



October members images 2023



Duncan Evenden – M45 The Pleiades Cluster – 12h 48m (France Bortle 4)



NGC1333 in Perseus

Carole Pope

Reprocess of old data from 2016 and 2017 both taken at [Kelling Heath](#) Bortle 4

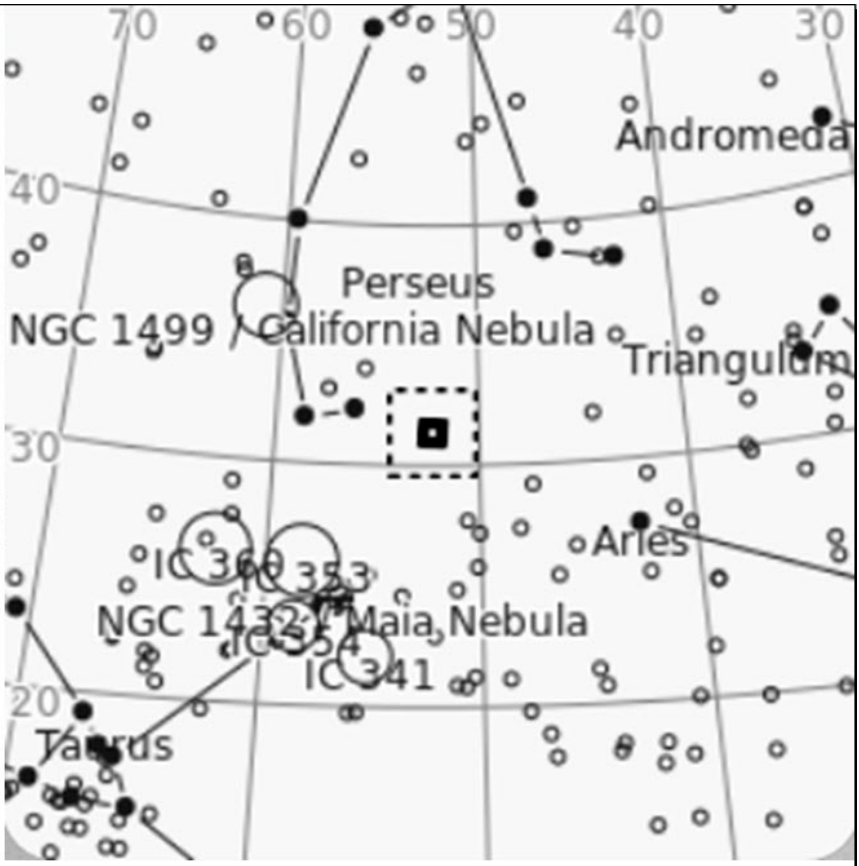
Was never happy with either, so decided to combine the data and use some new processing skills

Also doubled the imaging time to

5 hours 35mins



Reflection Nebula and is a young region of very active star formation. A significant portion of the stars seen in the infrared are in the [pre-main sequence](#) stage of their [evolution](#).^[6]



967 ly distance



M33– Duncan Evenden from Bortle 2 Skies in Saint Estephe France where he and few others hired a Gite. Almost 2 hours

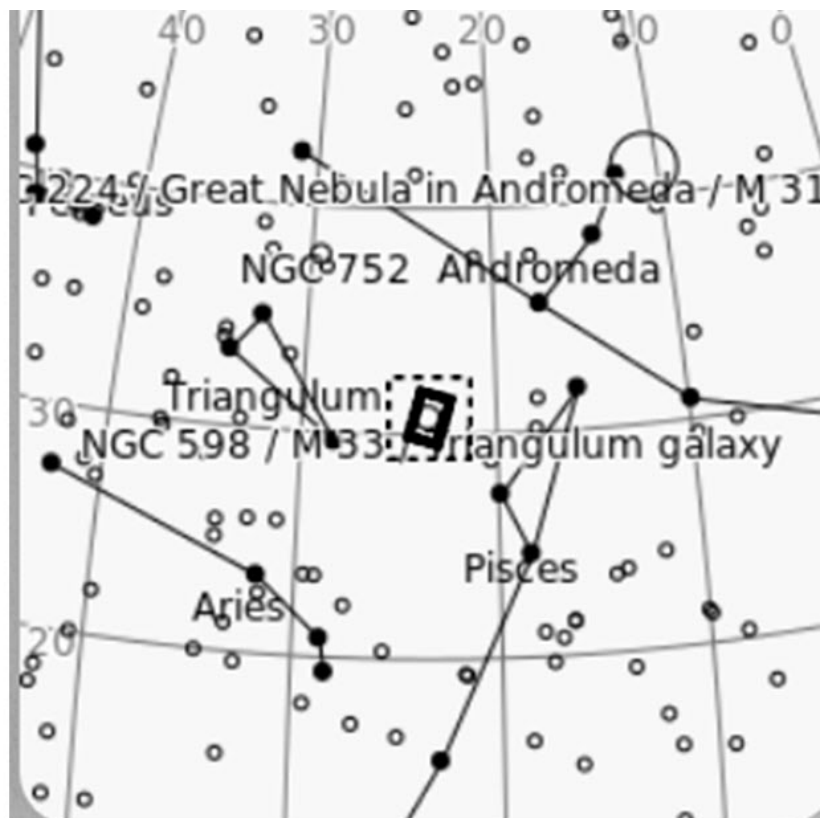


A huge spiral galaxy in Triangulum.

2.73 million ly away

61,100 ly across

Smallest spiral galaxy in the “Local Group” (our galactic neighbourhood)





Sophie Allen

Posted onto the OAS Whatsapp Group



The Ring Nebula
M57



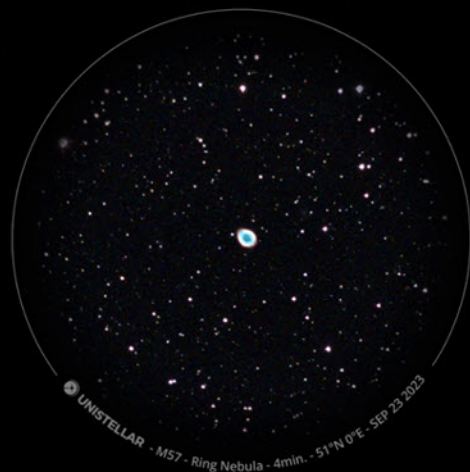
The Hercules
globular cluster M13

The Dumbell Nebula

Rick Summerfield

Photos taken with his
Unistellar eVscope.

@ Blackheath Common



Rick Summerfield with his eVscope Smart Telescope.



There has been a flurry of images on the OAS Whatsapp group of images taken with a Dwarf2 telescope, another type of "Smart" telescope



DWARF II Smart Telescope

£369.00 GBP

Robert [Phillpot's](#) on his Tripod





M31 Robert [Phillpot](#)



M31 Simon Smollett



Robert [Phillpot](#) from Salisbury whilst metal detecting.

Using the Dwarf2

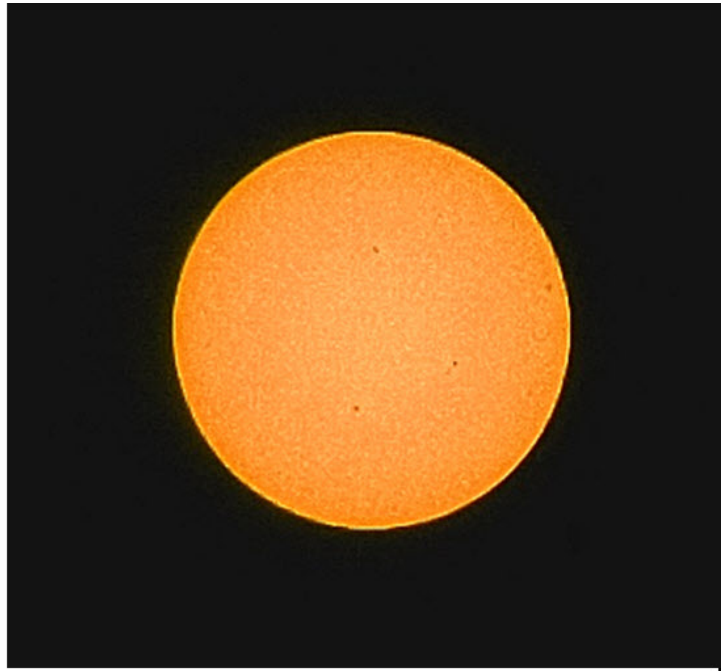
M31

M45





Simon Smollett



MarkG

N.B. all telescopes need solar filters to point at the Sun



M42 Orion Nebula – Roberto Phillpot from his Dwarf 2,
200 stacked images, 1 sec exposure.



Gecko Nebula Sh2-126 Combined data from 2021 & 2023 – Carole Pope
(11 hours) Using a variety of kit. (6 hours Bromley + 5hours DSC)



2021 image from
Bromley 6 hours over
3 nights

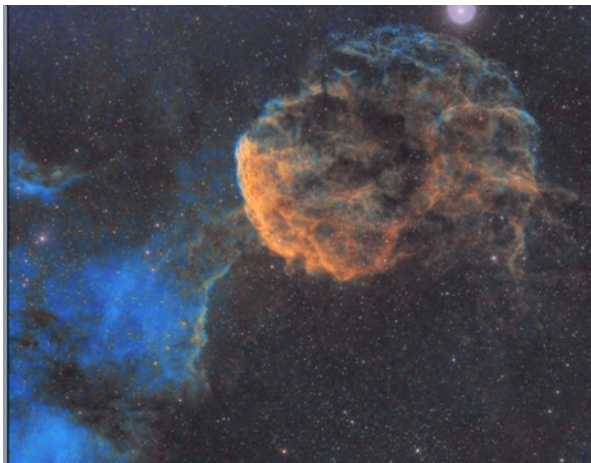
Combined image with an extra 5
hours at DSC 2023
Totalling 11 hours





The Jellyfish Nebula IC334– Carole Pope

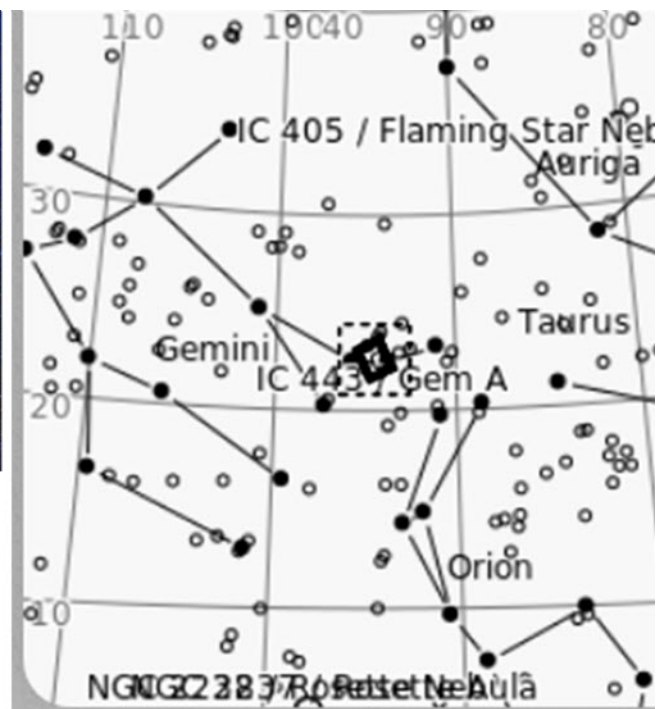
Bromley – just over 4 hours (taken in 2021 but never posted)



Part of a larger complex, between in Gemini near the top of Orion's right arm.

It's a supernova remnant

Approx 5000 ly



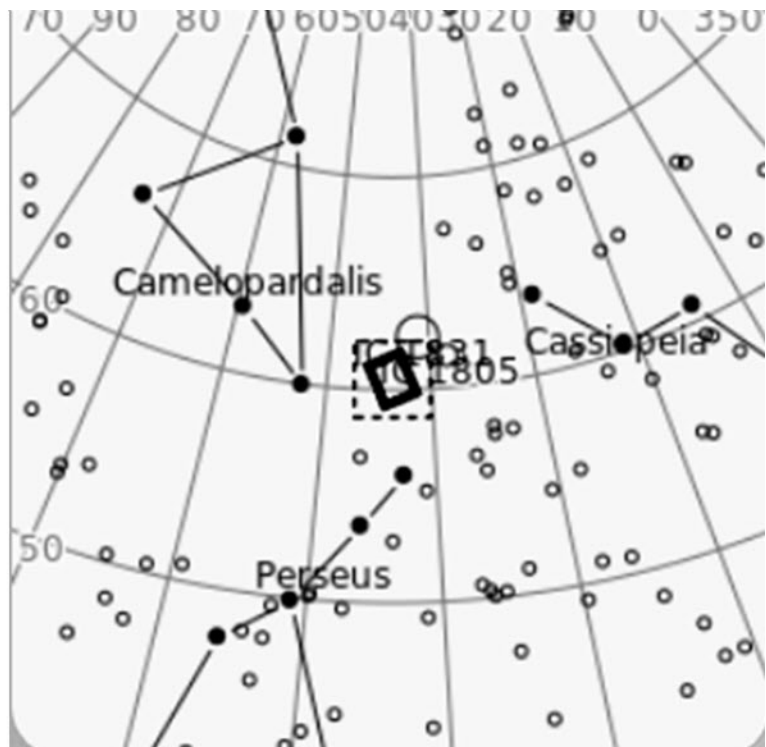


Soul Nebula – Duncan Evenden – AKA Westerhout 5 (Sharpless 2-199, LBN 667)

France (Bortle 4) - 6hours 22mins



An emission nebula in Cassiopeia and often associated with the Heart Nebula which is next to it.

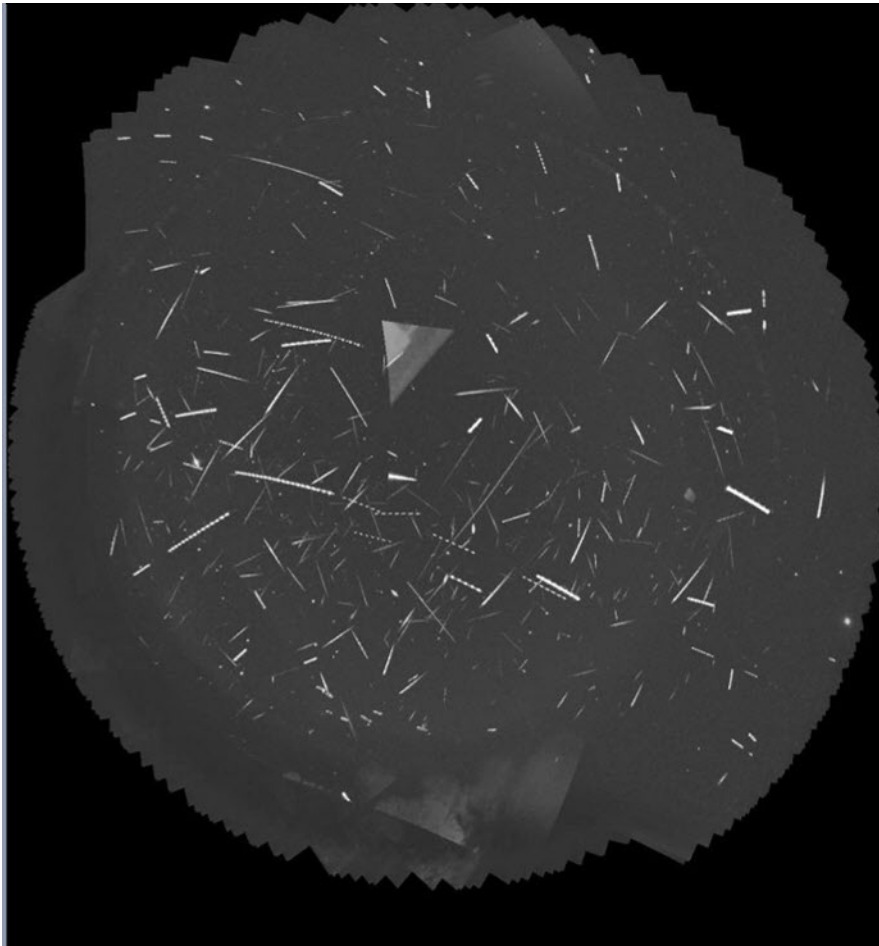


Example



Galaxy NGC660 in Pisces – Duncan Evenden – Manche France (Bortle 4)

NGC 660 is a peculiar and unique polar-ring galaxy located approximately 45 million light-years from Earth in Pisces. It was probably formed when two [galaxies collided](#) a billion years ago. The ring is not actually polar, but rather has an [inclination](#) from the plane of the host disk of approximately 45 degrees



Meteors captured by my two Global Meteor Network cameras on the night of 14th to 15th October, 2023. One camera caught 162 meteors and the other caught 179.

The interesting thing about this outburst is that preliminary analysis assigned fewer than half the meteors to well-known showers.

The **Orionid**, **Southern Taurid** and epsilon **Geminid showers** accounted for most of those assigned to showers, with the **October Ursae Majorid**, **Leonis Minorid** and **chi Taurid showers** picking up the rest.

But the ones identified as **sporadics** outnumber them all.

Rick Hewitt - [Meteor outburst, night of 14th-15th October 2023](#)

Sun dog - John Hulme

Posted on Whatsapp Group





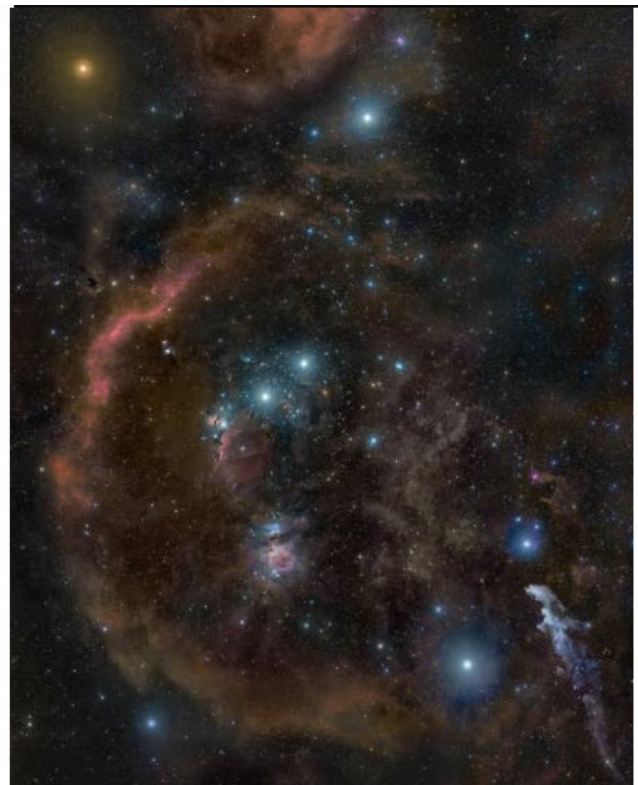
The Witch Head Nebula IC2118 (work in progress) – Carole Pope from DSC

Using Samyang lens as large - taken from 2.30am onwards, 3h 20m. Plans to add Ha and more LRGB given an opportunity.



Turned upside down you can see why it is called the Witch Head.

It's a reflection Nebula lit by the light from Rigel



Where it is located in Orion

Astrophotography Competition 2024

There will be another
Astrophotography competition in 2024

There will be a section again for
Smartphone photos

The Deep Sky and Planetary sections
will be judged next year and Raf is
devising an electronic method for voting
as it was very difficult doing it manually
this year.

So start collecting your best photos and images.



Next official **Deep Sky Camp** @ Cairds Camping Site 6 – 9th May

An opportunity to get some low southern targets, like M16 and the Trifid and lagoon Nebulae.

NB: 6th is a Bank holiday Monday and these are week days because of the New Moon being on Wednesday.