

# Constellation Guide

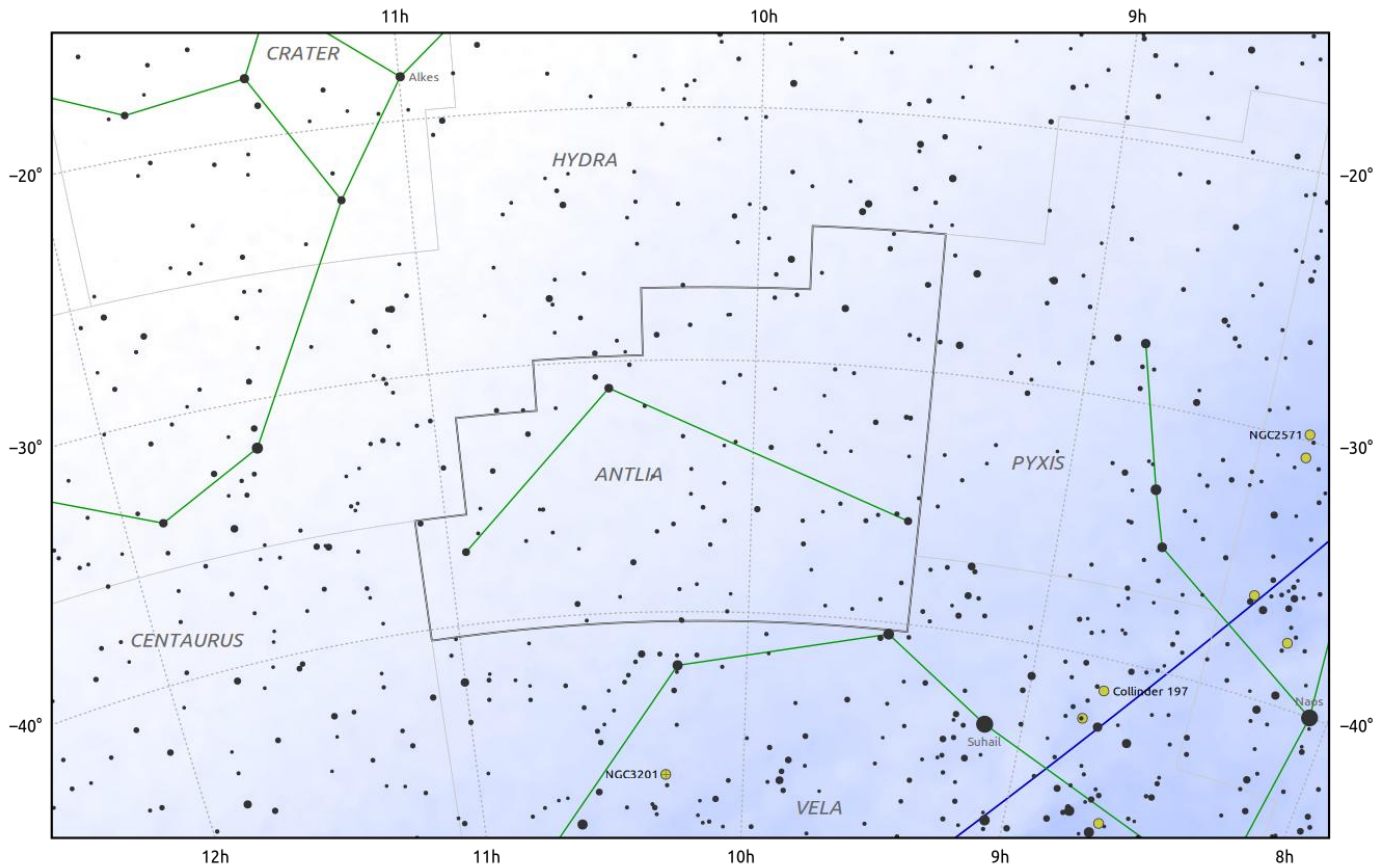
## Antlia (Ant)

Evening Visibility: **February - April**

Online Information: [Antlia](#)

More Online Information: [Delta Antliae](#), [NGC-3175](#), [NGC-2997](#), AB Antliae, [U Antliae](#)

### [In-The-Sky.org](#) Constellation Map



© Dominic Ford 2011–2026. Downloaded from <https://in-the-sky.org>

Magnitude scale: • 7.0 • 6.0 • 5.0 • 4.0 • 3.0 • 2.0

— The Equator — Ecliptic Plane — Galactic Plane

● Galaxy ■ Bright nebula ● Open cluster ● Globular cluster ◆ Planetary nebula

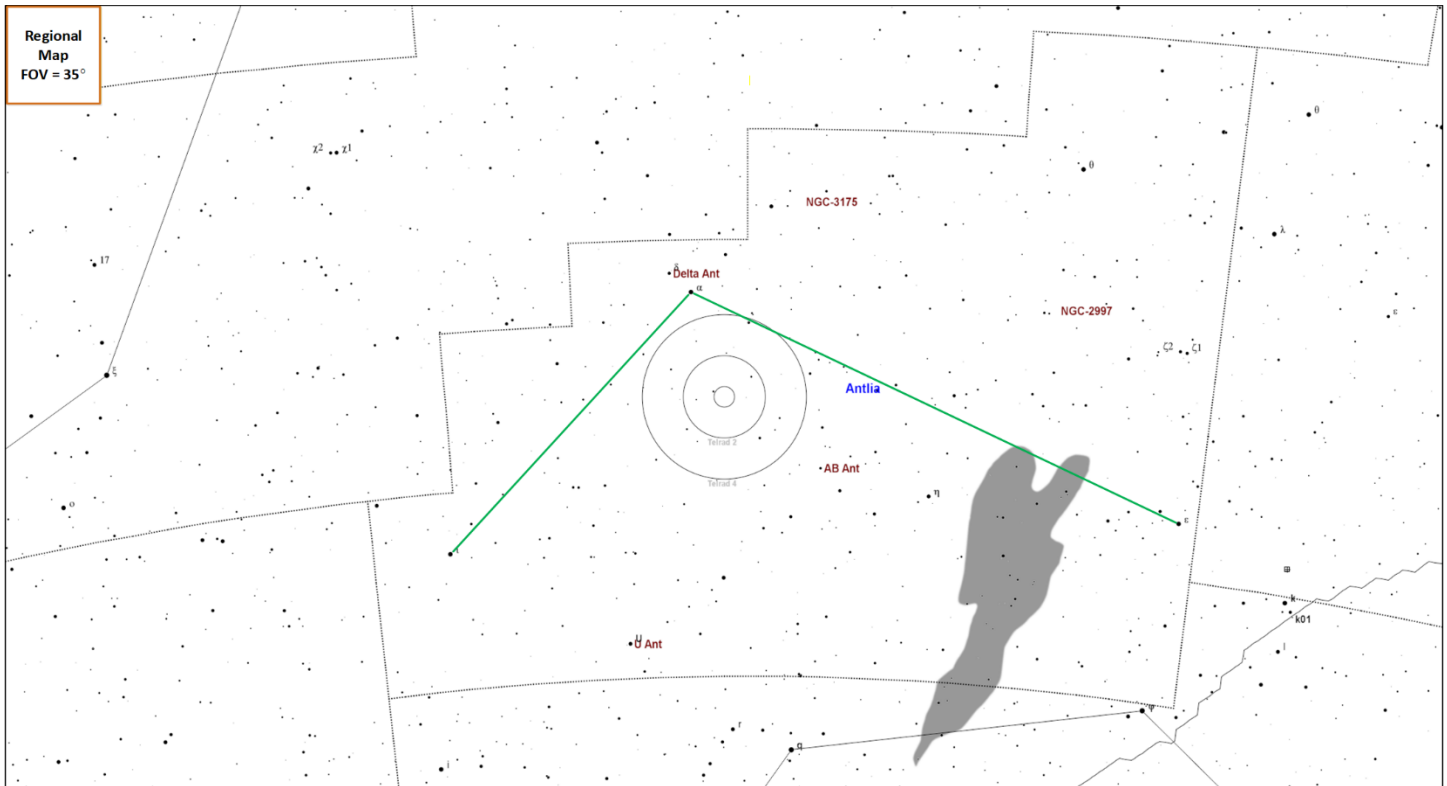
Antlia is a small constellation in the southern sky whose name is ancient Greek and Latin for “the pump” and was catalogued by the French astronomer Abbe Nicolas Louis de Lacaille in the 18<sup>th</sup> century to commemorate the invention of the air pump that it represents. The constellation can be seen from locations between the latitudes of +45° and -90°.

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## Constellation Highlights

- **Delta Antliae (DS)** – Easily separated double star system.
- **NGC-2997 (G)** – A face-on spiral galaxy.

## Constellation Targets Map

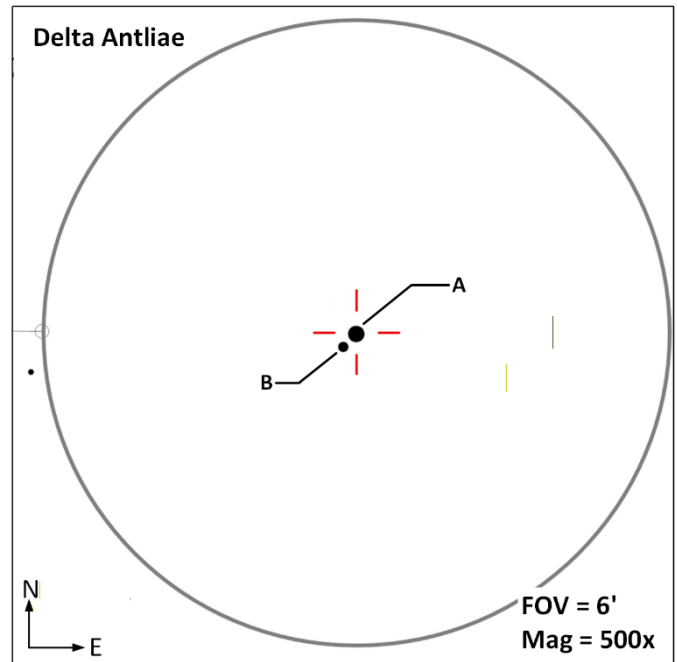
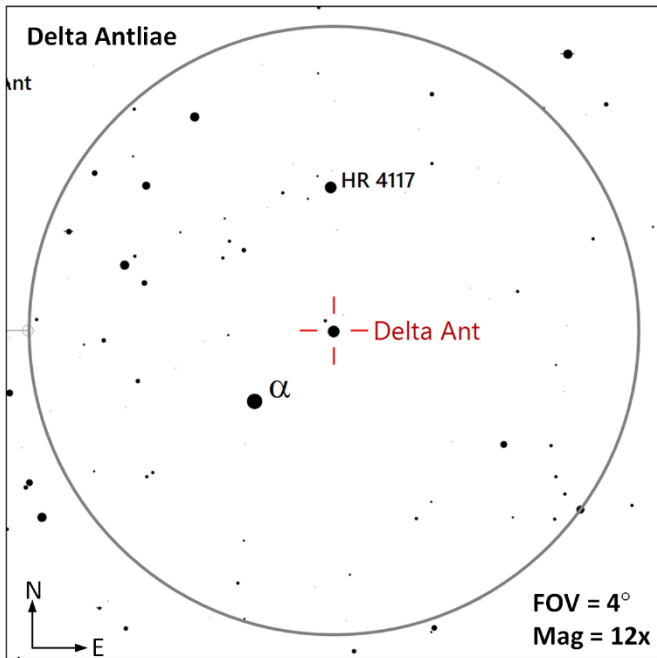


## Region Objects Summary

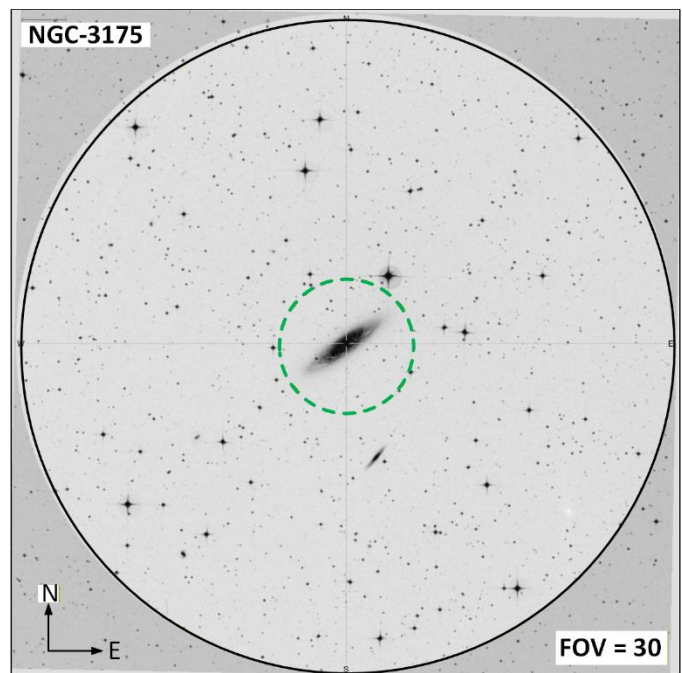
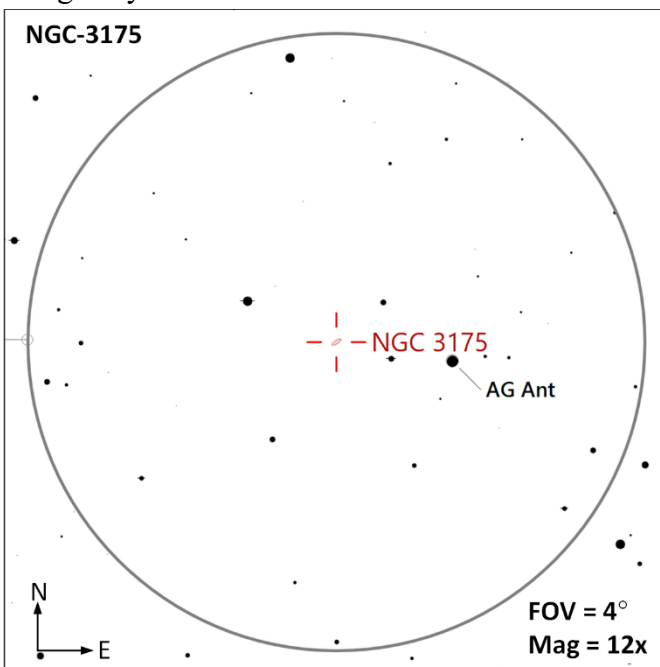
Object (Type)	Ref	Aliases	Stats
Delta Antliae (DS)	<a href="#">1</a> , <a href="#">2</a>	SAO-201442, HIP 51376, BZ Ant, HR 4118, HD 90972, H N 50, HN50, WDS10296-3036, del Ant, $\delta$ Ant	AB   5.6, 9.8   Sep=10.3''   PA=228°   MC=B9.5 V, F9 Ve
NGC-3175 (G)	<a href="#">1</a>	UGCA 207, PGC 29892, MCG -5-24-28, ESO 436-3, VV 796	M=12.1   Size=5.0' x 1.3'   SB=22.8   MC=SAB(s)b
NGC-2997 (G)	<a href="#">1</a>	UGCA 181, PGC 27978, MCG -5-23-12, ESO 434-35	M=10.1   Size=8.9' x 6.8'   SB=23.2   MC=SAB(rs)c
AB Antliae (CS)		SAO-201156, HD 88539, CoD -34 6528BD, CD-34 06528, CP, AG	Mag Range: 6.6 to 7.1   Period=Unknown   MC = C6.3
U Antliae (CS)	<a href="#">1</a>	SAO-201533, HIP 51821, HR 4153, HD 91793, U Ant	Mag Range: 5.3 to 6.0   Period=Unknown   MC=C5.3

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**Delta Antliae** (DS AB | 5.6, 9.8 | Sep=10.3" | PA=228° | MC=b9.5 V, F9 Ve |— This double is listed in 120 colorful multiple star systems list and is located 470 ly away. This is a young star system estimated to be between 120 and 214 million years old. The pair have a physical separation of about 2,200 AU.

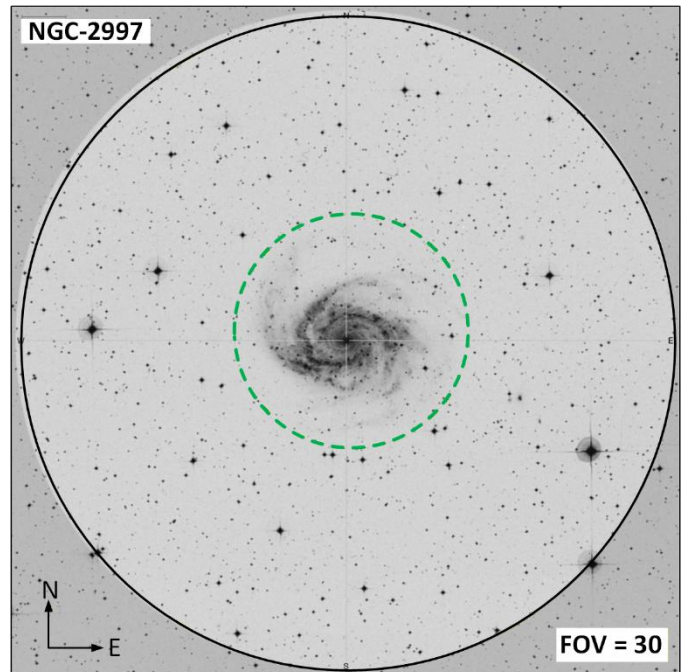
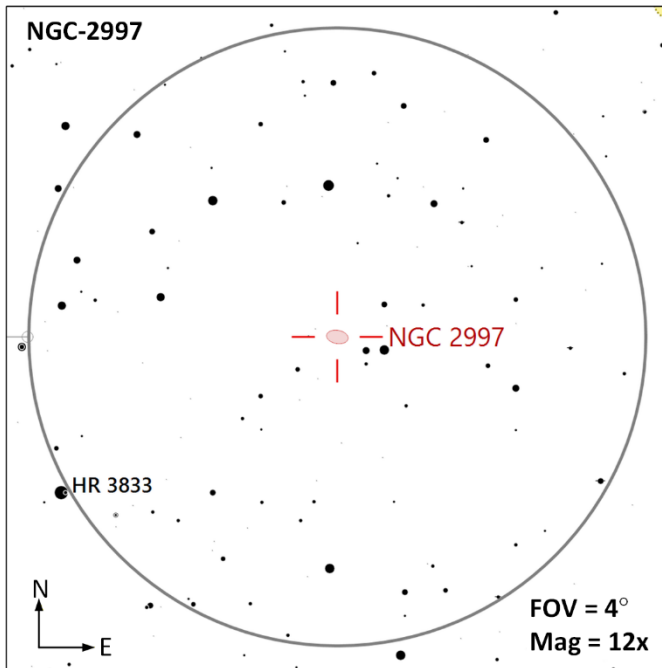


**NGC-3175** (G | M=12.1 | Size=5.0' x 1.3' | SB=22.8 | MC=SAB(s)b |) – A edge-on spiral galaxy located 54 million ly away. A recent study of this galaxy indicated there is no star formation occurring in the outer region of the galaxy.

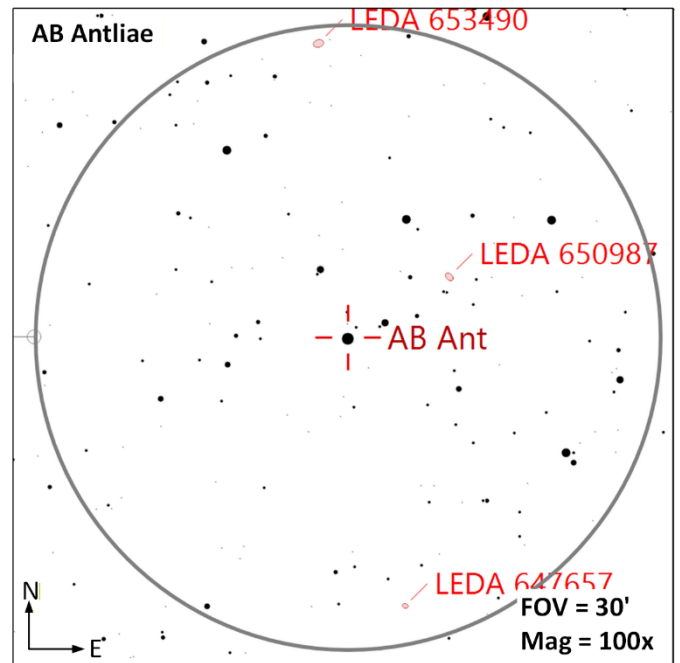
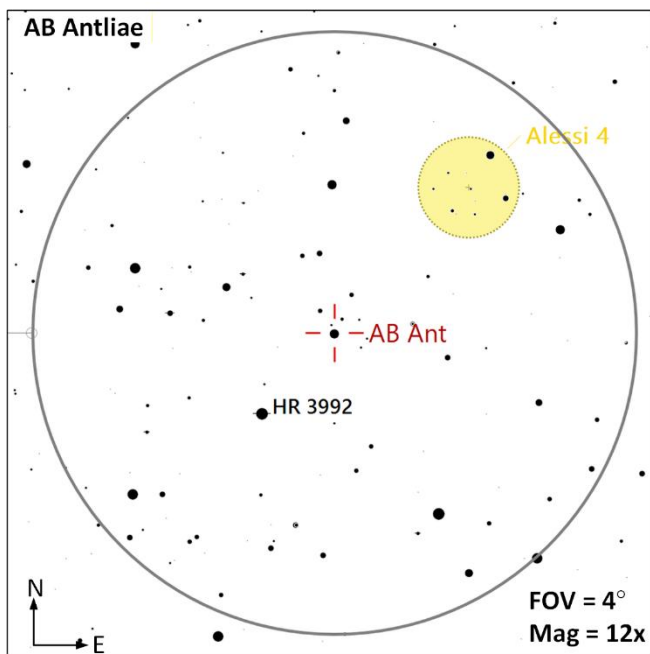


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**NGC-2997** (G | M=10.1 | Size=8.9' x 6.8' | SB=23.2 | MC=SAB(rs)c |) – A face-on unbarred spiral galaxy about 40 million light years away. This is the brightest galaxy of the [NGC 2997 group](#) of galaxies. This galaxy has been compared to M-83 but with an inclined disk that is 45° to our line of sight. It is estimated to have a mass of about 100 billion solar masses.

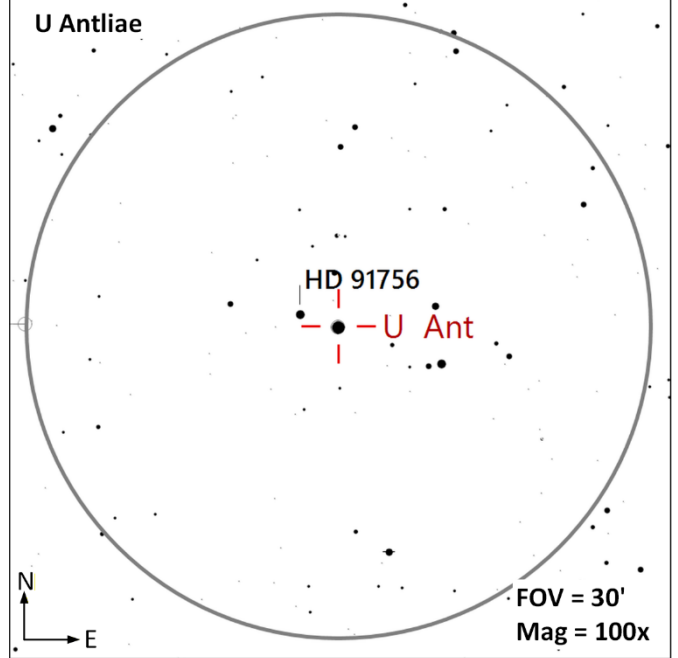
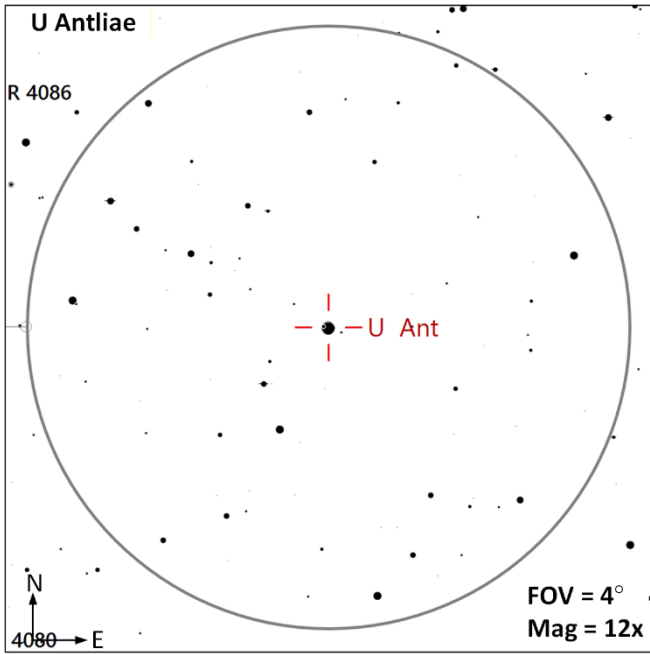


**AB Antliae** (CS | Mag Range: 6.6 to 7.1 | Period=Unknown | MC = C6.3 |) – This star is 2300 ly away. There is little information on this star except it is on the SAC carbon star list.



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**U Antliae** (CS | Mag Range: 5.3 to 6.0 | Period=Unknown | MC=C5.3 |) – A carbon star surrounded by two thin shells of dust. This is an extremely red star and one of the brightest carbon stars located about 900 ly away.



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Constellation Guide  
**Observation Log: Antlia (Ant)**

**Equipment Config A:** \_\_\_\_\_ **Config B:** \_\_\_\_\_

**Notes:** \_\_\_\_\_

Date	Time	Config	Target	Notes

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Constellation Guide  
**Observation Log: Antlia (Ant)**

**Equipment Config A:** \_\_\_\_\_ **Config B:** \_\_\_\_\_

**Notes:** \_\_\_\_\_

Date	Time	Config	Target	Notes

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# Constellation Guide

## References, Resources and Tools used to create this document

The resources listed below were utilized to generate this document.

### References

- Books
  - [Objects in the Heavens](#): Peter Birren
  - [Touring the Universe through Binoculars](#): Philip Harrington
  - [The Deep Sky](#): Philip Harrington
  - [Double and Multiple Stars and How to Observe Them](#): James Mullaney
  - Celestial Portraits: [Tom Polakis](#)
  - [Sky Spot](#) Books
    - Bright Telescopic Objects: Brent Watson
    - Select Double Stars: Brent Watson
    - Overlooked Objects: Bret Watson
- Asterisms
  - Astronomical League: [Asterisms observing program](#) List
  - Asterisms: Demeiza Ramakers
  - [Pattern Asterisms](#): John Chiravalle
  - Milwaukee Astronomical Society: [Binocular Asterisms](#)
  - Deep-Sky.co.uk: [Observing Asterisms](#) (David Ratlege)
- [Saguaro Astronomy Club](#)
  - Asterisms List
  - [110 Best of the NGC](#)
  - Red Stars List
- Online
  - [Wikipedia](#)
  - The Garden Astronomer: [Double, Multiple, and Special Star Observations List](#)
  - Sky & Telescope: [Colored Double Stars, Real and Imagined](#)
  - [In-The-Sky.org](#)
  - [Constellation-guide.com](#)

### Applications

- [SkyTools](#) 4.1 Visual Professional
- [AstroPlanner](#) Version 2.4
- [Cartes du Ciel](#) Version 4.3
- [Sky Safari](#) Pro 7
- Microsoft Office Home and business 2021 - Word
- Microsoft Visio Professional 2021
- [IrfanView](#) Version 4.72