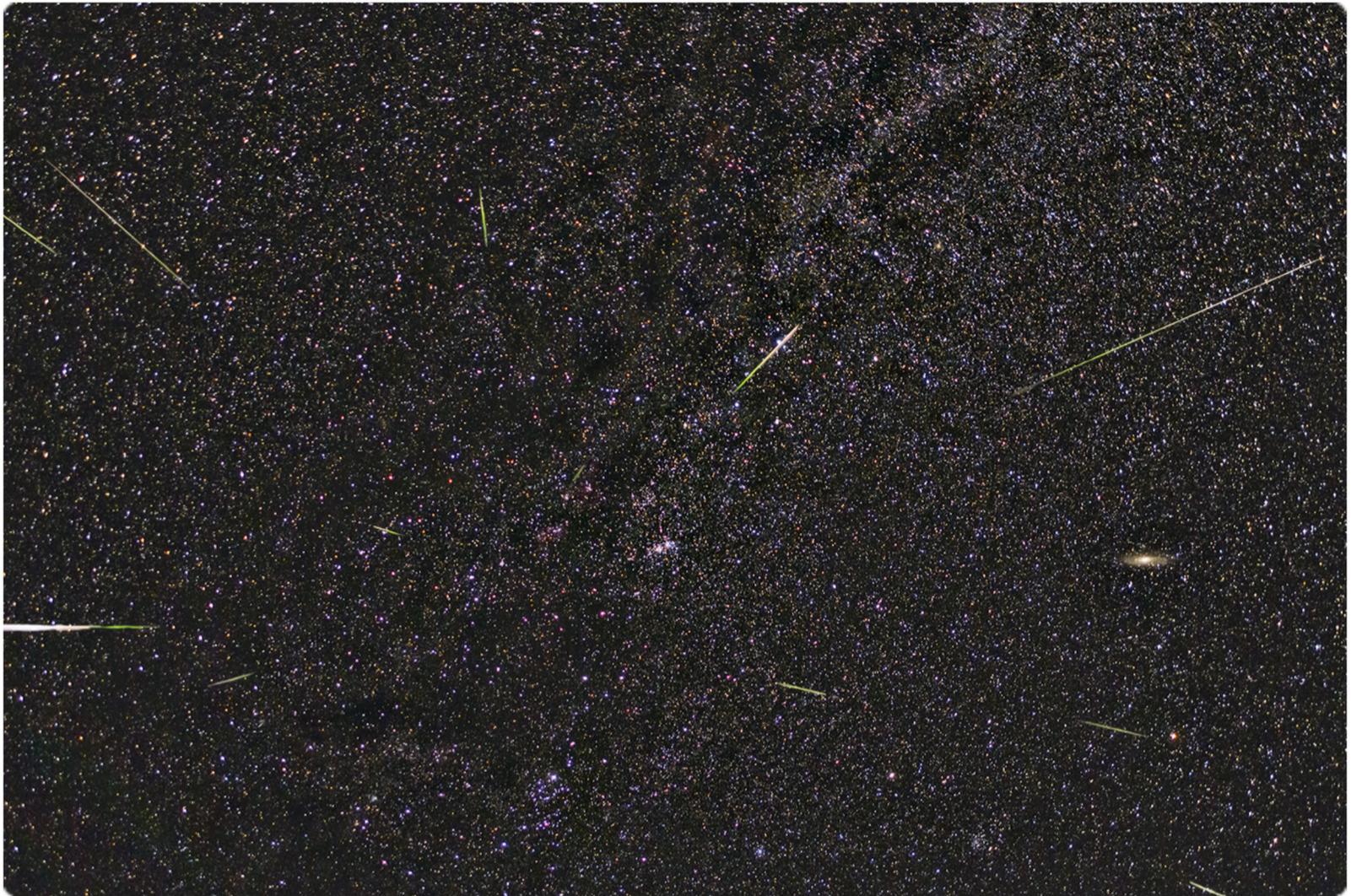


by EMILE CORMIER

Category: Intermediate (1 to 5 years experience)

53 views / 1 like

## Perseids Meteor Composite



by KEVIN WATSON

Category: Intermediate (1 to 5 years experience)

36 views / 1 like

Perseids Composite - 20180812-13 Composite image, processed in Adobe Photoshop, with GradientXTerminator plug-in. Background: 20 x 30sec images, developed in PS, aligned and stacked in ImagesPlus, processed in PS. 10mins total integration. Perseids: 12 x 30sec individual images, developed in PS, aligned in ImagesPlus, composited and processed in PS. Each frame: Nikon D7000, Nikkor 20mm f/1.8 lens at f/1.8, ISO1600, 30secs. iOptron SkyTracker. E.C. Carr Astronomical Observatory (CAO), Blue Mountains, Canada

## Waning Gibbous Moon: Third Quarter



by DAVID HOSKIN

Category: Intermediate (1 to 5 years experience)

38 views

## The Trifid Nebula



by DAVID HOSKIN

Category: Intermediate (1 to 5 years experience)

25 views / 1 like

Catalogued as Messier 20, the Trifid Nebula is a combination of an emission nebula and an open star cluster.

## Waterfalls



by NIC ANNAU

Category: Intermediate (1 to 5 years experience)

77 views / 13 likes

Sandcut beach, on the southwest coast of Vancouver Island was amazing for stargazing last week. During the day, a crisp Mount Baker over the Haro Strait was telling of the steady and clear atmospheric conditions that were ideal for astronomy. That, and a New Moon, of course! When I stood on this log I couldn't quite tell if the crests of the waves crashing by my feet were bright because of the trace reflections from my headlamp, or if they were self-illuminating. After turning the light off, it was clearly the latter. Filled with impulsive and encompassing levels of excitement, we started throwing rocks into the ocean to watch the water light up as it was agitated. With the tide growing higher, and the occasional swell threatening our camera gear, we had to make our way back to the car before I could get the right exposure. I want to return on a similar night to try and capture the bioluminescence in the same frame as the galaxy. Although it seemed bright to our eyes, its light isn't constant enough to shine comparably to the Milky Way's over the 30 seconds or so that the camera is exposing.

## Solar Eclipse



Photo by pcardin

by PAUL CARDIN

Category: Intermediate (1 to 5 years experience)

22 views

## Jupiter and 4 Moons

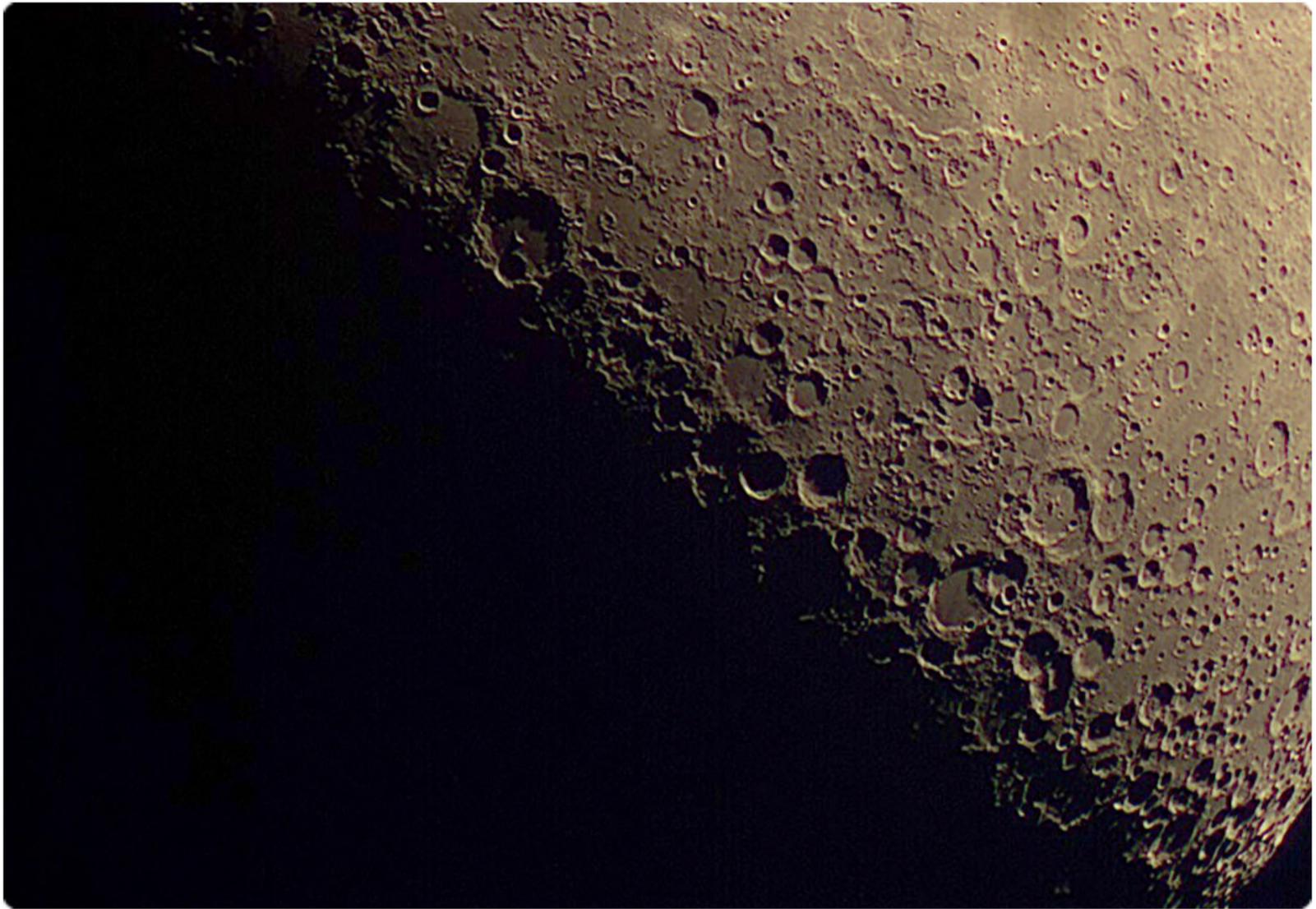


by PAUL CARDIN

Category: Intermediate (1 to 5 years experience)

25 views

## X Marks the Spot



by DAVID HOSKIN

Category: Intermediate (1 to 5 years experience)

92 views / 1 like

Light and shadow creates the appearance of a letter 'X' on the rim of the Blanchinus, La Caille, and Purbach craters.

## Orion Constellation



by SYLVIE GIONET

Category: Intermediate (1 to 5 years experience)

33 views

01 26 2018. Orion constellation. Backyard astrophotography.

## Trilogy of Super Moons



by SYLVIE GIONET

Category: Intermediate (1 to 5 years experience)

28 views

Three Super Moons, Orion Constellation.

## Zap Goes the Aurora



by R. PETERMAN

Category: Intermediate (1 to 5 years experience)

37 views / 2 likes

A half moon lit up these mountains beneath the aurora, which appears to include a "shadow" from the sharp peak on the left. Also, note the Pleiades cluster, which is just about to set near the middle of the image. Photo taken at 1:43 a.m. 26 February 2018 in northern Norway's Lofoten Islands.

## Curly Aurora



by R. PETERMAN

Category: Intermediate (1 to 5 years experience)

29 views / 1 like

A half moon lit up these snow-clad mountains beneath the aurora. Photo taken at 12:28 a.m. on 27 February 2018 in northern Norway's Lofoten Islands.

## An Aurora Like Aladdin's Lamp



by R. PETERMAN

Category: Intermediate (1 to 5 years experience)

34 views

A half moon lit up this snow-clad mountain, which appeared to be sending out an aurora like Aladdin's lamp. Photo taken at 12:25 a.m. on 27 February 2018 in northern Norway.

## Silent Glory



by RUDY POHL

Category: Intermediate (1 to 5 years experience)

56 views / 6 likes

The Milky Way over footprints in the snow taken at the North Frontenac Dark Sky Preserve in Ardoch, Ontario 2 hours west of Ottawa. This image consists of 28 panels for the sky, (each panel is made from 10 x 6 second images), stacked in Pixinsight with calibration frames, and 6 panels for the landscape. Processed in Pixinsight and Photoshop. I have been trying to photograph the full arch of the Milky Way ever since I began astrophotography 3 seasons ago and all previous attempts have ended in failure, until this one. My two astro-buddies and I drove 2 hours west of Ottawa in the early morning hours to get to the North Frontenac Dark Sky Preserve in Ardoch, Ontario, in time for a 3:30 a.m. set up and to be ready to shoot from 4:30 - 5:30 a.m.

## March conjunction



by CLARK MUIR

Category: Intermediate (1 to 5 years experience)

46 views

Moon, Venus and Mercury setting in rural Ontario.

## The Crater Plato



by DAVID HOSKIN

Category: Intermediate (1 to 5 years experience)

46 views / 2 likes

Lunar impact crater located on the northeastern shore of the Mare Imbrium.

# Jupiter



by DAVID HOSKIN

Category: Intermediate (1 to 5 years experience)

49 views / 2 likes

The famous Great Red Spot is front and centre in this image of Jupiter.

## The Dragonfly Cluster



by DAVID HOSKIN

Category: Intermediate (1 to 5 years experience)

47 views / 2 likes

Also known as the Owl Cluster and the ET Cluster, NGC 457 is an open star cluster in the constellation Cassiopeia.

## A Geminid and Orion



by JOEL WEATHERLY

Category: Intermediate (1 to 5 years experience)

46 views

A bright Geminid streaking by Canis Minor and Monoceros. Orion is visible to the right of the incoming meteor. Taken just south of Hastings Lake, Alberta using a Canon 60D with a Sigma 18-35mm f/1.8 lens.

## M51 - Whirlpool Galaxy



by LOUIS GONZALEZ

Category: Intermediate (1 to 5 years experience)

53 views / 3 likes

Taken from Salt Spring Island. 7 x 5-minute exposures. Telescope: Orion ED80 Apochromatic refractor. Edited stacked image with StarTools.

## M31 - Andromeda Galaxy



by LOUIS GONZALEZ

Category: Intermediate (1 to 5 years experience)

70 views / 6 likes

Taken from Salt Spring Island. 14 x 5-minute exposures. Telescope: Orion ED80 Apochromatic refractor. Edited stacked image with StarTools.