

lowing stars that some consider it as having decreased since Bayer's day, and perhaps changed in color, for Al Sufi called it red.

$\beta$ , a ruddy yellow 3d-magnitude star, seems unnamed except in China, where it is **Tso Hea**, the Left-hand Linch-pin; but under this title were included  $\gamma$ ,  $\delta$ , and  $\eta$ .

$\gamma$ , 2.3.

**Gienah** is from Ulug Beg's **Al Janāh al Ghurab al Aiman**, the Right Wing of the Raven, although on modern charts it marks the left. **Algorab**, given in the *Alfonsine Tables* to this star, is now usually applied to  $\delta$ .

$\gamma$  is the brightest member of the constellation, and some Chinese authorities said that it alone marked their 11th *sieu*. It culminates on the 10th of May.

$\delta$ , Double, 3.1 and 8.5, pale yellow and purple.

**Algorab**, the generally received modern title, is from the *Palermo Catalogue*; Proctor has **Algores**. It is on the right wing, and at the upper left corner of the square. The components are 24'' apart; but, owing to its color, the smaller is not readily distinguishable. The position angle is  $210^\circ$ .

All the foregoing stars,  $\epsilon$  being added, constituted the 11th *nakshatra*, **Hasta**, the Hand, with Savitar, the Sun, as its presiding divinity;  $\delta$  marking the junction with **Citrā**, the next lunar station.

The 11th *sieu*, **Tchin**, the Cross-piece of a chariot, anciently **Kusam**, contained  $\beta$ ,  $\gamma$ ,  $\delta$ , and  $\epsilon$ ; but, according to some authorities, only  $\gamma$ . This, however, always was the determining star.

$\zeta$ , a 6th-magnitude double, almost on the limit of invisibility, strangely seems to have borne a name in China,—**Chang Sha**, a Long Sand-bank.

Al Birūni said that with  $\beta$ ,  $\gamma$ , and  $\delta$  it marked the hind quarters of the monstrous early Lion.

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. . . the generous Bowl  
Of Bacchus flows, and cheers the thirsty Pole.  
Creech's *Manilius*.

### Crater, the Cup,

is the French **Coupe**, the German **Becher**, and the Italian **Tazza**, formed by several 4th- and 5th-magnitude stars above the Hydra's back, just westward from Corvus, and  $30^\circ$  south of Denebola, in a partly annular form