{{Starbox begin |

name=ζ Boötis }}

{{Starbox image

| image = [[Image:Zeta Boötis.jpg|275px|]]

| caption = ζ Boötis

}}

{{Starbox observe |

epoch=J2000 |

ra=14<sup>h</sup> 41<sup>m</sup> 08.5<sup>s</sup> |

dec= +13° 43&prime; 42&Prime; |

appmag\_v=4.83 |

constell=[[Boötes (constellation)|Boötes]] }}

{{Starbox character |

class=A2III |

r-i = |

v-r = |

b-v = |

u-b = |

variable= }}

{{Starbox astrometry |

radial\_v=-5.5 |

prop\_mo\_ra=52.36 |

prop\_mo\_dec=-12.71 |

parallax=18.07 |

p\_error=1.24 |

absmag\_v=4.9 }}

{{Starbox detail|

mass=3,1 |

radius=2,1 |

luminosity=40 |

temperature=7,500–10,000 |

metal= |

gravity= |

rotation= |

age= }}

{{Starbox visbin |

name=CCDM 14411+1344 B |

period=123.44 |

axis=0.595 |

eccentricity=0.957 |

inclination=142 |

node=129.99 |

periastron=1897.59 }}

{{Starbox visbin |

name=CCDM 14411+1344 C |

period= |

axis=103.8 |

eccentricity= |

inclination=259 |

node= |

periastron= }}

{{Starbox catalog |

names=30&nbsp;Boötis, [[Harvard Revised catalogue|HR]]&nbsp;5478+HR&nbsp;5477, [[Henry Draper Catalogue|HD]]&nbsp;129247+HD&nbsp;129246, [[Bonner Durchmusterung|BD]]+14°2770, [[Hipparcos catalogue|HIP]]&nbsp;71795, [[Smithsonian Astrophysical Observatory catalogue|SAO]]&nbsp;101145, GC&nbsp;19777, [[Star catalogue#ADS|ADS]]&nbsp;9343, CCDM&nbsp;14411+1344. }}

{{Starbox reference |

Simbad=HD+129246

| ARICNS = }}

{{starbox sources|HIP|CCDM|HR}}

{{Starbox reference |

Simbad=ADS+9343 }}

{{Starbox end}}

'''牧夫座ζ'''（ζ Boo、ζ Boötis或左攝提三）是一個位于[[牧夫座]]的亮[[雙星系統]]。其依照[[佛氏命名法]]也稱爲牧夫座30（30 Boötis）。牧夫座ζ大約距離[[地球]]181[[光年]]，其組成的兩顆星結合的[[視星等]]為+3.78。

目前，牧夫座ζ的兩顆星之間的角度距離為0.8"（此數字在兩顆恆星互相公轉時會有所變動），因此牧夫座ζ常被用作測試新的高精度拍攝技術。

[[Image:Boötes constellation map.png|thumb|left|250px|Boötes Constellation]]

其組成的兩顆恆星都是白色的[[恆星分類|A型]][[巨星]]，[[視星等]]分別為+4.43和+4.83。

<gallery>

Image:zboo lucky image 1pc.png|Zeta Bootis imaged with the [[Nordic Optical Telescope]] on 13 May 2000 using the [[lucky imaging]] method. (The [[Airy disc]]s around the stars is [[diffraction]] from the 2.56m telescope aperture.)

Image:Zeta bootis short exposure.png|Typical short-exposure image of a binary star, as seen using [[speckle imaging]] through the Earth's atmosphere.

</gallery>

===Components===

{| border="0" width="100%" cellpadding="2" cellspacing="1" style="float:right; margin-rigth:0.5em; background:#CDC9C9;"

! colspan="1" | NAME || [[Right ascension]] || [[Declination]] || [[Apparent magnitude]] (V) || [[Spectral type]] || Database references

|- bgcolor="#FFFAFA"

| ADS 9343 B (NSV 6766) || 14<sup>h</sup> 41<sup>m</sup> 08.9518<sup>s</sup> || +13° 43' 41.881'' || 3.793 || A3IVn || [http://simbad.u-strasbg.fr/simbad/sim-id?protocol=html&Ident=NSV%20%206766&NbIdent=1&Radius=2&Radius.unit=arcmin&submit=submit+id Simbad]

|- bgcolor="#FFFAFA"

| ADS 9343 C (HD 129246) || 14<sup>h</sup> 41<sup>m</sup> 08.5<sup>s</sup> || +13° 43' 42'' || 4.83 || A2III || [http://simbad.u-strasbg.fr/simbad/sim-id?protocol=html&Ident=HD%20129246&NbIdent=1&Radius=2&Radius.unit=arcmin&submit=submit+id Simbad]

|- bgcolor="#FFFAFA"

| ADS 9343 D (BD+14 2770C) || 14<sup>h</sup> 41<sup>m</sup> 01.934<sup>s</sup> || +13° 43' 23.152'' || 10.9 || || [http://simbad.u-strasbg.fr/simbad/sim-id?protocol=html&Ident=BD%2b14%20%202770C&NbIdent=1&Radius=2&Radius.unit=arcmin&submit=submit+id Simbad]

|}

===參考資料===

\* [http://webviz.u-strasbg.fr/viz-bin/VizieR-S?HR%205477 HR 5477]

\* [http://aladin.u-strasbg.fr/AladinPreview?-c=14+41+08.5%2B13+43+42&ident=HD+129246&submit=Aladin+previewer Image Zeta Boötis]

\* [http://webviz.u-strasbg.fr/viz-bin/VizieR-S?CCDM%20J14411%2b1344B CCDM J14411+1344]

===外部鏈接===

\*[http://simbad.u-strasbg.fr/sim-id.pl?protocol=html&Ident=zet+boo&NbIdent=1&Radius=10&Radius.unit=arcmin&CooFrame=FK5&CooEpoch=2000&CooEqui=2000&output.max=all&o.catall=on&output.mesdisp=N&Bibyear1=1983&Bibyear2=2005&Frame1=FK5&Frame2=FK4&Frame3=G&Equi1=2000.0&Equi2=1950.0&Equi3=2000.0&Epoch1=2000.0&Epoch2=1950.0&Epoch3=2000.0 Zeta Boötis's record on Simbad]

\* [http://www.alcyone.de/cgi-bin/search.pl?object=HR5477 HR 5477]

{{star-stub}}

[[Category:牧夫座]]

[[Category:聯星]]

[[Category:A-type giants]]

{{star-system-stub}}

[[es:Zeta Bootis]]

[[sk:Zeta Bootis]]