

The other 'neath the dusky Monster's tail.

Brown's *Aratos*.

$\beta$ , 2.4, yellow.

**Deneb Kaitos** is from the Arabian **Al Dhanab al Kaitos al Janūbiyy**, the Tail of the Whale towards the South, *i. e.* the Southern Branch of the Tail. Chrysococca synonymously had 'Οὐρα τῶν Καίτων, arbitrarily formed from the Arabic; and the *Alfonsine Tables* of 1521 called it **Denebcaiton**.

Very differently it was the Arabs' **Al Difdi' al Thānī**, the Second Frog, that we see in the present **Difda**, Latinized as **Rana Secunda**; the star Fomalhaut being **Al Difdi' al Awwal**, the First Frog.

In China it was **Tso Sze Kung**, Superintendent of Earthworks.

Although below it in lettering, this star is now brighter than  $\alpha$ , yet both were registered  $\gamma$ —*i. e.* of the 3d magnitude—by Ptolemy; and Miss Clerke asserts that this inversion of brilliancy took place during the last century. It is nearly  $40^\circ$  southwest from  $\alpha$ , culminating on the 21st of November.

One third of the way towards  $\beta$  Andromedae is a group of unnamed stars from which Smyth said that a new asterism, **Testudo**, was proposed.

$\gamma$ , Double, 3.5 and 7, pale yellow and blue.

**Al Kaff al Jidmah** is the Arabs' name for the whole group marking the Whale's head, but in modern lists is exclusively applied to this star.

The components are  $2''.5$  apart, at a position angle of  $290^\circ$ .

$\epsilon$ , of the 5th magnitude, with  $\pi$ , was a part of the **Ostrich's Nest** that mainly lay in Eridanus; and, with  $\pi$ ,  $\rho$ , and  $\sigma$ , also was Al Sufi's **Al Sadr al Kaitos**, the Whale's Breast.

Notwithstanding its lettering, it is the faintest of these four stars.

$\epsilon$ ,  $\rho$ , and  $\sigma$  were the Chinese **Tsow Kaou**, Hay and Straw.

$\zeta$ , 3.9, topaz yellow,

is **Baten Kaitos**, the Arabian **Al Baṭn al Kaitos**, the Whale's Belly, although the star is higher up in the body. The *Alfonsine Tables* had **Batenkaiton** and **Batenel Kaitos**; and Chilmead, **Boten**.

In astrology it portended falls and blows.

It forms, with the 5th-magnitude  $\chi$ , a very coarse naked-eye double; and itself has a  $7\frac{1}{2}$ -magnitude companion  $3' 6''$  distant.

$\eta$ , 3.6, yellow.

**Deneb** and **Dheneb** are names for this star, especially in English lists, maps, and globes; but incorrectly, as  $\eta$ , on the Heis *Atlas*, lies at the base