- Astronomers have catalogued millions of astronomical objects, mainly stars and distant galaxies. Even with a small amateur telescope there are far too many beautiful objects to observe in an entire life-time.
- Some of the favourite objects southern hemisphere amateur astronomers like to observe are the planets, star clusters, galaxies, and nebulae. While these objects always look much smaller through a telescope than they are portrayed in astro-photographs, these objects are still an amazing sight.



Jupiter and its Great Red Spot - https://en.wikipedia.org/wiki/Jupiter



Saturn - https://en.wikipedia.org/wiki/Saturn





Mars - https://en.wikipedia.org/wiki/Mars



Globular cluster, Omega Centauri. 17,000ly away - https://en.wikipedia.org/wiki/Omega Centauri





Jewel Box Cluster. 6,400ly away adjacent to the Southern Cross - https://en.wikipedia.org/wiki/Jewel Box (star cluster)



Carina Nebula in the Constellation Carina, 7,500ly away - https://en.wikipedia.org/wiki/Carina_Nebula





The Sculptor Galaxy, NGC253 11.4Mly away - https://en.wikipedia.org/wiki/Sculptor_Galaxy



The Lagoon Nebula, 4,700ly away in the constellation Sagittarius - https://en.wikipedia.org/wiki/Lagoon Nebula





The Orion Nebula, 1,344ly away - https://en.wikipedia.org/wiki/Orion Nebula



The Tarantula Nebula in the Large Magellanic Cloud, 160,000ly away _ https://en.wikipedia.org/wiki/Tarantula_Nebula





Globular Cluster 47 Tucanae in the Constellation Tucana 60,000ly away https://en.wikipedia.org/wiki/47 Tucanae



The Sombrero Galaxy in the Constellation Virgo 31Mly away - https://en.wikipedia.org/wiki/Sombrero Galaxy

