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# Hinc sunt leones — two ancient Eurasian migratory terms in Chinese revisited<sup>1</sup>(2)

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#### 4. Designations for 'lion' in neighbouring languages, loan proposals in the literature

Since — as we saw above — that the Asiatic lion was probably never native to China, let us now turn to possible loan sources of suarfini and  $sh \not \in \mathring{S}$  and briefly review some names for the 'lion' in the languages and language groups adjacent to the Old Chinese speaking territory.

#### 4.1 Altaic

To the North and Northwest, in the 'Altaic' languages, we find a totally unrelated word in Turkic arslan, which was in turn borrowed by Mongolian<sup>2</sup>, Manchu and most other Tungusic languages, Cheremis,

<sup>&</sup>lt;sup>1</sup> This is the revised form of a talk presented at the 31<sup>st</sup> International Conference on Sino-Tibetan Languages & Linguistics (Lund University, Sweden, 1-4 October 1998). I wish to thank Edwin G. Pulleyblank (UBC Vancouver) and Frits Kortlandt (VTW, Universiteit Leiden) for their comments on that occasion, as well as Victor Mair (University of Pennsylvania) and Manfred Frühauf (Sinicum, Bochum), who read earlier drafts of this paper, for their helpful suggestions. Special thanks to Lars Werdelin (Paleozoology, Swedish Museum of Natural History, Stockholm) and Luke Hunter (Mammal Research Institute, University of Pretoria) for providing me with zoological references on the Asiatic Lion, to Gonzalo Rubio (Ohio State University, Columbus), Nicole Vanderroost (Université Libre de Bruxelles), Rudi Mayr (CNWS, Universiteit Leiden & Lawrenceville School, N.J.) for pointers to Sumerological works, and to Dymitr Ibriszimow (Unibersität Bayreuth) for answering questions on Chadic and Cushitic. Research on this paper was carried out while I was a Fellow at the International Institute of Asian Studies, Leiden, The Netherlands, in 1998.

Monguor, however, borrowed vhQJ1'lion' from Tibetan, cf. Róna-Tas (1966: 84/#555).

Hungarian, and even Balkan languages such as Serbian, Macedonian and several Bulgarian dialects:<sup>3</sup>

(1) Turkic arslan → Mongolic arslan, arsalan, aslan, arsalaQ; → Manchu arsalan; → Persian arslæn, æslæn, → Kurdic eslan, e'slan, ârslân, arslân, ârslân, aslan etc.; → Cheremis arsalan; → Hungarian oroszlán (arszlán 'social lion, carpet knight')

It is readily apparent, that this widespread word for the lion is neither related to the Indo-European nor to the Chinese designations, although Persian and Kurdish borrowings from Turkic eventually superseded earlier Iranian forms (on which see below) in several Middle Iranian languages and survived into some of their modern descendants.

#### 4.2 Indo-European

#### **4.2.1** Indic

<sup>&</sup>lt;sup>3</sup> Cf. Doerfer (1963-75, TMEN 2: 39-49).

Eichner (1982: 20 n. 18).
 Petersson (1923: 12).

<sup>&</sup>lt;sup>6</sup> Martin (1987: 527).

'noble' + peura 'reindeer'. Sanskrit v16 kd on the other hand, has been compared to Armenian *inj/inc* 'leopard, panther' since Meillet.<sup>8</sup> Recent authors would go so far as to link the posited Indo-Armenian root freehandedly incorporating Tocharian A ¾¾k, ¾¼k-, B €cake 'lion' (on which see below) as well — to Hamito-Semitic, Altaic and Dravidian forms to suggest a Proto-Nostratic root \*Slz VQjE 'leopard'. The meanings of the reflexes of this all-encompassing proto-form would einzelsprachlich range from 'leopard' (Chadic, Cushitic, Dravidian) through 'wolf' and 'mythical dog', to 'bear' (Tungusic) or even 'hyena' (Dravidian), while it is not even clear if Armenian and Greek, let alone Tocharian, can be derived from *one* Indo-European root. Indeed, Paul Thieme saw Sanskrit v16 kd as new formation totally unrelated to Armenian, derived from tabooistic replacement of kb v=0 noxious, dangerous, bloody, deadly etc.'. On the other hand, this explanation seems utterly ad hoc, so most authors, including Mayrhofer in his Indo-Aryan etymological dictionary, still prefer to view Sanskrit vb kd as a loanword, albeit from an unspecified source. 11 As Polomé (1989) has conclusively shown, the often noted Anklang with Swahili simba 'lion' is purely fortuitous. In fact, simba belongs to a large set of mainly East African terms going back to (Guthrie's) Proto-Bantu \*-címbà 'wild-cat,

<sup>&</sup>lt;sup>7</sup> Austerlitz (1989: 3).

<sup>\*</sup>reuge 'to roar' (Hom. "Ot Offi < ~\alpha" roar, growl; vomit', Lat. rugi ÷ 'roar', OCS ull' lati 'neigh, roar' etc.), cf. Gamkrelidze & Ivanov (1984, II: 511).

Dolgopolsky (1998: 21/#4).

<sup>&</sup>lt;sup>10</sup> Thieme (1953: 55-56, 1972, 1994: 327-328).

<sup>&</sup>lt;sup>11</sup> Mayrhofer (1996, II: 727), Witzel (1995: 101). The word is also included in Kuiper's list of "Foreign Elements in the Rigvedic Vocabulary» (1991: 93/#373).

feline', which was semantically specified as 'lion' in the savannah region.  $^{12}$ 

#### 4.2.2 Iranian

In Iranian, the group of Indo-European languages which was located most closely to the Old Chinese territory besides Tocharian, we find the following forms for the 'lion': <sup>13</sup>

(2) Buddhist Sogdian whîz, Manichean Sogdian whzî, Parthian whij, why Zoroastrian Pahlavi why Khwarezmian whi, Khotanese whik (Bailey < \*whij-dæd- 'to pounce and creep' with unexplained deletion of \*-j-!), New Persian \*\mathcal{P}r\) (Bailey: from sar- < \*haiz- 'to pounce'; but notice irregular correspondances between Khotanese and Sogdian) 14; Old Persian name compounds with \*\mathcal{U}rku\)- since the seventh century B.C. 15

Notice that no convincing Indo-European etymology for any of these forms has been advanced in the literature, although it has been argued quite forcefully by Henning that a Middle Iranian form like Khwarezmian vahâ (reflecting \*vahîh> \*vahîh> \*vahîl) could be the ultimate source of Chinese suænní, thus effectively making it "one of the first, perhaps even the first, of the Iranian words that found a home in China". <sup>16</sup> From the viewpoint of Old Chinese reconstruction, this proposal crucially hinges upon the possibility of positing a final \*-u in

<sup>&</sup>lt;sup>12</sup> Contra Autran (1946: 217), who speaks of "relations inévitables et immémoriales» between India and Africa in this context.

<sup>&</sup>lt;sup>13</sup> Bailey (1967: 358, 1979: 421).

<sup>&</sup>lt;sup>14</sup> The Burushaski forms Yasin  $\Re u$  'lion' and Werchikwar  $\Re u$  'lion, tiger' all derive from Modern Persian or Urdu, cf. Berger (1974: 177), Lorimer (1938: 326a, 1962: 219a). This is also the case of Nepali ser, which is the common designation for thee 'lion', besides  $v \wr line k li line k line k$ 

<sup>&</sup>lt;sup>15</sup> Gershevitch (1970: 90).

<sup>&</sup>lt;sup>16</sup> Henning (1977: 614). See also L\(\xi\) G\(\mathbf{G}\) et al. (1984: 315, 329), X\(\xi\) W\(\xi\) w\(\mathbf{c}\) h\(\mathbf{C}\) (1993).

the subclass of the traditional  $w\acute{e}n$   $\dot{\chi}$ -rhyme group to which su@n belongs. This split, motivated by rhyming data, homophonophoric-patterns, and a root-structure constraint against the appearance of two rhotics within a mono- or sesquisyllabic Old Chinese root, was first proposed by Starostin<sup>17</sup>, and, as I have tried to show in detail elsewhere is very plausible despite the fact that it can not yet be corroborated by inscriptional evidence.

In any case, a Middle or even Old Iranian language would then also underlie several Tibeto-Burman reflexes of the same root in Written Tibetan and dialects, as well as Stau, ±aû-±uû, Lepcha, rGyarong, Ménba, Dèng, PÏmŠ Zæbà, Mùy¹, Guìqióng, Shšæðig and other modern Tibeto-Burman languages¹9, which all show phonetically similar forms and geographically form a rather compact "Northern" Tibeto-Burman cluster. Cf. for instance—

(3) Classical Tibetan vhû jh, vhôojh, Amdo vhôojh, Balti vhốojh, Mustang vhôn j<sup>0</sup>; Stau vhoai; ±aû-±uû sang-go <sup>21</sup>; Lepcha s ling-gi; rGyarong sæg-ge; Mùy¹ si<sup>55</sup>-Qgi<sup>53</sup>; Cuònà Ménba se g<sup>55</sup>ke<sup>55</sup>; Ji liong Plimšsi g<sup>55</sup>gi<sup>55</sup>, Gémàn Dèng s < g<sup>55</sup>gi<sup>55</sup> etc

Yet this scenario is rather unlikely, since *all* of the languages quoted show a velar nasal in the offset of the first syllable, despite the fact that the phonotactics of *some* of them, including Written Tibetan, do certainly *not* preclude a final \*-u Since it cannot be assumed in this case that we are dealing with an instance of linguistic "drift" (in the sense of Sapir), and because it is also not to be expected, that *all* of the languages would have borrowed their word for 'lion' from Chinese during the rather small time-window *after* the shift from \*-u > \*-q, but *before* the lexical replacement of  $su \, all \, al$ 

<sup>&</sup>lt;sup>17</sup> Starostin (1989: 228-41).

 $<sup>^{18}</sup>$  Behr (1997: 504-515). For an earlier hint at the OC distinction between \*-r : \*-l : \*-n cf. Unger (1986).

<sup>&</sup>lt;sup>19</sup> See the entries in Huáng Bùfán et al. (1992: 102).

<sup>&</sup>lt;sup>20</sup> Kretschmar (1995: 487).

<sup>&</sup>lt;sup>21</sup> Haarh (1968: 41).

the majority of the languages in question borrowed their word for 'lion' directly from Tibetan.

The possibility, considered by Laufer<sup>22</sup>, that Tibetan whitojh itself was a loanword from a Late Middle Indian PrEkrit (i.e. Aphabraô 3/a, ranging, roughly, from the fourth to the twelfth century A.D.) form of Sanskrit viô kơl0like vilû jkxớ, viô jkxớ has to be seriously entertained as well, despite the apparent problems of the final vocalism. The nominative singular ending in -u in Sanskrit a-stems is a diagnostic feature of Aphabraô ¾, while -e, which would be needed to account for the Tibetan form, is a typical Middle Indo-Aryan 'Maghadism', i.e. a form predominantly appearing in eastern Indian inscriptional Prokrits between the second and fourth centuries A.D. 23 While Sanskrit v16 kd0 develops regularly into Middle Indo-Aryan with lengthening of the nasalized vowel before -k-, whence Skt. v26 kd0> PEi v3kdQ Pkt., v3kdQ v26 kdQ Pañjakð v270 etc., several Pr@krits produce g-forms with an unconditioned "Verschärfung», which also survive as alternatives in Hindő vákaðik<sup>24</sup> Mæadhő however, does not belong to these Prakrits and would, if anything, undergo lenition and spirantization, rather than strengthening to -g-. 25 In fact, none of the lanuages listed in Turner's Comparative Dictionary displays a combination of Verschärfung and nominative u-vocalism26, while typical Aphabraô 3/a-forms encountered in texts are vokado or vokaxo<sup>27</sup> In any case, most of these developments would be much too late to explain a Tibetan word attested since the earliest texts in that language, let alone its Chinese parallels. Since we simply do not know, if Old Tibetan final  $-\hat{u}$  ultimately derives from a dental nasal, which was assimilated to the velar initial of the second syllable, after evolving from \*-u under unknown conditions, Occam's razor would certainly rather lead us to the provisional assumption, that Old Chinese and most of the Tibeto-Burman languages quoted, as well

<sup>&</sup>lt;sup>22</sup> Laufer (1916: 464/#63).

<sup>&</sup>lt;sup>23</sup> Bubenik (1996: 19, 72-74).

<sup>&</sup>lt;sup>24</sup> Von Hinüber (1986: 74).

<sup>&</sup>lt;sup>25</sup> Bubenik (1996: 54-58).

<sup>&</sup>lt;sup>26</sup> Turner (1962-66, I: 772/#13884).

<sup>&</sup>lt;sup>27</sup> Pischel (1902: 406, 418).

as Iranian received their forms from an unknown underlying "donor" language of Central or Southern Asia.

#### 4.2.3 Tocharian

Coming back to  $sh \partial sh \partial S$  it is quite obvious that this term, if from an Iranian source, could only have been borrowed during a rather late period, allowing for a phonetic proximity with New Persian  $\mathfrak{D} \iota^{28}$  Since this is not in accordance with the textual evidence given above, let us first reconsider the possibility of a Tocharian loan source.

Apart from Toch. B  $v \not D k h$  a loan from Sanskrit  $v \not D k h$  'lion', and the possible Toch. A reflex lu 'beast' (gen. lw-es, nom.pl. lw-es instr.pl. lw-es oetc.) of the most widespread Indo-European root for 'lion' \*leu- (cf. Latin le  $\div$ , gen. le  $\div nis$ , borrowed from Greek es of es lewont-, cf. already Mycenean Instr. pl. es permanic \*liuwaz < PIE \*leu-os; Homeric es is unrelated (in compounds), the indigenous word for 'lion' in Tocharian is A es es is unrelated (in compounds), B es cake. This word, in its Toch. A shape, was first likened to Chinese es es Dy Paul Pelliot in his review of Sieg/Siegling's es Tocharische es Grammatik (in typical philological prudence Pelliot wrote:

"Bien que je croie que le chinois 獅 che (ou 師子 chetseu, où tseu est un affixe substantif chinois), "lion", se rattache aux formes iraniennes qui ont abouti à pers. Đạ

<sup>&</sup>lt;sup>28</sup> Indeed, Forrest (1948: 120), following Giles, saw *shc*as a loanword from Persian.

<sup>&</sup>lt;sup>29</sup> Cf. Gamkrelidze-Ivanov (1984, II: 507-08) with explanations and a list of modern reflexes. Both Greek roots have *Anklänge* in several "Afroasiatic» and Kartvelian languages, and have been rightfully described as Ancient Near Eastern *Wanderwörter* by Gamkrelidze-Ivanov (1984, II: 510). For a possible Hamito-Semitic parallel cf. Orel & Stolbova (1995: 355/#1636, s.v. \*ਕੋਦਸ਼\*ਕੇਦਰੋ, for a careful and comprehensive treatment of the interconnections implied by this type of migratory term see Kammerzell (1994), while Heimpel (1987-1990) is an excellent sketch of the cultural and religious background. Cf. also Dolgopolsky (1998: 20/#3, s.v. '\*2 ū avvv').

<sup>&</sup>lt;sup>30</sup> Göttingen: Vandenhoeck & Ruprecht 1931.

le tokh. ¾Pän, d'origine obscure, ne peut être encore écarté complètement. 31

Shortly after Pelliot, the direction of the loan contact was reversed in Heinrich Lüders' discussion of the origins of zodiac systems in East Asia, who claimed that the name for the lion was borrowed by the Tocharians from Chinese. As it is well-known, E.G. Pulleyblank first rejected the interpretation of works as a suffixed hybrid compound in 1962, arguing that the Tocharian word, especially in its B shape, should be interpreted as the source of Chinese works (EMC \*\*\*EHWIE< WHC \*\*\*REGHECE\*\*CO), where source of the transcription.

In order to evaluate this hypothesis, which has figuered largely in recent discussions about the antiquity of Chinese-Tocharian lexical and cultural contacts triggered by the discovery of the  $X \delta ij G ng$  mummies, it would be desirable to know, whether the Tocharian word has a solid Indo-European pedigree, or whether it has to be analyzed as a loanword itself. Unfortunately, the etymology of Toch. A 33ik, B Cake is far from clear, although there has been no lack of attempts to tackle the problem, which I will briefly review here:

- (a) Schwentner (1939) derives Toch. A \*\*Xik\* from a non-attested Skt. \*\*nh\*\text{2nd}\* 'having a mane', pointing to the lexicographically attested nh\*\text{AqQ} In this he is followed Pokorny\* who relates the Tocharian words to the IE root \*ndlv- 'hair, mane', although he still views both words as loans from Sanskrit.\*\*
- (b) Pedersen (1941: 246-7) points out that the B-form must be older than A ¾¾k, for which he proposes a derivation < \*vl/dh < \*vl/fn/db by long-distance assimilation. He refutes

<sup>&</sup>lt;sup>31</sup> Pelliot (1931: 449).

<sup>32</sup> Lüders (1933: 1018, n. 1).

<sup>&</sup>lt;sup>33</sup> Pokorny (1959, IEW II: 520).

<sup>34</sup> Cf. Latin *caesaries* 'hair on the head'. Notice that Toch. A also sometimes metaphorically uses *nhvali* ( — Skt. *nhvalia*) 'the maned one' for 'lion', as in the Tocharian version of the list of the '32 physiognomical characteristics of a Great Man' (gyand hap akasxivalia) discussed by Ji Xiànlín (1982: 16).

- Schwentner's etymology ("dafür spricht nichts») but does not deny the loan status of the word in Tocharian.
- (c) Van Windekens (1941: 120-121), sees both forms A and B as related to IE \*vhg-h- 'to attach to' (i.e. Ved. & vandod why valuadetc., Old Persian  $ha_{(n)}j$ -; Lith. segù, segti 'to attach to, clip, baste'; also Old Church Slavonic pri-s go,: -s iti 'to touch, grab', i.e. IE \*v-nhth-j-nh-)<sup>35</sup> thus deriving them from an original meaning "animal à crinière», without further elaboration of the sound changes involved.<sup>36</sup>
- (d) Van Windekens (1964: 227-229), claims that both A and B, as well as Sanskrit vB kd 'lion' and Armenian inc 'leopard' "trouvent leur origine dans quelque langue asiatique».
- (e) Twelve years later (1976: 480-1), he reconsiders his own etymology, deriving Toch. A 光線k < PIE \*v验h-tr- (and the variant A 光線k= < \*vlwh-tr-), Toch. B &cake < \*vlwh-tr (cf. Lat. saeta 'soies, crins, poil (rude) d'un animal, piquants crinière'), i.e. ultimately from PIE \*vln(1)-/\*vEl/si- 'to bind'<sup>37</sup>, with a proposed semantic extension ⇒ 'bound' ⇒ 'band' ⇒ 'bristle of an animal'.<sup>38</sup>
- (f) Adams (1984) proposes a derivation of Toch. A ¾¾¼k by 'contamination' with ¾¾¼i 'mane' and through long-distance assimilation < \*vvlbvlh-< \*vvlbvlh-< \*vvlbvlh-< \*vvlbvlh-< \*vvlbvlh-<

<sup>&</sup>lt;sup>35</sup> See the discussion of this root in Rix, Kümmel et al. (1998: 468) and Werba (1997: 249-50, s.v. vz.m).

<sup>&</sup>lt;sup>36</sup> The derivation from an etymon meaning 'mane' was also envisaged by Poucha (1955: 324), who compared Cymr. *hoenyn* (\*vrjqr-), *hwynyn* 'hair; hunting net', but did not refer to van Windekens' proposal.

<sup>37</sup> I.e. laryngealist \*vhk<sub>2</sub>(1)-, cf. Ved. vlq3vl(< \*vl-qh(q-k<sub>2</sub>-) 'ties up, binds', Lith sienu, siet 'to bind'. For other derivations of this root see Rix, Kümmel et al. (1998: 471).

This idea is hesitatingly accepted by Miliut |-Chomiûenkien | (1990: 141-2).

- < \*vlqjthnr- vs. B @cake, through loss of nasal < \*vhqfdnh < (Proto-Toch. Ablaut variant:) \*vlktvdhh.³9</p>
- (g) Kitson (1996: 215 n. 3), reviewing Adams' ingenious derivation, relates that "... professor [Werner] Winter insists that the Tocharian alleged cognate (of Skt. v16 kd, Arm. inj/inc) will not sustain Adams reconstruction beyond the initial letter, so it must be definitey discarded.»<sup>40</sup>
- (h) Donald Ringe (p.c.) considers all etymologies, including Adams', unbeleivable, and I will try to summarize some of his arguments in the following section.

<sup>39</sup> Adams (1999: 660) sticks to the idea of a contamination with ¾¾i. Notice however, that he apparently does not consider the derivation from IE \*vlqj@mr-valid any longer.

<sup>&</sup>lt;sup>40</sup> This verdict was confirmed by Professor Winter in a letter to the author (October 6, 1998).

<sup>41</sup> Ringe (1996: 148-150, § 59).

<sup>42</sup> Ringe (1996: 146-48, § 57).

<sup>43</sup> Ringe (1996: 145-46, § 56). 44 Ringe (1996: 102-103, § 46).

Ringe (1996: 102-103, § 46).

Ringe (1996: 106, § 46).

<sup>46</sup> Ringe (1996: 104, § 46). Cf. for all of these developments also Winter (1962).

concerned, Toch. A -i- may reflect PPT long \*-5- going to Proto-Tocharian (PT) \*-i-, PT \*-@v- < PPT \*-ev-, or, eventually, a short PPT \*i-, \*-e- or \*-u- followed by a nasal, which went to \*-y before the following palatal (i.e. PPT \*CiN-, \*CeN- > PT \*CYCN- > Toch. A \*Cyin->  $\hat{C}$ 'i-, \*CuN-> \*C $\hat{C}$ N-> \*C $\hat{C}$ y->  $\hat{C}$ y->  $\hat{C}$ i-). Yet Toch. B -e- must go back to a non-high vowel, i.e. either PT \*-Đ- > -e- or PPT \*-o- > PT \*-í-> -e-. Adding to these phonological mismatches is the morphological fact that the *only* other Tocharian noun showing a similar pattern of inflection, i.e. a Toch. A word which behaves as though the stem vowel, lost in the singular, had originally been PT schwa, whereas the stem vowel of the presumed Toch. B counterpart is -e, is A r €ake : B ri €ak ' €2 seer'48, an obvious Iranian loanword. Notice also, that the ablaut variants, posited to account for the diverging vocalism in the first syllable, would be highly unusual for an unanalyzable noun. It is thus clear that Adams' etymology can not be upheld without acceptance of considerable irregularities.

Indeed, the whole situation looks strongly as if the words for lion were borrowed into Tocharian only considerably after A and B had begun to diverge.<sup>49</sup> Judging from the chronology of Iranian loanwords in Tocharian and glottochronological considerations, a conservative estimate for the time of the split of the two dialects would be the first century A.D<sup>50</sup>, i.e. roughly the time when the first attestations of Chinese sh & Start to appear. Shortly after this period, East Tocharian was already moribund, a kind of church or book language of the Tocharian Buddhists, which was also used as a prestigious medium of mission among the

<sup>&</sup>lt;sup>47</sup> See Ringe (1996, chap. 6 & 8 on the development of vowels, chap. 7 on palatalization). Cf. also Penney (1976-77: 80-85).

Krause & Thomas (1960 129, § 180.1c), Ringe (1996: 85 n.1).

<sup>&</sup>lt;sup>49</sup> The idea of Blatek (1984: 392) that both Tocharian forms might be borrowed from a compound deived from a combination of an (unattested!) Sino-Tibetan \*si 'lion' + a reflex of the Tibeto-Burman root for 'leopard' \*zik (Benedict & Matisoff 1972: 27/# 61 with reflexes), cannot be verified.

Cf. K.T. Schmidt (1985: 765).

Turks.<sup>51</sup> In any case, a possible late PPT matrix of reconstructions accounting for Toch. A 3/3/ak —

$$* \quad \begin{bmatrix} \mathring{o} & & & \\ ey & & \\ \mathring{d}^{zy} & i & & \\ e & N & d^{zy} \end{bmatrix} \times \times 1$$

can certainly not be easily reconciled with the Chinese reconstruction. Tocharian B —

$$* \quad \left|\begin{smallmatrix} s^y & \mathbf{1} \\ \mathbf{E} & & t \end{smallmatrix}\right| \times \mathbf{h}$$

on the other hand, located further away from the Chinese speaking territories than A, might with some goodwill be considered a possible source for Chinese sh&\(\varphi\) if and only if, z\(\varphi\) was not already a suffix at the time of the loan transfer, which is overwhelmingly likely.

So, on balance, I think that while Tocharian A can be safely excluded as the donor language, it is likely that Tocharian B, as well as Chinese borrowed the term for the 'lion' from a *third* substrate language<sup>52</sup>, most likely spoken in a region where the lion was native. We must assume that the Chinese had knowledge of the lion very early on, which survived in the semi-hapax form of suaní that ultimately goes back to Iranian predecessors. It remains to be shown whether the younger word for the lion, shaž had Iranian affiliations as well. Apparently neither of the forms is related to another root attested in Tibeto-Burman, and

 $<sup>^{51}</sup>$  Cf. Winter (1984: 4-16, 32-35, *passim*).  $^{52}$  Cf. for a similar position already Brough (1970: 82 n. 5) .

reconstructed for the Proto-Loloish level as \*k-rong1 'leopard cat' (> Written Burmese khrang-se, where -se is possibly a suffix used in animal names<sup>53</sup>, Modern Burmese  $wb1^{22}$ - $whn^{53}$ ) by Bradley<sup>54</sup>. Despite the apparent semantic problems, this root had been compared to Chinese  $sh\delta$ 獅 by Robert Shafer<sup>55</sup>, which was rightfully rejected by Benedict in the Conspectus. The root has a marked southern (i.e. Loloish) distribution<sup>57</sup>, although Tangut \*nd-wb3r(in LŠFànwén's reconstruction), transcribed as  $g\acute{e}zhDrg$  葛征(EMC \*ndwwbldnQ > LMC \*ndwwbldnQ) in the  $T\acute{o}ngy\delta$  同音 (or \*\*îhDCEX) of 1132<sup>58</sup>, could be a northern outpost of the same word.

#### 5. Envoi

One does not have have obstinately to turn to Sumer for a possible origin, as did Gu÷ Mòruò 郭沫若 under the influence of the pan-diffusionist movement in Chinese historiography during the first quarter of this century. <sup>59</sup> In his discussion of the Babylonian origins of the 'heavenly

<sup>&</sup>lt;sup>53</sup> Rather than a reflex of a fictive Sino-Tibetan \*si 'lion', which would have formed a compound with 'cat' (*khrang*) in Burmese according to Blažek (1984: 392).

<sup>&</sup>lt;sup>54</sup> Bradley (1978: 294/#16&17).

<sup>55</sup> R. Shafer (1941-42, I: 324). See also Luce (1981:16/#106), who compared the Written Burmese form to *su@mi* and Tibetan *who jh* 

<sup>&</sup>lt;sup>56</sup> Benedict & Matisoff (1972: 162, n. 439). This rejection apparently escaped Zh÷u F¹gŒ (1972: 214), who includes the comparison in his GSR-index to the *Conspectus*' Chinese equations.

<sup>&</sup>lt;sup>57</sup> For the Jšngp÷, /ch@ng, Zàiw¹, Lèqðand B÷l@reflexes cf. Huáng Bùfán (1992: 102). The Qi@ng, H@ní, Nù and Bái forms are all obviously late loans from Midddle or Modern Chinese.

<sup>&</sup>lt;sup>58</sup> *Tóngy &* (20B5.7/36A1.3), LšFànwén ed. (1986: 297, 376). Laufer (1916.a: 81/#198) considers the first syllable to be a prefix of unknown function and the second one (hypothesized to derive from < pre-Tangut \* ₱) to be either borrowed from the same Iranian sourse as *sh*⋪or "somehow» connected with the Tibetan and Sanskrit forms.

<sup>&</sup>lt;sup>59</sup> Cf. Lynn Porter (1996: 13, 174, n.51).

stems and earthly branches' (ti@ng@n dìzhì 天干地支), as used in oracle bone inscriptions and early Chinese astronomy<sup>60</sup>, Gu÷ claimed that  $qi\acute{u}\acute{e}r$  哲耳 (OC \*ag}x=bqŒ-2) was a disyllabic ('lento') rendering of Sumerian UR 'dog' (glossed by him as 'lion/sphinx'), i.e. the Sumerogram UR.MAH1 'mighty carnivorous beast, lion', which was predominantly used in official and judicial documents. 61 In a rather convoluted argumentation he tried to show, that qiú had been secondarily replaced by zën- 尊 (OC \* awxo=) in order to match it phonetically with such- 狻(OC \*avr[q,u]=), which he explained in turn as a graphical corruption for náo 要~猱~獿 (OC \*anu). As it is commonly, albeit not unanimously, assumed since Wáng Guówéi's famous study of ancestor names in scapulimantic texts and their counterparts in the edited literature<sup>62</sup>, this 'monkey-shaped' character, sometimes also transcribed as kuí 夔 (OC \*b j Z lm), was the personal name of thearch Kù 嚳 (OC \*awm-s akkxn), the legendary progenitor of the Sh@ng 商 dynasty and highest ancestor mentioned in oracle bone inscriptions.<sup>63</sup> Finally, the nasal initials of -ní 麑~猊 (OC \*=aQh) and b 耳 (OC \*bqŒ-2) are claimed to be homorganic resonants, chosen to represent foreign -r. A quick glance at the resulting chain of phonological equations in their modern Old Chinese reconstructions (\* $^{aq}$ )x= $^{bq}$ E-2  $\approx$   $^{a}$ nu= $^{a}$ Qh  $\approx$ bizine a ch) shows that Gue's fanciful ramblings are well-nigh impossible, and do certainly not constitute "evidence of Sino-Babylonian linguistic contacts during the Yon and Zh+u periods". 64 While far from conclusive, his observations on early iconographical parallels of felidaedepictions are more to the point.<sup>65</sup>

Notice also, that there are several imponderabilia on the Near Eastern side of the comparison. As Steinherr and Otten have shown,

<sup>&</sup>lt;sup>60</sup> For an equally speculative recent treatment of the topic see Cook (1995).

In literary texts, the lion was also referred to as *pirig* or *ug*, cf. Heimpel (1987-90).

<sup>62</sup> Wáng Guówéi (1916, repr. 1959).

<sup>&</sup>lt;sup>63</sup> Gu÷ Mòruò (1931, B: 51r-v = 1962: 251-252). For an interesting discussion of these identifications see Allen (1991: 33-35, 51-53, 58-62 and *passim*).

<sup>&</sup>lt;sup>64</sup> Gu÷ Mòruò (1931, B: 51v = 1962: 252).

<sup>&</sup>lt;sup>65</sup> Cf. the plates in Gu÷ Mòruò (1931, B: 53v = 1962; 255).

UR.MAH<sub>1</sub> was read walwa- in Hittite, walwi- in Luwian<sup>66</sup>, and the same root walw- also survives in Lydian coin-legends of the sixth century B.C. 67 UR 'dog, beast', on the other hand, read ta 3 in Akkadian and probably ti 3 in Hurritic 68, is conventionally read ur by Sumerologists, and this was the form used as the target of Gu÷'s comparison. There is some evidence, however, in lexicographical works and alternative spellings, that it might have had a reading surx, at least in the ophoric personal names of the third millenium B.C. 69 This reading sur was proposed early during this century by Theophilus Goldridge Pinches (1856-1934)<sup>70</sup> and later defended by Arno Poebel and Edmond Sollberger<sup>71</sup>, but did not find many followers. During the eighties there was a lively exchange on the matter, based on some new evidence for the reading sur<sub>x</sub>, between Steinkellner (1980) and Sollberger (1985) on the pro- and Lambert (1981, 1982) on the contra-side; however, recent text editions show that ur is clearly still the preferred reading among mainstream Sumerologists. Still, even if one accepted the phonetic possibility of a remote connection between the contentious reading sur<sub>x</sub> for UR and the first syllable of Old Chinese \*avr[q,u]=aQh, it is unclear why a word for 'dog' without its attribute 'mighty' would have borrowed for the lion. Moreover, it has recently been claimed that ur itself could

<sup>&</sup>lt;sup>66</sup> Steinherr (1968) and Otten (1969, 1981: 143). For the cultural significance of the lion in the Hittite world see also Unal (1987-90).

<sup>67</sup> Wallace (1986).

<sup>&</sup>lt;sup>68</sup> Rüster & Neu (1989: 116-7/#51). Eblaitic possibly had a word na(-)i <sup>3</sup>?'flion' which occurs in na-i <sup>3</sup> gar<sub>3</sub>-ga-ri<sub>2</sub>-im ?'earth-lion'  $\Rightarrow$  ?'chamaeleon' according to Sjöberg

The reading sur was proposed early on by T.G. Pinches in the Proceedings of the Society of Biblical Archaeology (1903: 200), defended by A. Poebel (1937: 55, n. 2) and E. Sollberger (1956: 11 n. 4, 24, additional note), but did not find many followers. During the 80ies there was a lively exchange on the matter, based on some new evidence for the reading sur<sub>x</sub>, between Steinkellner (1980) and Sollberger (1985) on the pro- and W.G. Lambert (1981, 1982) on the contra-side; however, recent text editions show that ur is clearly still the preferred reading among mainstream Sumerologists.

Proceedings of the Society of Biblical Archaeology (1903: 200).

<sup>&</sup>lt;sup>71</sup> Poebel (1937: 55, n. 2), E. Sollberger (1956: 11 n. 4, 24, additional note).

be a loanword from an 'Afro-Asiatic' root \*wahar(-ab) 'dog, fox, hyena'<sup>72</sup>, in which case the Pinches reading would be untenable.

Wherever the *urheimat* of the lion in Africa might have been, we will have to look to Iran and probably well beyond for the Chinese lion's den.

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