perhaps the diminutive of rutilus, "golden red," or "glittering," an adjective applied to Arcturus; but this term is by no means appropriate for β . The Arabo-Latin Almagest of 1515 reads rutillico, adding propinque cillitico, this last unintelligible unless explained by the Basel edition of 1551 as penes axillam seu scapulam; so that we may perhaps consider the alternative title to be from the barbarism used to show the star's position on the shoulder of the figure. Indeed, Bayer said of it, Rutilicum barbari dicunt. Ideler, however, asserted his belief that it was from rutellum, the diminutive of rutrum, a sharp instrument of husbandry or war, in Roman times, that Hercules in some early representations, especially on the Arabic globes, is carrying. The Century Cyclopedia gives Rutilico as a rarely used name.

 β was the Chinese **Ho Chung**, In the River, while the 4th-magnitude γ was **Ho Keen**, Between the River.

Its spectrum is like that of the sun, and the star is approaching our system at the rate of about 22 miles a second.

 ζ , 3.1 and 6.5, is a remarkable binary with a period of only 34½ years, the distance between the stars ranging from o".6 to 1".7. According to Belopolsky, it is approaching us at the rate of nearly forty-four miles a second,—the greatest velocity of approach or recession so far ascertained.

 θ , 4.1, with adjacent small stars, was **Tien Ke**, Heaven's Record.

x, Double, 4.8 and 7, light yellow and pale garnet.

Marfak, Mirfak, Marsia, Marfic, and Marsic are all found for this star,—as for λ Ophiuchi; but it properly is Marfik, from Al Marfik, the Elbow; the titles written with the letter s probably coming from early confusion with the letter f. The Dorians similarly called it $K i \beta i \tau o \nu$, the Elbow.

In China, with two other stars near by, it was **Tsung Tsing**, an Ancestral Star.

Ptolemy and the Arabian astronomers located it on the right elbow, but Smyth on the left; Heis places it in the right hand, as did Bayer; while Burritt has Marsic in the proper place, but letters it χ .

λ, 4.8, deep yellow.

Masym, Maasym, Maasim, Mazym, Mazim, and Masini are from the Arabic Misam, the Wrist, although Ptolemy as well as most of the stellar map-makers located o on that part of the figure; but Bayer, probably by an oversight, gave the title to λ , not far from the left shoulder, and hence the mistake which still survives. Burritt applied Masym to this lettered