

| Forthcoming CAWAS Meetings |                  |                          |
|----------------------------|------------------|--------------------------|
| Friday 12th April          | Dr. Andrew Green | In Search of the Aurora  |
| Friday 10th May            | Mike Frost       | Lady Pioneers of the BAA |
| Friday 14th June           | AGM              |                          |

|                              |                                                                                                     |
|------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>BAA</b>                   |                                                                                                     |
| Sat 27th April 10:00 - 18:00 | One Day Spring Meeting - Galaxies<br>Sweyne Park School, Sir Walter Raleigh Drive, Rayleigh.SS6 9BY |
| Sat 18th May 10:00 - 18:00   | Comet Section Meeting<br>Clements Hall, Nunthorpe Road, York. YO23 1BW                              |

|                                          |                                                                                                                                                     |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>RAS</b> Friday 10th May 10:30 - 15:30 | Neutron Star and Black Hole Binary Mergers:<br>The First Results of the LIGO-Virgo era<br>The Geological Society, Burlington House, London. W1J 0BD |
|------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|

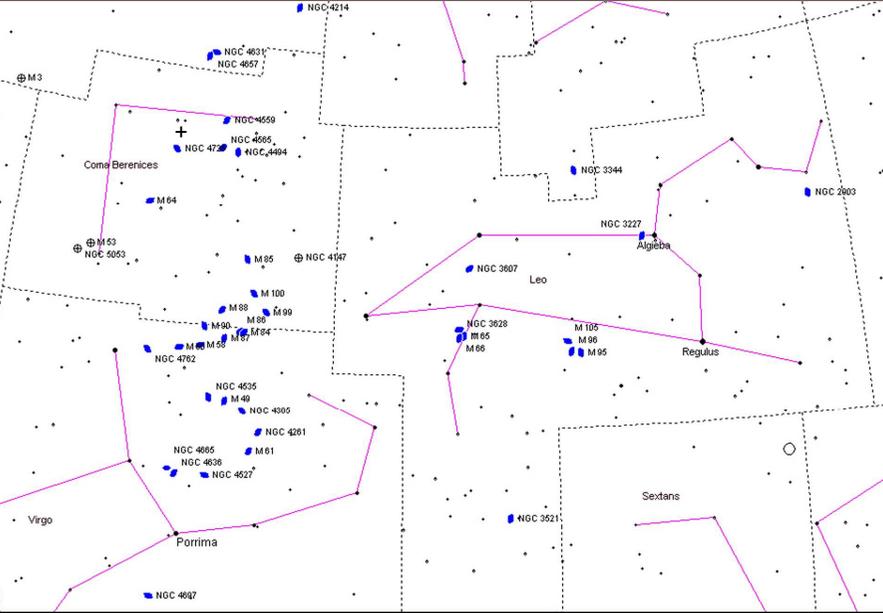
| <u>April</u> | <u>Event</u>                                                 |   |
|--------------|--------------------------------------------------------------|---|
| Friday       | 12th Moon - first quarter                                    | ☾ |
| Saturday     | 13th Moon in front of M44                                    |   |
| Friday       | 19th Moon - full                                             | ☉ |
| Tuesday      | 23rd Lyrids maximum, Moon near Jupiter<br>Uranus conjunction | ♈ |
| Thursday     | 25th Moon near Saturn                                        |   |
| Friday       | 26th Moon - last quarter                                     | ☾ |
| Tuesday      | 30th Saturn stationary                                       |   |
| <u>May</u>   |                                                              |   |
| Saturday     | 4th Moon - new                                               | ● |
| Monday       | 6th Eta Aquarids maximum, Moon in Hyades                     | ♈ |
| Tuesday      | 7th Moon near Mars                                           |   |

|                                                                                                                                               |                                                                                                              |                                                                                              |
|-----------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
| <b>Coventry and Warwickshire Astronomical Society</b>                                                                                         |                                                                                                              |                                                                                              |
| The society usually meets on the second Friday in the month, at Earlsdon Methodist Church Hall. The meetings begin at 19:15 and end at 21:30. |                                                                                                              |                                                                                              |
| <b>Web Site:</b> <a href="http://www.covastro.org.uk">http://www.covastro.org.uk</a>                                                          |                                                                                                              |                                                                                              |
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| <b>Chairman</b>                                                                                                                               |                                                                                                              | <b>Mira editor</b>                                                                           |
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| <b>Secretary</b>                                                                                                                              |                                                                                                              |                                                                                              |
| Geoffrey 01926 335399                                                                                                                         | <a href="mailto:gjohnstone@btinternet.com">gjohnstone@btinternet.com</a>                                     |                                                                                              |
| <b>Vice Chairman</b>                                                                                                                          |                                                                                                              | <b>Skynotes</b>                                                                              |
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| <b>Treasurer</b>                                                                                                                              |                                                                                                              |                                                                                              |
| Vaughan 01926 402414                                                                                                                          |                                                                                                              |                                                                                              |

# Coventry and Warwickshire Astronomical Society

## Sky Notes

April 12th to May 10th 2019 No. 259



### The Lion, the Virgin and Berenice's Hair

Lying outside the plane of the Milky Way, the constellations of Leo, Coma Berenices and Virgo contain a host of bright galaxies. In Leo there are two magnificent triplets of galaxies - M65, M66, NGC3628 and M95, M96 and M105, the latter group being fainter and part of a larger group of nine galaxies.

These groups are dwarfed by the Coma Cluster (in north Coma Berenices) which contains over a thousand galaxies and lies at a mean distance of 321 million ly and the Virgo Cluster, which spans the Virgo / Coma Berenices boundary and consists of at least 1300 galaxies. The Virgo Cluster (53.8 million ly away) lies at the heart of the local supercluster of which our galaxy (The Milky Way) is a member.

