

Just north of  $\gamma$  is  $\pi$ , the only pretty and fairly easy double in the constellation. The components, of 6 and 6.8 magnitudes, 1".5 apart, are at a position angle of 120°.7.

$\delta$ ,  $\eta$ , and  $\theta$ , of 3d to 4th magnitudes, in Antinoüs, were **Al Mizān**, the Scale-beam, of early Arabia, from their similar direction and nearly equal distances apart.

$\epsilon$ , 4.3, and  $\zeta$ , 3.3, green.

Each of these is known as **Deneb**, from **Al Dhanab al 'Oḡāb**, the Eagle's Tail, which they mark.

In China they were **Woo** and **Yuē**, names of old feudal states.

$\eta$ , in Antinoüs, is a noteworthy short-period variable of the 2d type, discovered by Pigott in 1784, yellow in tint, and fluctuating in brilliancy from 3.5 to 4.7 in a period of about seven days and four hours, and thus a convenient and interesting object of observation for midsummer evenings.

Its spectrum is similar to that of our sun, and Lockyer and Belopolsky think it a spectroscopic binary.

$\theta$  was the Chinese **Tseen Foo**, the Heavenly Raft.

$\iota$ , 4.3, and  $\lambda$ , 3.6,

were **Al Thalimain**, the Two Ostriches, by some confusion with the not far distant stars of like designation in Sagittarius; but the Grynæus *Syntaxis* of 1538 gave  $\lambda$ , with some others unlettered, as belonging to the Dolphin.

$\iota$ , with  $\delta$ ,  $\eta$ , and  $\kappa$ , was **Yew Ke** in China, the Right Flag;  $\rho$  being **Tso Ke**, the Left Flag.

$\lambda$ , with  $h$ ,  $g$ , and some stars in Scutum, was **Tseen Peen**, the Heavenly Casque.

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And this you note but little time aloft;  
For opposite Bear-watcher doth it rise.  
And whilst his course is high in air,  
It quickly speeds beneath the western sea.

Robert Brown, Junior's, translation of the *Phainomena* of Aratos.

### **Ara, the Altar,**

**Altar** in Germany, **Altare** in Italy, **Autel** and **Encensoir** in France.

It is located as Aratos described it —

'neath the glowing sting of that huge sign  
The *Scorpion*, near the south, the *Altar* hangs;