

and Philippines. The cowry found in the Philippines, however, like that of the eastern coast of Africa, is not the *Cypræa moneta*, but the *Cypræa annulus*, and MARTENS states in 1872 (SCHNEIDER, 108) that all the cowries he still found on the market in Siam were *Cypræa annulus*. That the fall in the value of the cowry in Siam c. 1830-1850 should be connected in any way with the substitution on a large scale of the *Cypræa annulus* for the *Cypræa moneta* is, however, by no means certain, since a similar depreciation occurred about the same time in Orissa, where the *Cypræa moneta* alone seems to have circulated.

From GERVAISE's description (p. 151-152), «round on one side as a musket-ball, and on the other flat with a slit in the middle», as well as from the plate in LA LOUBÈRE, it is clear that the former silver coinage of Siam was but an imitation of the cowry, and even now the monetary nomenclature retains traces of the former cowry currency. In contemporary Siam, as in the seventeenth century, the money unit is the «tical» (this term, used by foreigners, is not Siamese; cf. YULE, *Hobson-Jobson*², 918; Sir R. TEMPLE, in *Indian Antiquary*, xxvi, 253 sq.; FERRAND, in *JA*, 1920, II, 254), in Siamese *bāt*, or *ngõn bāt* (lit. «silver *bāt*»). But there are special words for four «tical», *ngõn tāmllũng nũng*, lit. «one silver *tāmllũng*» (*nũng* = one), and for eighty «tical», *ngõn xǎng nũng*, lit. «one silver *xǎng*»; while to express «twenty tical» or «forty tical», one does not say «twenty *bāt*» or «forty *bāt*», but «five *tāmllũng*» or «ten *tāmllũng*». Although there is a word for 0.01 of a «tical», *sātang* (*sātang nũng*), so that for 0.25 of a «tical» one can say «25 *sātang*», the classical term for 1/4 of a tical is *ngõn sālũng*, «[one] silver *sālũng*»; 1/8 of a tical is *ngõn fũâng*, «[one] silver *fũâng*»; 1/64 of a tical is *āt nũng*, «one *āt*». But *ngõn fũâng nũng*, «one silver *fũâng*», is also the designation of «800 cowries», as it was according to the scale used from the sixteenth century to the first part of the nineteenth. A «string» of cowries is *tǎb nũng*, «one *tǎb*», and, although I find no precise statement to this effect, I suppose it to have originally been 80 cowries. So in Siam the whole silver monetary system of the present day is on a basis of $4 \times 20 (4 \times 5 \text{ or } 5 \times 4) \times 10$, and of sub-multiples of 4 and 8 (4×2). It still reflects, to a great extent, the scale known for the cowries in Yün-nan under the Ming dynasty, with its «strings» of 80, made up of $4 \times 4 \times 5$.

Polo mentions also the use of a cowry currency in Bengal, the part of India where, in fact, this currency has been mostly employed in modern times. Information on the cowry currency in India is multifarious and, for the modern period, precise; I shall limit my remarks to the discussion of Chinese sources and the elucidation of some questions connected with the scale and the value of this currency.

The usual names of the cowry in Sanskrit are *kaparda* (> *kapardaka*, *kapardikā*) and *varāṭa* (> *varāṭaka*), once *śvetikā*, «the white one» (cf. STEIN, *Rājataranginī*, II, 324), and the first two are certainly old, but they have not been traced hitherto in early texts of a certain date. Bhāskara (not «Blankara» as in SCHILDER, 324) and Daṇḍin are approximately dated in the sixth century of our era. Fa-hsien, who travelled in India at the beginning of the fifth century, antedates them when he says of the people of India proper (Madhya-deśa) that in trade they use cowries (*pei-ch'ih*; cf. LEGGE, *A Record of the Buddhistic Kingdoms*, 43; on *pei-ch'ih*, cf. *supra*, p. 542).

In his general description of India Hsüan-tsang, who travelled there in the second quarter of the seventh century, says (cf. Stan. JULIEN, *Mémoires*, I, 94) : «In trade they use (*huo yung*),