# Cycle of Time, Calendar, and Fortune-telling in the Catuṣpīṭha and the Cakrasaṃvara Buddhist literatures

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#### 1 Introduction

Calendars and fortune-tellings have important roles in people's religious life. It was also the fact in early mediaval India. Festivals, rites, and other undertakings, whether they were religous or worldly, social or private, used to be carried out based on their calendar and fortunes which their fortune-teller told.

The *Cakrasamvara* Buddhist literature introduces theories of calendar and fortuntelling. They must have been one of the most important basements of the religious life of people committing to *Cakrasamvara* Buddhism. However, no study has been conducted on this topic of this tradition. This paper is intended as a comparative study of the theories of calendar and fortune-telling introduced in the *Cakrasamvara* literature and those in other traditions. As will be seen, since the theories of calendar and fortune-telling are based on the system of a cycle of time, our discussion starts with the examination of this system. Among the theories of fortune-telling, I will deal with especially that of fortune-telling according to one's birthday in detail and those of some other fortune-tellings briefly, all of which are based on these calendars.

Our main sources are the Vajradākatantra, the Dākārņavatantra and their commentaries i.e. the Vivrti by Bhavavajra and the Vohitā by Padmavajra respectively. The *Dākārnavatantra* is one of the latest *tantra*s ("scripture") in the Cakrasamvara literature, and is considered to have a great influence on the traditional Newar Buddhism. As will be discussed. the systems of a cycle of time and the theories of calendar and fortunetelling in the Vajraḍākatantra derive from the Catuṣpīṭhatantra. Hence, the system in the Catuṣpīṭhatantra is also to be examined. As a commentary of this tantra, I especially use the Nibandha by Bhava, for this commentary gives detailed explanations on the system in the Catuspithatantra, and is useful in studying the historical developement of the system. Futher, in order to clarify the position of the theories of calendar and fortune-telling in the above Buddhist texts in the classic Indian context, I refer to some ideas by the well-known astrologer Varāhamihira and some others. (In this paper, I mean especially the Varāhamihira's system by the word "classic.") Note that the above Buddhist texts were composed after the age of Varāhamihira.

## 2 System of a cycle of time

# 2.1 Twelve divisions of time as a base unit of a cycle of time

In calendar systems in the *Catuspīthatantra*, the *Vajradākatantra*, and the *Dākārṇavatantra*, twelve divisions of time function as a base unit. A general term of the twelve divisions of time is *bhuvaneśvara* ("abodemaster") because they are placed in order on twelve abodes (*bhuvana*), twelve equal divisions of the ecliptic starting from the east (each abode =

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures  $30^{\circ} = 360^{\circ} \div 12$ ). These twelve abodes are equivalent to the twelve houses (grha and the like) in the classic Indian astrology by Varāhamihira and others. (In this paper, I use the term "abode" for Buddhist system and "house" for classic one for convenience.)

The abode-masters have also individual names. These names are (1)  $rohit\bar{a}$ , (2)  $mohit\bar{a}$ , (3) bhadra, (4) vrsabha, (5)  $k\bar{u}rma$ , (6) makara, (7)  $rand\bar{a}$ , (8) mikira, (9) bhidrika or sometimes bhidri, (10)  $vy\bar{a}kuli$  or sometimes  $vy\bar{a}kul\bar{\imath}$ , (11) svapna or  $svapnik\bar{a}$  (the former in the  $Catusp\bar{\imath}thatantra$  and some lines in the  $Vajrad\bar{a}katantra$ , and the latter in some lines in the  $Vajrad\bar{a}katantra$  and in the  $D\bar{a}k\bar{a}rnavatantra$ , and (12)  $k\bar{a}ma$  or bhuvanesvara (the former in the  $Catusp\bar{\imath}thatantra$  and some lines in the  $Vajrad\bar{a}katantra$ , and the latter in some lines in the  $Vajrad\bar{a}katantra$  and in the  $D\bar{a}k\bar{a}rnavatantra$ ). The above twelve abode-masters do not appear in the system by  $Var\bar{a}hamihira$ .

As above, the eleventh and the twelfth divisions have two names. Since the Vajraḍākatantra accepts two names in each of them, the Vivrti, for the sake of coherence between the Vajraḍākatantra and the Catuṣp̄thatantra, explains that "svapnikā" means "svapna" and "bhuvaneśvara" is equivalent to "kāma." The word "svapnikā" can be regarded as a distorted one of the phrase "svapnakāma (= svapna and kāma)." The distortion could be explained as follows. At some time the "ma" of "svapnakāma" in the Catuṣp̄thatantra was omitted by accident, and then the "svapnakā" was changed to "svapnikā." As a result, the word "bhuvaneśvara," which was originally a general term for the twelve divisions of time became the name of the twelfth division. Hence, the word "bhuvaneśvara" is used both as a general term of the twelve divisions and as an individual name of the

twelfth division in the Vajradākatantra and the Dākārņavatantra.

## 2.2 Details of the system of a cycle of time

The calendar theory is based on the system of a cycle of time. A cycle of time is constituted by the twelve divisions of time such as *rohitā*, *mohitā*, *bhadra*, etc. These twelve abode-masters have the dawn as their starting point, and are arranged in the order from the east. The winter solstice point and the month named *Pauṣa* to which the winter solstice day belong is the starting point of a cycle and the starting month of a year respectively. This is the structure which the systems in the three *tantras* have in common. As has already been reported, <sup>(2)</sup> the *Vedāṅgajyotiṣa* regards the winter solstice and the *Māgha* to which the winter solstice day belong as the starting point of a cycle and the starting month of a year respectively. On the other hand, the vernal equinox point and the *Caitra* to which the vernal equinox day belong are the starting point of a cycle and the starting month of a year respectively in the system by Varāhamihira. In this respect, the above idea of the Buddhist texts is near to the system of the *Vedāṅgajyotiṣa*.

The twelve abode-masters correspond to various elements such as sixty ghatis (= sixty  $ghatik\bar{a}s$ ) which constitute one daytime and night-time, the signs of the zodiac  $(r\bar{a}si)$  and asterisms (naksatra), planets,  $n\bar{a}gas$  ("serpent-demon"), twelve vowels, twelve stages of enlightenment  $(dv\bar{a}da-sabh\bar{u}mi)$ , and twelve causal steps of the origination of suffering  $(dv\bar{a}da-s\bar{a}nga)$ . There are differences in these correspondences among the tantras. Table 1, 2 and 3 represent twelve divisions of the winter solstice day in the Pausa and the correspondences of twelve abode-masters to various

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Catrasamvara Buddhist literatures elements. On the first day in this month i.e. the winter solstice day, rohiā is the first division and kāma or bhuvaneśvara is the last one. On the first day in the next month (the Māgha), mohitā is the first division and rohitā is the last one in TABLE 1, and bhuvaneśvara is the first division and svapnikā is the last one in TABLE 2 and 3. On the first day in the third month (the Phālguna), bhadra is the first division and mohitā is the last one in TABLE 1, and svapnikā is the first division and vyākuli is the last one in TABLE 2 and 3. In this way, as the month goes by, the abode-master assigned to the first day shifts one by one. (See also TABLE 4 and 5.) This might suggest that the starting and ending points shift 1° a day, although this is not clearly prescribed in the texts.

- \* 1 day  $(ahor\bar{a}tra) = 21600$  breaths = 60  $ghati(k\bar{a})s = \blacktriangle60$  dandas.
- \* Starting point for calculation = the dawn, the east.

<b>A</b>		<b>A</b>	<b>A</b>	<b>A</b>		
(anticlockwise)	rohitā	3ghaţi	meşa	asvinī, bharaņī, kṛ- ttikā 1/4	Vāsuki	A
<b>↓</b>	mohitā	4ghați	vṛṣa	kṛttikā 3/4, rohiṇī, mṛgaśīrṣa 2/4	Takşaka	Ā
<b>↓</b>	bhadra	5ghați	mithuna	mṛgaśīrṣa 2/4, ārdrā, punarvasu 3/4	Karkoţaka	I
<b>↓</b>	vṛṣabha	5ghați	karkaţa	punarvasu 1/4, pu- şya, āśleşā	Padma	Ī
<b>↓</b>	kūrma	4ghaţi	siṃha	maghā, pūrvaphā- lgunī, uttaraphā- lgunī 1/4		U

<b>\</b>	makara	3ghați	kanyā	uttaraphālgunī, hasta, citrā 2/4	Śaṅkha	Ū
<b>↓</b>	raṇḍā	5ghaţi	tulā	citrā 2/4, svāti, vi- śākhā 3/4	Mahāśaṅkha	Е
<b>↓</b>	mikira	7ghați	vṛścika	viśākhā 1/4, anurā- ḍhā, jyeṣṭhā	Kulika	AI
↓	bhidrika	6ghați	dhanus	mūla, pūrvāṣāḍhā, uttarāṣāḍhā 1/4	Śataśīrşa	0
<b>†</b>	vyākuli	6ghați	mṛga	uttarāṣāḍhā 3/4, śravaṇa, dhaniṣṭhā 2/4	Huluṇḍa	AU
1	svapna	7ghați	kumbha	dhanişthā 2/4, śa- tabhişaj, pūrvabhā- drapadā 3/4	Karāla	АМ
<b>↓</b>	kāma	5ghați	mīna	pūrvabhādrapadā 1/4, uttarabhādra- padā, revatī	Kāladraşţr or Kālada- mşţrin	АḤ

▲=These ideas are put forward not in the tantra but in the Nibandha

TABLE 2 The  $\it Vajrad\bar{a}katantra$  and the  $\it Vivrti^{(4)}$ 

- \*1 day  $(ahor\bar{a}tra) = 21600$  breaths = 60  $ghati(k\bar{a})s = \triangle 60$  dandas.
- \* Starting point for calculation = the dawn, the east.

		<b>A</b>	<b>A</b>	Δ		
(clockwise)	rohitā	3ghaţi	meşa	aśvinī, bharaṇī, kṛ- ttikā 1/4	Vāsuki	A
<b>↓</b>	mohitā	4ghaţi	vṛṣa	kṛttikā 3/4, rohiṇī, mṛgaśīrṣa 2/4	Takşaka	Ā
<b>\</b>	bhadra	5ghați	mithuna	mṛgaśīrṣa 2/4, ā-rdrā, punarvasu 3/4	Karkoţaka	I

Cycle of Time, Calendar, and Fortune-telling in the Catuspūtha and the Cakrasamvara Buddhist literatures

↓	vṛṣabha	5ghați	karkaṭa	punarvasu 1/4, pu- şya, āśleşā	Padma	Ī
<b> </b>	kūrma	4ghați	siṃha	maghā, pūrvaphā- lgunī, uttaraphā- lgunī 1/4	Mahāpadma	U
<b>↓</b>	makara	3ghați	kanyā	uttaraphālgunī, hasta, citrā 2/4	Śaṅkha	Ū
<b>↓</b>	raṇḍā	5ghați	tulā	citrā 2/4, svāti, vi- śākhā 3/4	Ananta	Е
↓ ↓	mikira	7ghaţi	vṛścika	viśākhā 1/4, anurā- ḍhā, jyeṣṭhā	Kulika	AI
<b> </b>	bhidrika	6ghați	dhanus	mūla, pūrvāṣāḍhā, uttarāṣāḍhā 1/4	Śataśīrşa	0
<b>↓</b>	vyākuli	6ghați	mṛga	uttarāṣāḍhā 3/4, śravaṇa, dhaniṣṭhā 2/4	Manorama	AU
↓	svapnikā <sup>0</sup>	7ghaţi	kumbha	dhanişţhā 2/4, śa- tabhişaj, pūrvabhā- drapadā 3/4	Karāla	АМ
<b>↓</b>	bhuvaneśvara <sup>ii)</sup>	5ghaţi	mīna	pūrvabhādrapadā 1/4, uttarabhādra- padā, revatī	Bhuvi varşa (?)	АӉ

i)= svapna ii)= kāma

Planets: The *tantra* insists on correspondences of the planets to the twelve abode-masters. However, no details are given, nor in the *Vivrti*.

# ▲ Correspondence to twelve stages (dvādaśabhūmi) (5)

rohitā:	adhimuktacaryā	mohitā:	pramuditā	bhadra:	vimalā
vṛṣabha:	prabhākarī	kūrma:	arcişmatī	makara:	sudurjayā
raņḍā:	abhimukhī	mikira:	dūraṅgamā	bhidrika:	acalā
vyākuli:	sādhumatī	svapna:	dharmameghā	kāma:	buddha

 $\triangle$ = Although the *tantra* suggests the correspondence of the asterisms to the twelve abode-masters, it does not give their details. The *Vivrti* gives their details.

▲= These ideas are put forward not in the tantra but in the Vivrti.

TABLE 3  $\label{eq:table_eq}$  The  $\it Q\bar{a}k\bar{a}r$  and the  $\it Vohit\bar{a}^{(6)}$ 

- \* 1 day  $(ahor\bar{a}tra) = 21600$  breaths = 60 ghatis.
- \* Starting point for calculation = the dawn, the east.

			<b>A</b>		
(clockwise)	rohitā	makara	(nakṣatra, no details)	avidyā	A
↓	mohitā	kumbha	(nakṣatra, no details)	saṃskāra	Ā
. ↓	bhadra	mīna	(nakṣatra, no details)	vijñāna	I
↓ ↓	vṛṣabha	meşa	(nakṣatra, no details)	nāmarūpa	Ī
↓	kūrma	vṛṣa	(nakṣatra, no details)	şaḍāyatana	U
↓ ↓	makara	mithuna	(nakṣatra, no details)	sparśa	Ũ
↓ ↓	raṇḍā	karkaţa	(nakṣatra, no details)	vedanā	E
↓	mikira	siṃha	(nakṣatra, no details)	tṛṣṇā	ΑI
↓	bhidrika	kanyā	(nakṣatra, no details)	upādāna	0
↓	vyākuli	tulā	(nakṣatra, no details)	bhava	AU
↓ ↓	svapnikā	vṛścika	(nakṣatra, no details)	jāti	АM
↓	bhuvaneśvara	dhanus	(nakṣatra, no details)	jarāmaraņa	АḤ

 $\triangle$  = This idea is expounded not in the *tantra* but in the *Vohitā*. However, it simply refers to its association with the asterisms and gives no details of the correspondences.

There are six points to be discussed.

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures

(I) Association of the twelve abode-masters with astronomical elements

As is represented in TABLE 1, the *Catuspīthatantra* gives no description associating the system of a cycle of time with the signs of the zodiac and asterisms (and the planets). TABLE 2, 3 and the *Nibandha*'s interpretation in TABLE 1 prove that it is the later texts which reveal this association.

### (II) Distribution of sixty ghațis (= $ghațik\bar{a}s$ )

Ghati (= ghaţikā) is one of the base units of time. One ghaţi is approximately equivalent to our twenty-four minutes. The three tantras insists unanimously that one day and night should be equivalent to sixty ghaţis. According to the commentaries such as the Nibandha and the Vivṛti, sixty ghatis are unevenly distributed, as shown in TABLE 2 and 3. How to calculate the amount of ghatis in each division prescribed in the texts is not clear. However, the prescribed uneven lengths of the divisions work well (but not in perfect) in calculating the lengths of the daytime and of the nighttime on the first day in each month, as will be seen later ( $\rightarrow$ TABLE 6).

#### (III) The first sign of the zodiac

The Nibandha and the Vivrti regard Aries (meşa) as the first sign of the zodiac. On the other hand, the  $D\bar{a}k\bar{a}rnavatantra$  regards makara (= mrga, Capricorn) as the first one. Considering that the vernal equinox day belongs to Aries and the winter solstice day to Capricorn and that the Pauşa to which the winter solstice day belong is regarded as the starting

month of a year in the above Buddhist systems, the idea of the *Dakārṇa-vatantra* seems likely. The *Nibandha* and the *Vivrti*'s idea seems to be based on that of classic astrology represented by Varāhamihira that Aries is the first zodiac sign.

(IV) Association of the twelve abode-masters with twelve  $n\bar{a}gas$  and with twelve vowels.

As represented in TABLE 1 and 2, the Catuspīthatantra and the Vajra-dākatantra associates the twelve abode-masters with twelve  $n\bar{a}gas$ , although there are slight differences in names of some  $n\bar{a}gas$  between these tantras. The association of the twelve abode-masters with twelve vowels is the idea which the three tantras have in common, as shown in TABLE 1, 2 and 3. The former association is of a fortune-telling examining the person in the danger of death and for removing death-poison in the case that the person's death is of improper time ( $ak\bar{a}la$ ). The latter association is of telling a person's fortune. Since these topics need a long discussion, and so long as the purpose of this paper is concerned, I will not examin them in detail here.

(V) Association of the twelve abode-masters with Buddhist doctrine As TABLE 1 and 2 show, the twelve abode-masters in the *Catuspīthatantra* and the *Vajradākatantra* has no association with traditional concepts of Buddhist doctrine in particular.

After these tantras, the Vivrti has connected the concept of the twelve stages of enlightenment  $(dv\bar{a}da\hat{s}abh\bar{u}mi)$  with the twelve abode-masters as represented in TABLE 2. What does this correspondence mean? The Vivrti

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures does not explain what it means. However, considering that the twelve divisions of time represent a cycle of time, in other words, they are basically cyclic, and the twelve stages basically represent a linear progress of one's mental state (of course one will regress if he is lazy in training), it might be that the correspondence of the twelve abode-masters with the twelve stages means a spiral and multitiered progress of one's daily mental stage in every cycle of time.

The  $D\bar{a}k\bar{a}rnavatantra$  associates the twelve abode-masters with the twelve causal steps of origination of suffering  $(dv\bar{a}das\bar{a}nga)$ , as shown in TABLE 3. This correspondence seems to be based on the fact that both the twelve abode-masters and the twelve causal steps of the origination of suffering have a cyclic structure in common, representing the reincarnation  $(sams\bar{a}ra)$ , although there is a difference that the former represent a small cycle (= daily cycle, monthly cycle or yearly cycle) and the latter a big cycle (= life cycle). The association of the twelve abode-masters with the twelve causal steps is also seen in the  $\bar{A}loka$ , another commentary of the  $Catus\bar{p}\bar{u}thatantra$ . It states briefly that the twelve causal steps beginning with  $avidy\bar{a}$  are represented by the special synonyms such as  $rohit\bar{a}$  and so on. (7)

As above, the later texts have associated the concept of the twelve abode-masters with the traditional Buddhist doctrine such as the twelve stages and the twelve causal steps. This association, whatever the true meaning of this might have been, at least shows these authors' attempt to interpret the system of a cycle of time in the Buddhist way.

(VI) Direction of the arrangement of the twelve abode-masters

According to the *Nibandha*'s interpretation on the system in the *Catuspīthatantra*, the twelve abode-masters with their corresponding elements are arranged in anticlockwise direction starting from the east (that is to say, in the reverse of the direction of diurnal motion starting from the ecliptic point on the horizon in the east), as shown in TABLE 1. On the other hand, in the *Vajradākatantra* and the *Dākārṇavatantra*, as shown in TABLE 2 and 3, they are arranged in clockwise direction starting from the east (that is to say, in the direction of diurnal motion starting from the ecliptic point on the horizon in the east). The *Nibandha*'s manner is more general as a system of astrology.

The inverse order of arrangement of the twelve abode-masters can also be found in another instruction on these divisions in the *Vajradā-katantra*. Among the three *tantra*, the *Vajradākatantra* gives the instruction on the production of intention (*cittotpādavidhi*), depending on the concept of twelve abode-masters. The twelve abode-masters represent twelve mental productions, which direct one's fortune. These twelve mental productions have some relation to the meanings of twelve houses (*grha*) introduced in the *Brhajjātaka* by Varāhamihira, as shown in the table below. In this table, "Self," "Family," "Brother," and other terms in the *Vajradākatantra*'s system mean "thought (*cintā*) of one's self," "thought (*cintā*) of one's family," "thought (*cintā*) of one's brother," etc. respectively.

	(The Vajraḍāka	tantra's system)	(Varāhamihira's system)
1)	rohitā:	Self (ātman)	— Body (tanu)
2)	bhuvaneśvara:	Family (gṛha)	— Family (kuṭumba)
3)	svapnikā:	Brother ( <i>bhrātṛ</i> )	—— Brother (sahottha)

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures

—— Relative (bandhu) (4) vyākuli: Relative (bāndhava) —— Son (*putra*) bhidrika: Son (putra) (5)— Enemy (ari) Enemy (śatru) (6)mikira: — Wife (patni) Equal union (samāyoga) (7) randā: — Death (marana) (8) makara: Life (jīvita) — Good state (śubha) (9) kūrma: Dharma and profit (dharmārtha) Dreadful deeds (kāryaṃ sudāruṇam) —— Dignity (āspada) (10) vrsabha: ---- Gain (*āya*) Property (artha) (11) bhadra: —— Loss (rihpha) Confused or filled (samākula) (12) mohitā:

The twelve houses of Varāhamihira are arranged in anticlockwise direction. As mentioned before, these houses correspond to the twelve abodes in the three Buddhist *tantras* on which the twelve abode-masters are placed. The *Nibandha* placed the twelve abode-masters on the twelve abodes in this order, that is to say, in anticlockwise direction. On the other hand, as the above table clearly shows, the *Vajraḍākatantra* place the twelve abode-masters in inverse order, in clockwise direction.

#### 3 Calendars

# 3.1 Calendars based on the system of a cycle of time

The systems of a cycle of time shown in TABLE 1, 2 and 3 are applicable as a cycle of half month (white/black side of a month), one year, and twelve years if the total of *ghați* in each division is omitted. The *Nibandha*, the *Vajraḍākatantra*, and the  $\it Pāk\bar{a}rnavatantra$  give instructions in detail especially on twelve divisions of a year and twelve or fifteen divisions of

a half month (white/black side), depending on the concept of twelve abode-masters. Table 4 and 5 summerize the ideas in these texts (transverse axle = months / vertical axle = days). The Pausa is defined as the starting month of a year. The calendars in the tables below are applicable as big calendars representing twelve divisions of twelve years and of a year (transverse axle = years / vertical axle = months). Hence it becomes possible to express any year, any month, any day and any division in a day by the terms such as  $rohit\bar{a}$ ,  $mohit\bar{a}$ , bhadra and the like. (For example, "It is bhadra division on the  $rand\bar{a}$  day in the  $rohit\bar{a}$  month in the  $k\bar{a}ma$  year now.")

It seems unlikely that these calendars are also applicable as small ones representing a cycle of one day (transverse axle = days / vertical axle = divisions of a day). This application contradicts the instructions on ghatii shown in TABLE 1 and 2 and that on lengths of the daytime and the nighttime in each month shown in TABLE 6. Hence, in TABLE 4, although the abode-master corresponding to the second day in the Pausa is  $mohit\bar{a}$ , this day should be considered to start with  $rohit\bar{a}$ . The third day in this month is also  $rohit\bar{a}$ . Every day in the Pausa starts with  $rohit\bar{a}$ . In the same way, every day in the  $M\bar{a}gha$  starts with  $mohit\bar{a}$ , and every day in the  $Ph\bar{a}lguna$  with bhadra.

## TABLE 4 (Calendar 1)

## The Nibandha (10)

	Paușa	Māgha	Phālguna	 Mārgaśira
	= rohitā	= mohitā	= bhadra	 = kāma
1st day	rohitā	mohitā	bhadra	 kāma
2nd day	mohitā	bhadra	vṛṣabha	 rohitā
3rd day	bhadra	vṛṣabha	kūrma	 mohitā
4th day	vṛṣabha	kūrma	makara	 bhadra
5th day	kūrma	makara	raņḍā	 vṛṣabha
6th day	makara	raṇḍā	mikira	 kūrma
7th day	raṇḍā	mikira	bhidrika	 makara
8th day	mikira	bhidrika	vyākuli	 raṇḍā
9th day	bhidrika	vyākuli	svapna	 mikira
10th day	vyākuli	svapna	kāma	 bhidrika
11th day	svapna	kāma	rohitā	 vyākuli
12th day	kāma	rohitā	mohitā	 svapna

# TABLE 5 (Calendar 2) The $Vajrad\bar{a}katantra^{ ext{ iny 11}}$ and the $D\bar{a}k\bar{a}rnavatantra^{ ext{ iny 12}}$

	Paușa	Māgha	Phālguna	 Mārgaśira
	= rohitā	= mohitā	= bhadra	 = bhuvaneśvara
1st day	rohitā	bhuvaneśvara	svapnikā	 mohitā
2nd day	mohitā	rohitā	bhuvaneśvara	 bhadra
3rd day	bhadra	mohitā	rohitā	 vṛṣabha
4th day	vṛṣabha	bhadra	mohitā	 kūrma
5th day	kūrma	vrsabha	bhadra	 makara
6th day	makara	kūrma	vṛṣabha	 raṇḍā
7th day	raṇḍā	makara	kūrma	 mikira
8th day	mikira	raṇḍā	makara	 bhidrika

東洋文化研究所紀要 第147册

9th day	bhidrika	mikira	raṇḍā	 vyākuli
10th day	vyākuli	bhidrika	mikira	 svapnikā
11th day	svapnikā	vyākuli	bhidrika	 bhuvaneśvara
12th day	bhuvaneśvara	svapnikā	vyākuli	 rohitā
13th day	bhadra	mohitā	rohitā	 vṛṣabha
14th day	vṛṣabha	bhadra	mohitā	 kūrma
15th day	kūrma	vṛṣabha	bhadra	 makara

There are four points to be discussed.

#### (I) Direction of the shift

It is common among the above texts that the twelve abode-masters are attributed to days and months in ordinary order. As the month goes by, each of twelve divisions by which the days (1st day to 12th day) are demarcated shifts one by one. However, the direction of the shift is different between the calendar in TABLE 4 and that in TABLE 5: the first day of each month is *rohitā*, *mohitā*, *bhadra* and the like in order in the former, while in the latter the first day is *rohitā*, *bhuvanešvara*, *svapnikā* and the like in order. In short, the direction of the shift in the latter is the reverse of that in the former. This is due to the prescription that the twelve abode-masters are arranged in clockwise direction in the *Vajraḍākatantra* and the *Dākārnavatantra*, as we have already discussed.

## (II) On the thirteenth, fourteenth and fifteenth days

The literal reading of the *Nibandha*'s description that each half month is divided into twelve produces a problem i.e. big time deviation. Hence, the later *tantras* such as the *Vajraḍākatantra* and the *Dākārnavatantra* had

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures to articulate that when the thirteenth, fourteenth and fifteenth days are requested, abode-masters distributed to the third, fourth and fifth days should again be attributed to them. Although not in an excellent way, the calendar system in question has slightly approached to the classic calendar system in which one month has (approximately) thirty days owing to this attempt.

## (III) The intercalary month

No texts clearly refer to the idea of the intercalary month. However, since the idea of the intercalary month had already appeared in the age of the *Vedāntajyotişa* and the calendar would not have worked well without this idea, the Buddhist systems in question should have also accepted the idea of the intercalary month. It might be that the thirteenth division and so on in TABLE 5 works as the intercalary month in a certain year when we see the table as a big calendar representing months in a year. Whatever the truth might have been, it should be noted that the Buddhist texts' intention was to explain how to distribute the twelve abode-masters to the divisions of a day/days/months/years in order to understand the calendar by the concept of twelve abode-masters, rather than to introduce the detailed mathematical theory of calendar. Then, one question occurs to us: what is the purpose of the systematization on the basis of the concept of twelve abode-masters?

(IV) The purpose of the systematization based on the concept of abode-masters.

Basically, the twelve abode-masters have their significance in

fortune-tellings. For example, the *Catuṣpīṭhatantra* narrates that the *rohitā* division is effective for the pasifying rite (\$\sigma anti), the vrsabha division for the prospering rite (puṣṭi), the makara division for the attracting rite (vaŝa), the bhadra division for the killing rite (abhicāraka), the mohitā division for the dispelling rite ( $ucc\bar{a}tana$ ), the  $k\bar{u}rma$  division for the paralyzing rite (stambhita), the randā division for the rite to cause a strife (vidvesa), the vyākuli division for the medical practice, the rohitā, makara, randā and mikira divisions for the practice of immortality. (13) This tantra also explains divisions effective for undertaking another religious or nonreligious plans. $^{(14)}$  The  $Vajrad\bar{a}katantra$  gives an instruction on the days of recovery from illness and of death of improper time according to the distinction of the days when a person gets sick to which the rohitā and so on are assigned. (15) This tantra also introduces an instruction of the bodily precautionary signs, explaining what the signs mean according to the distinction of the days when the signs have appeared to which the rohitā and so on are assigned. (16) The fortune-telling according to one's birthday, which will be examined in the next section, is also based on the concept of the twelve abode-masters.

As above, the purpose of developing calendar theories on the basis of the concept of twelve abode-masters should be sought in the calendar's performative aspect i.e. fortune-tellings, rather than in its detailed methematical aspect. In short, the calendar theories based on the concept of twelve abode-masters are basically for fortune-tellings. This agrees with one of the characteristics of the classic calendar theories: the calendars had not been so secularized in the classic age, they had been employed for religous purpose such as to know the date of festivals, to

Cycle of Time, Calendar, and Fortune-telling in the *Catuspitha* and the *Cakrasamvara* Buddhist literatures examin whether the date concerned is auspicious or inauspicious, and the like. (The same can also be stated in the areas where religions are still flourished in modern world.)

# 3.2 Lengths of the daytime and of the nighttime in each month

The three *tantras* explain lengths of the daytime and of the nighttime on the first day in each month, as summarized in TABLE 6. No difference is found among their views. The *Pauşa* is defined as the starting month of a year in these *tantras*. In the table, "(length)" means the length of the daytime and that of the nighttime on the first day in each month given in the three *tantras*. "(*Nibandha*)" means calculations based on the instruction on *ghați* by the *Nibandha* shown in TABLE 1. "(*Vivrti*)" means calculations based on the instruction on *ghați* by the *Vivrti* in TABLE 2. As seen in TABLE 3, the *Vohitā* does not have this instruction. The starting abodemaster assigned to the first day in each month for these calculations is based on TABLE 4 and 5.

TABLE 6 (Lengths of the daytime and of the nighttime in each month) The  $Catusp\bar{\imath}thatantra$ , (17) the  $Vajrad\bar{a}katantra$  (18) and the  $D\bar{a}k\bar{a}rnavatantra$  (19)

	(month)	(length)	(Nibandha)	(Vivṛti)
(1)	Paușa	(day) 24ghaţi (night) 36ghaţi	3+4+5+5+4+3=24 5+7+6+6+7+5=36	3+4+5+5+4+3=24 5+7+6+6+7+5=36
(2)	Māgha	(day) 26ghati (night) 34ghati	4+5+5+4+3+5=26 7+6+6+7+5+3=34	5+3+4+5+5+4=26 3+5+7+6+6+7=34
(3)	Phālguna	(day) 28ghati (night) 32ghati	5+5+4+3+5+7=29 6+6+7+5+3+4=31	7+5+3+4+5+5=29 4+3+5+7+6+6=31
(4)	Caitra	(day) 30ghaţi (night) 30ghaţi	5+4+3+5+7+6=30 6+7+5+3+4+5=30	6+7+5+3+4+5=30 5+4+3+5+7+6=30

東洋文化研究所紀要 第147册

(5)	Vaišākha	(day) 32ghati (night) 28ghati	4+3+5+7+6+6=31 7+5+3+4+5+5=29	6+6+7+5+3+4=31 5+5+4+3+5+7=29
(6)	Jyaişţha	(day) 34ghati (night) 26ghati	3+5+7+6+6+7=34 5+3+4+5+5+4=26	7+6+6+7+5+3=34 4+5+5+4+3+5=26
(7)	Āṣāḍha	(day) 36ghati (night) 24ghati	5+7+6+6+7+5=36 3+4+5+5+4+3=24	5+7+6+6+7+5=36 3+4+5+5+4+3=24
(8)	Śrāvaņa	(day) 34ghati (night) 26ghati	7+6+6+7+5+3=34 4+5+5+4+3+5=26	3+5+7+6+6+7=34 5+3+4+5+5+4=26
(9)	Bhādrapada	(day) 32ghati (night) 28ghati	6+6+7+5+3+4=31 5+5+4+3+5+7=29	4+3+5+7+6+6=31 7+5+3+4+5+5=29
(10)	Āśvina	(day) 30ghati (night) 30ghati	6+7+5+3+4+5=30 5+4+3+5+7+6=30	5+4+3+5+7+6=30 6+7+5+3+4+5=30
(11)	Kārttika	(day) 28 ghati (night) 32ghati	7+5+3+4+5+5=29 4+3+5+7+6+6=31	5+5+4+3+5+7=29 6+6+7+5+3+4=31
(12)	Mārgaśira	(day) 26ghaţi (night) 34ghaţi	5+3+4+5+5+4=26 3+5+7+6+6+7=34	4+5+5+4+3+5=26 7+6+6+7+5+3=34

The total of the *ghatis* of the daytime and those of the nighttime in one day is sixty in every month. As a month goes by, the length of the daytime increases or decreases two by two in inverse proportion to that of the nighttime. On the first day in the Pausa, the winter solstice day, the daytime is the shortest and the nighttime is the longest in a year (= 2:3). On the first day in the  $\bar{A}s\bar{a}dha$ , the summer solstice day, the daytime is the longest and the nighttime is the shortest (= 3:2). On the first day in the Caitra and that in the  $\bar{A}svina$ , the vernal equinox day and the autumnal equinox day respectively, lengths of the daytime and of the nighttime are even (= 1:1). Although there is one ghati error in the months adjoining to those of the vernal equinox and the autumnal equinox between the lengths articulated in the three tantras and those calculated on the basis

Cycle of Time, Calendar, and Fortune-telling in the Catuspūtha and the Cakrasamvara Buddhist literatures of the instructions of ghați by the Nibandha and the Vivrti, these ratios are in concord with those in the classic theory of Babylonian origin observed in the texts such as the Vedāngajyotişa and the Pañcasiddhāntikā. (20)

## 4 Fortune-telling according to the day of birth

The three tantras narrate the personality, ability and fortune (future occupation, success, and the day of death) of a person according to the abode-master corresponding to the day of birth of the person. In the system of horoscope astrology represented by Varāhamihira, fortune-tellers tell a person's personality and fortune according to the location of the planets (including the moon and the sun) on his birthday. On the other hand, in the Buddhist systems in question, the location of the planets have no special role. What is important for fortune-telling here is which of the twelve abode-masters correspond to the birthday of a person. Hence, the system in question differs from that of horoscope. The contents of fortunetelling are as follows. (The Catuṣpīṭhatantra and the Nibandha do not articulate whether the abode-masters here mean days or divisions of a day. The Vivṛti comments that each abode-master here means a division of a day when the abode-masters assigned to the division of a day, to the day and to the month become identical (for example, the division rohitā here means the rohitā division of a rohitā day in a rohitā month), or simply means the division of a day. However, the Vajraḍākatantra and the Dākārnavatantra insist that each abode-master here should mean the day. The line to which an asterisk is attached depends on the reading or interpretation by the commentaries. "Death of improper time" in each division

means the time when death of improper time may seize the person. For example, in the case of a person born on the day of *rohitā*, death of improper time may seize him on the 9th day in every cycle of a half month, in the 9th month in every cycle of a year, and in the 9th year in every cycle of twelve years until he dies.)

## (1) A person born on the day of rohitā

The Catuspīthatantra (21)

He will be lovely in appearance / He becomes the master / He will be cruel-hearted / He will have weak digestion / He becomes the lord of another country / He will be fond of sextual intercourse / He will talk pleasant words in everywhere\* / [He becomes a worshiper of deities\* / If he receive wealth together with an unusual tax and the like, he will loose all affection\* / A wound of some region of his body will bring him good fortune / If he stays at a shrine on the day of *rohitā*, he will be established in wealth and friendship / If he goes somewhere on the day of *rohitā*, his hope will come true as he wishes / A *homa* rite and the others in the marriage ceremony on the day of *rohitā* will be fruitful.\*] (It is possible that the sentences put in brackets are explainging effects caused by actions on *rohitā* division, rather than the fortune of a person born on this division.)

(Life span) 70 years.

(Summary)(22) He becomes a worshiper of deities.

## The Vajradākatantra (23)

He will be lovely in appearance / He becomes the master / He will be cruel-hearted / He will have hostility / He will have weak digestion / He

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures becomes the lord of another country / He will be fond of sexual intercourse / He will talk pleasant words in everywhere / He will be happy / He will be rich / He will enjoy good health.

(Death of improper time) The 9th day, the 9th month, and the 9th year. (Death of proper time) The day of *bhuvaneśvara*.

(Life span) 81 years.

The *Dākārṇavatantra* (24)

He becomes a kingdom supporter.

(Death of improper time) The 9th day, the 9th month, and the 9th year. (Death of proper time) The day of *bhuvanešvara*.

(2) A person born on the day of mohitā

The Catuṣpīṭhatantra (25)

[Mohitā is related to wealth] / He will be talkative / He will be unknowledgeable / He will be fond of sexual intercourse / He will engage himself in cruel deeds / He will talk harsh words / He will not be a man of truth / He will have the arrogance of anger / He will be a wrongdoer committing sins / He will talk shattered and abusive words / (corrupted line) / Whatever wealth he may be bestowed on, it will never come back to him if he parts with it. (It is possible that the sentence put in brackets is the meaning of mohitā division.)

(Life span) 65 or 84 years / A wound by weapon causes death. (Summary) He will amass wealth.

The Vajraḍākatantra (26)

He will be talkative / He will be unknowledgeable / He will be fond of sexual intercourse / He will engage himself in cruel deeds / He will talk harsh words / He will not be in good health / He will be quick-tempered / He will be a learned man / His kinsmen will be fond of him / He will have the arrogance of anger /He will be a wrongdoer committing sins / He will talk shattered and abusive words.

(Death of improper time) The 2nd day, the 9th month, and the 9th year.

(Death of proper time) The day of  $rohit\bar{a}$  / A wound by weapon causes death.

(Life span) 64 years.

The *Dākārṇavatantra*<sup>(27)</sup>

He will kill those who are of low status / He will be evil-minded / He will be malicious.

(Death of improper time) The 2nd or 9th month, and the 2nd or 9th year. (Or the 2nd day, the 9nd month and the 9th year.) (Death of proper time) The day of  $rohit\bar{a}$  / He will be killed by thieves and the like.

## (3) A person born on the day of bhadra

The Catuspīthatantra (29)

[Agricultural and other products should be undertaken on *bhadra\** / He should perform the auspicious rite such as the pacifying rite and the like\*] / He will be poor / He will practise his *dharma* / He will talk the truth / He will talk pleasant words / He will love his only wife / He becomes a

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures leader concering the body, knowledge and words / He will be skilled in every kind of handcraft / He will be fond of his kinsmen / He will enjoy by the majesty of his lineage. (It is possible that the sentences put in brackets are explaining effects by actions on the bhadra division.)

(Life span) 100 years / He will die in water.

(Summary) He becomes a man obtaining auspicious foods.

The Vairadākatanra (30)

He will be poor / He will practise his *dharma* / He will talk the truth / He will talk pleasant words / He will love his only wife / He becomes a leader concerning the body, knowledge and words / He will be skilled in every kind of handcraft / He will be fond of his kinmen / He will enjoy by the majesty of his lineage.

(Death of improper time) The 5th day, the 9th month, and the 10th year.

(Death of proper time) The day of  $mohit\bar{a}$  / He will die in water. (Life span) 100 years

The *Dākārṇavatantra*<sup>(31)</sup>

He will be poor / He will accomplish his *dharma* / He will obtain all religious merits.

(Death of improper time) The 5th day, the 9th month, and the 10th  ${\rm year}^{\scriptscriptstyle{(32)}}$ 

(Death of proper time) The day of mohitā / He will die in water.

(4) A person born on the day of vrşabha

The Catuṣpīṭhatantra (33)

He will be valiant even surrounded by powerful enemies / He will be handsome / He will possess wealth / He will have many wives / He will have many kinsmen / His father will die in the early stage of his life / He will make his living by trade / He will be lazy / He will be talkative / He will be a wrongdoer of cruel conducts.

(Life span) 60 years / He will die by some weapon or by poisonous creatures in the end of early morning.

(Summary) He will be quick-tempered.

The Vajradākatanra (34)

He will be brave, having vigour and heroism / He will be handsome / He will possese wealth / He will have many wives / He will show his affection for everyone like for his kinsmen / His father will die in the early stage of his life / He will make his living by trade / He will be fond of sexual intercourse / He will be lazy / He will be talkative / He will be a wrongdoer of cruel conducts.

(Death of improper time) The 9th day, and the 2nd, 8th or 9th year.

(Death of proper time) At the end of early morning on the day of bhadra / He will die by some weapon or by poisonous creatures.

(Life span) 60 years.

The  $Dakarnavatantra^{(35)}$ 

He will obtain the sovereignty of all / He will be cruel and the like, having a wrong cognition.

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures

(Death of improper time) The 2nd, 8th, or 9th year. (36)

(Death of proper time) The day of bhadra / He will be killed.

(5) A person born on the day of kūrma

The Catuṣpīṭhatantra (37)

He will be loose-thinking / He will get in a temper to trifling matters / He will get satisfied easily / He will be talkative / He will be fond of his kinsmen / He will get angry too much / He will be violent / He becomes a lord who gives everything / His wife and sons will die before he dies. Hence, he will continue to be the master of his land throughout his life after bocoming a householder / He will make his living by agriculture and the like / He will be suffered from <code>kustha</code> disease.

(Life span) 80 years / He will die in his land.

(Summary) He becomes a man of loose-thinking.

The Vajradākatantra (38)

He will be firm-thinking / He will get in a temper / He will get satisfied easily / He will be talkative / He will be fond of his kinsmen / He will have an inclination for sensual enjoyment / He becomes a lord who gives everything / His wife and sons will die before he dies / He will be lightminded / He will be evil-minded / He will make his living by agriculture and the like / He will be suffered from <code>kustha</code> disease.

(Death of improper time) The 9th day, the 2nd, 8th or 9th month, and the 9th year.

(Death of proper time) The day of *vṛṣabha* / He will die in his land. (Life span) 64 or 80 years.

The *Dākārṇavatantra* (39)

He will be an average person / He becomes the chief of those who are of low status.

(Death of improper time) The 2nd, 8th or 9th year. (Or the 2nd or 8th day, the 2nd or 8th month, and the 9th year.)(40)

(Death of proper time) The day of vṛṣabha / He dies in his house.

#### (6) A person born on the day of makara

The Catuspīthatantra (41)

He will be virtuous / He will be a man of good conducts / He will keep his moral obligation / He will be rich / He will be handsome / He will have good fortune and honour / He will be skilled in every kind of hand-craft / His only wife will be excellent / He will be slow-thinking / He will achieve together with his kinsmen\* / He will talk pleasant words to everyone.

(Life span) 96, 55, 60, or 30 years / He dies in war.

(Summary) He will be a speaker.

## The Vajraḍākatantra (42)

He will be virtuous / He will be a man of good conducts / He will keep his moral obligation well / He will be rich / He will be handsome / He will have good fortune, honour and glory / He will be skilled in every kind of handcraft / He will have many sons and grandsons / He becomes the excellent among people in his town / He will obtain great enjoyments and a great retinue / He will beat many enemies.

Cycle of Time, Calendar, and Fortune-telling in the Catuspīṭha and the Cakrasamvara Buddhist literatures

(Death of improper time) The 10th day, the 3rd or 5th month, and the 9th year.

(Death of proper time) The day of  $k\bar{u}rma$  / He will die in war. (Life span) 55 or 64 years.

The *Dākārṇavatantra* (43)

He will accomplish all religious merits / He becomes the ruler of a province.

(Death of improper time) The 10th day, the 5th month, and the 3rd or 5th year.

(Death of proper time) The day of kūrma.

(7) A person born on raṇḍā

The Catuṣpīṭhatantra (44)

He will be malicious / He will talk shattered words to people / He will be poor / He will talk sweet words\* / He will be sickly / He will be punished by the king / He will be fond of sexual intercourse / He will not trust others / He will be in favor with all ladies / He will be skilled in all field such as a paramour, handcrafts and the like.

(Life span) 55, 60, or 30 years.

(Summary) He will be a man thinking of committing sins.

The Vajraḍākatantra (45)

He will be malicious / He will talk shattered words to people / He will be poor / He will be ill-mannered / He will be sickly / He will be punished by the king / He will be in favor with all ladies / He will be skilled in all

field such as a paramour, handcrafts and the like.

(Death of improper time) The 2nd or 10th day, the 2nd or 8th month, and the 8th year.

(Death of proper time) The day of makara.

(Life span) 55 or 36 years.

The *Dākārnavatantra* (46)

He will commit sins / He will be sickly / He will be in favor with men and women.

(Death of improper time) The 2nd or 10th day, the 2nd or 10th month, and the 8th year.  $^{(47)}$ 

(Death of proper time) The day of makara.

(8) A person born on the day of mikira

The Catuspīţhatantra (48)

He will be well acquainted with his *dharma* / He will make his lineage prosperous / He will be well acquainted with the conons on politics and others, and various handcrafts / He will talk violent and abusive words / He will get angry too much and be fearful / He will be poor / He will accomplish soon what to be done.

(Life span) 88 years / He will die in water by some royal weapon.

(Summary) He will become inclined in sexual intercourse.

The Vajradākatanra (49)

He will be well acquainted with his  $\it dharma$  / He will make his lineage prosperous / He will be well acquainted with the conons on politics and

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures others, and various handcrafts / He will be haughty / He will be brave / He will be cunning / He will be envious / He will be poor / He will accomplish soon what to be done / He will be happy.

(Death of improper time) The 2nd or 5th day, the 3rd or 9th month, and the 9th year.

(Death of proper time) The day of randa / He will die in water. (Life span) 63 years.

The *Dākārnavatantra* (50)

He will be equivalent to the sarvajña ("all-knower").

(Death of improper time) The 2nd or 5th day, the 3rd or 9th month, and the 9th year. (51)

(Death of proper time) The day of randa / He will die in water.

(9) A person born on bhidrika (or bhidri)

The *Catuṣpīṭhatantra*<sup>(52)</sup>

His mother will die soon after he was born, and his father will die when he becomes eight years old. Hence, he becomes the master of his house in the early stage of his life / He will be poor / He will be quick-tempered / He will be a stupid man of evil deeds / He will undertake everything as he wishes / He will be brave / He will be a powerful leader / He will show his affection for everyone like for his birth-lineage / He will have mercy on the people of low status and the sufferings.

(Life span) 108 years / He dies in his house.

(Summary) He will be inclined to sleep.

The Vajradākatantra (53)

His mother and father will die in the early stage of his life / He will be poor / He will be a stupid, evil-minded wrongdoer / He will practise the  $brahmacary\bar{a}$  / He will become sick / He will be brave / He will be distressed / He will be envious.

(Death of improper time) The 5th day, the 2nd or 4th month, and the 8th or 10th year.

(Death of proper time) The day of *mikira* / He will die in his house. (Life span) 64 years.

The *Dākārṇavatantra* (54)

Few of what he wishes will come true / His mother and father will die in the early stage of his life / He will be distressed.

(Death of improper time) The 5th day, the 2nd or 4th month, and the 8th or 10th year. (55)

(Death of proper time) The day of mikira / He will die in his house.

(10) A person born on the day of *vyākuli* [or *vyākulī*]

The Catuspīţhatantra (56)

He will talk harsh words / He will be unintelligent / He will have little wisdom / He will have weak digestion / He will have few friends / He will show his affection and favor for his kinsmen / He will have mercy on those who are of low status and those who are suffered / He possess wealth and cattles / He will have three wives in his house\* / He will be a man of quick-temper and the like / His enemy will make a fearful attack / His father and mother will live long / He will make his living by trade

Cycle of Time, Calendar, and Fortune-telling in the Catuspīṭha and the Cakrasaṃvara Buddhist literatures

(Life span) 70 years / His occupation, trade, will be the cause of his death.

(Summary) He will be inclined to blame others.

The Vajradākatantra (57)

He will be unintelligent / He will have little wisdom / He will have weak digestion / He will have many enemies / His son's life span is short / He will fear many things, be distressed by these. However, he will be rich later / He will show his affection for everyone like for his kinsmen / He will have mercy on those who are of low status and those who are suffered / He will possess wealth and cattles / He will have three wives and houses / He will be a man of quick-temper and the like / His enemy will make a fearful attack / He will make his living by trade.

(Death of improper time) The 4th, 6th, 9th or 10th month.

(Death of proper time) The day of bhidrika.

(Life span) 91 years.

The *Dākārṇavatantra* (58)

He will be poor. However, he will be rich later.

(Death of improper time) The 4th, 6th or 10th month. (59)

(Death of proper time) The day of bhidri.

(11) A person born on the day of svapna (or  $svapnik\bar{a}$ )

The Catuspīţhatantra (60)

He will be brave, having vigour and heroism / He will burn and destroy all his enemies / He will behave like a relative for those who have

no protector / He will be poor / He will be malicious / He will have a lionlike disposition / He will talk harsh words / He will enjoy good health / He will always obtain enjoyments / He will make his living by service labor / He will rape ladies /

(Life span) 50 years / He will be killed with some weapon by his enemy.

(Summary) He will have a brave disposition of mind.\*

The Vajraḍākatanra (61)

He will be heavily distressed / He will be brave, having vigour and heroism / He will destroy all his enemies / He will please good people / He will behave like a relative for those who have no protector / He will talk harsh words to everyone / He will be malicious / He will be poor / He will be ill-mannered / He will enjoy good health / He will always obtain enjoyments / He will make his living by service labor / He will have a lion-like disposition in anywhere.

(Death of improper time) The 4th, 5th or 10th day, the 8th month, and the 8th year.

(Death of proper time) The day of *vyākuli*.

(Life span) 64 years.

The  $Dakarnavatantra^{(62)}$ 

He will be brave, having vigour and heroism / He will accumulate both religious merits and sins.

(Death of improper time) The 4th, 5th or 10th day, the 4th, 5th or 10th month, and the 4th, 5th or 10th year. (63)

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures

(Death of proper time) The day of vyākuli / He will be killed by his enemy.

(12) A person born on the day of kāma (or bhuvaneśvara)

The Catuṣpīṭhatantra (64)

He will possess wealth, a village and cattle / He will ride a horse and the like / He will talk the truth / He will be well acquainted with his dharma / He will do benefits for all people / He will be knowledgeable / He will talk pleasant words / He will be learned in all scriptures / He will be in favor with everyone.

(Life span) 68 years / He will die in his land.

(Summary) He becomes a reciter of sacred verses.

The Vajraḍākatantra (65)

He will possess wealth / He will ride a horse / He will talk the truth / He will have many friends / He will practise <code>brahmacarya</code> / He will be well acquainted with his <code>dharma</code> / He becomes the <code>pandita</code> / He will do benefits for all people / He will be skilled in handcrafts / He will talk pleasant words / He will be learned in all canons / He will be in favour with everyone.

(Death of improper time) The 8th day, the 8th month, and the 8th year.

(Death of proper time) The day of svapnikā.

(Life span) 88 years.

The <code>Dakarnavatantra</code> (66)

He becomes a bodhisattva ("a practitioner of mahāyāna").

(Death of improper time) The 8th day, the 8th month, and the 8th year. (Death of proper time) [The day of *svapnikā*.]<sup>(67)</sup>

There are four points to be discussed.

(I) One possibility in depending on the concept of abode-masters Since the abode-masters also represent divisions of a day as shown in TABLE 1, 2 and 3, the birth fortune-telling based on the concept of abode-masters can be based on each division of a day when a person was born. The *Vivṛti* narrates that each abode-master in the above fortune-telling means the division of a day, as mentioned before. However, the *Vajraḍā-katantra* and the *Dākārṇavatantra* insist that each abode-master should mean the day.

## (II) Contents of a person's personality and fortune

It is difficult to categorize the above births into good fortune or bad one. (Indeed it seems that a person born on the day of  $k\bar{a}ma$  or bhuvane- $\hat{s}vara$  is the best. However, he does not live up to one hundred years old, which had frequently been regarded as one of the ideals in classic age.) The tantras seems to have an idea that a person's life is generally a mixture of the good and the bad.

(III) Relation among the three *tantras* and developement of the theory First, we notice the similarity of the contents of fortune-tellings between the *Catuspīthatantra* and the *Vajraḍākatantra*. Although the *Dākārnavatantra* gives only summaries, these summaries can be considered to

Cycle of Time, Calendar, and Fortune-telling in the Catuspīṭha and the Cakrasamvara Buddhist literatures be simple extractions from the lines in the Vajraḍākatantra in some, and ones relevant to one or two lines in the same tantra in others. It is unlikely that these summaries in the Pākārnavatantra directly derive from the Catuspīṭhatantra, for the summaries in the former tantra are different from those given in the latter in many cases.

The  $D\bar{a}k\bar{a}rnavatantra$ 's familiarity with the  $Vajrad\bar{a}katantra$  compared with that with the  $Catusp\bar{\iota}thatantra$  can also be observed in the following fact. The  $Catusp\bar{\iota}thatantra$  does not designate a particular division of one's death-day. On the other hand, the  $Vajrad\bar{a}katantra$  and the  $D\bar{a}k\bar{a}rnavatantra$  do, and that, they give almost the same instruction. It seems that the addition of the instructions on the days of deaths of proper time and of improper time is the main development from the  $Catusp\bar{\iota}thatantra$  to the two tantras in the Cakrasamvara literature.

(IV) Relation between the time of birth and that of death of proper time

The relation between the day of birth and that of death of proper time observed in the  $Vajrad\bar{a}katantra$  and the  $D\bar{a}k\bar{a}rnavatantra$  is interesting. The table below shows the relations. This table should be read in this way: a person born on the day of  $rohit\bar{a}$  is to die on the day of bhuvanesvara.

Birth	: Death	Birth	: Death	Birth	: Death
rohitā	: bhuvaneśvara	bhuvaneśvara	: svapnikā	svapnikā	: vyākuli
vyākuli	: bhidrika	bhidrika	: mikira	mikira	: raṇḍā
raṇḍā	: makara	makara	: kūrma	kūrma	: vṛṣabha
vṛṣabha	: bhadra	bhadra	: mohitā	mohitā	: rohitā

What should be noted here is that the division of birth and that of

death adjoin each other in reverse order. Of course this is due to the theoretical manipulation by the two *tantras*. Then, what is this manipulation for? See again TABLE 2 and 3. A cycle of time starts with *rohitā* and ends with *bhuvaneśvara*. When it starts with *bhuvaneśvara*, it ends with *svapnikā*. When it starts with *svapnikā*, it ends with  $vy\bar{a}kuli$ . They can be summarized as follows.

Start	: End	Start	: End	Start	: End
rohitā	: bhuvaneśvara	bhuvaneśvara	: svapnikā	svapnikā	: vyākuli
vyākuli	: bhidrika	bhidrika	: mikira	mikira	: raṇḍā
raņḍā	: makara	makara	: kūrma	kūrma	: vṛṣabha
vṛṣabha	: bhadra	bhadra	: mohitā	mohitā	: rohitā

As above, the starting divisions and the ending ones of a cycle of time are in concord with the birthdays and the death days shown in the previous table respectively. It means that the death of proper time, better death, seizes the person in the twelfth division of a cycle consisting of twelve divisions when one count the person's birthday as the first division of a cycle. From this point, it can be stated that in the systems of the *Vajradākatantra* and the *Dākārṇavatantra*, the death of proper time means the fulfillment of a cycle. On the other hand, the death of improper time, undesirable death, does not mean this fulfillment. The Day of death of improper time is never the twelfth division of a cycle.

### 5 Conclusion

From the above investigation, we can draw a conclusion that (i) the systems of a cycle of time, calendar and fortune-telling introduced in the Cycle of Time, Calendar, and Fortune-telling in the Catuspūtha and the Cakrasamvara Buddhist literatures Cakrasamvara literature are based on the systems in the Catuspūtha literature, and at the same time, (ii) the Cakrasamvara literature has developed the systems in the Catuspūtha literature into its unique ones, partly by accepting some ideas in the classic Hindu astrology and partly by introducing some concepts of the traditional Buddhist doctrine into them. The details are as follows.

### THE BASE STRUCTURE

The twelve abode-masters such as  $rohit\bar{a}$ ,  $mohit\bar{a}$ , bhadra, etc. function as a base unit of a cycle of time. They represent twelve divisions of a cycle of time, and are placed in order on the twelve abodes i.e. twelve equal divisions of the ecliptic. The starting point is the east and the dawn. The winter solstice day and the Pauṣa are the starting day and month respectively.

The idea of the twelve equal divisions of the ecliptic appears in the system of classic astrology. However, the concept of twelve abode-masters can not be found in and the prescription on the starting day and month is different from the system by Varāhamihira.

### CYCLE OF TIME

The twelve abode-masters correspond to astronomical elements such as sixty *ghati*s, the zodiac signs, asterisms and planets, twelve *nāgas*, twelve vowels and Buddhist doctrines such as twelve stages of enlightenment and twelve causal steps of origination of suffering. The details of these correspondences differ between the texts. In the *Catuṣpīṭhatantra*, the concept of twelve abode-masters did not have associations with the

astronomical elements and the Buddhist doctrines. It is the commentaries of this *tantra* and the texts belonging to the *Cakrasamvara* literature which have introduced these associations. It means that the twelve abode-masters having their significances in fortune-tellings obtained the astronomical basement and the doctrinal connection after the *Catuṣpīṭhatantra*.

Another notable difference between the texts in the *Catuṣpīṭha* tradition and those in the *Cakrasamvara* tradition is the direction of the arrangement of twelve abode-masters. The former arrange them in the reverse of the direction of diurnal motion starting from the ecliptic point on the horizon in the east, while the latter in the direction of diurnal motion. The manner of the former agrees with that of classic Hindu theory represented by Varāhamihira. The inverse order of arrangement seen in the texts of the *Cakrasamvara* tradition, although it is not clear whether this manner derives from the stance of the *Cakrasamvara* literature that it prefers inverse order, defines the contents of the calendar of this tradition.

#### CALENDAR

It is common among the Buddhist texts that the twelve abode-masters are attributed to days and months in ordinary order. As the month goes by, each of twelve abode-masters by which the days in the month are demarcated shifts one by one. However, the direction of the shift is different between the *Catuspītha* tradition and the *Cakrasamvara* one. The direction of the shift in the latter is the reverse of that in the former. It is due to the latter's prescription that the order of arrangement of the twelve abode-masters is the reverse of that in the former.

Another notable difference between the texts in the Catuspīţha

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures tradition and those in the Cakrasamvara one is that the latter put forward an idea on how to deal with the 13th, 14th and 15th days in each half month by the concept of twelve abode-masters, which is not clear in the former. In the latter, the abode-masters corresponding to the 3rd, 4th and 5th days are again assigned to the 13th, 14th and 15th days. By this idea, the Buddhist system has slightly approached to the classic calendar theory in which one month has thirty days.

The idea on the lengths of the daytime and of the nighttime in each month in the Buddhist texts of both traditions is approximately in concord with that in the classic system in its outline.

## FORTUNE-TELLING ACCORDING TO THE BIRTHDAY

The fortune-telling according to the day of birth in the Buddhist texts differs from that by Varāhamihira in that the former is not based on the horoscope system. In the latter, the fortune of a person is told according to the location of the planets on his birthday. In the former, on the other hand, it is told according to the abode-master assigned to the person's birthday, based on their calendar in which the days have their corresponding abode-masters.

The notable difference between the *Catuspītha* tradition and the *Cakrasamvara* one in the fortune-telling according to the birthday is that the latter has an instruction on the days when death of improper time and that of proper time might seize the person. In this instruction, the death of proper time seizes the person in the twelfth division of a cycle consisting of twelve divisions when one count the person's birthday as the first division of a cycle. In brief, the death of proper time means the fulfillment of

a cycle, which is the view of death in terms of the fortune-telling according to one's birthday.

- 1 I have once published a very short paper on this topic in *Journal of Indian and Buddhist Studies* (Sugiki 2003). In that paper, however, I could not do more than introducing the outline of the systems in the *Catuṣpīṭhatantra*, the *Vajraḍā-katantra* and their commentaries very briefly.
- 2 Yano 1976.
- 3 (a) The amount of breaths and ghatis in a day:

The Catuṣpīṭhatantra, Ms, Kathmandu Reel B26/23 (= K1) 1b5, Cambridge Add.1704 (= C) 2a1, Kathmandu Reel A138/10 (= K2) 2a1-a2. — \*ayute dve sahasrāṇi ŝataṣaṣṭheti-m[= ayute dve sahasraṃ ṣaṭ ŝatānīty] aṅkathā /º \*ghaṭiṣaṣṭheti[= ghaṭiṣaṣṭīti] śvāsānām ahorātram ca kīrtitam // — [Note] i) ayute ] ayutam — K1.K2::-ti-m aṅkathā] bhim āṅkathā — K1./ bhim ākathā — C./ tim advadhā — K2. ii) ghaṭiṣaṣṭheti] ghaṭiṣaṣṭika — K1:: ahorātraṃ] ahorātraš — K2.

The Nibandha, Ms Kathmandu B112/4, 5a2-a3. — ayutam dve sahasrāṇi śataşaṣṭheti ṣaṭ śatāni iti-m aṅkam iti /º aṅkena ganayed ity arthaḥ //il ghaṭiṣaṣṭīti /
ghaṭiṣabdena daṇḍaḥ // ghaṭiṣaṣṭheti śvāsānām ahorātraś ca kīrtita iti /
ayutadvayam, sahasrāṇīti sahasram ekam, [śata]ṣaṣṭheti ṣaṭ śatāni /ill ṣaṣṭi iti ṣaṣṭiḥ / ṣaṭśatādhikaikaviṃśatisahasrāṇi śvāsānām // — [Note] i) [a]yutam dve
sahasrāṇi ] damaged — Kathmandu B112/4. Restored by IASWR MBB-I-43, p.3,
l.23. ii) gaṇayed ] gaṇanayed — Kathmandu B112/4. iii) śataśaṣṭheti ṣaṭ śatāni ] damaged — Kathmandu B112/4. Restored by IASWR MBB-I-43, p.4, l.2-5.

(b) Twelve abodes and days arranged in anticlockwise direction:

The Catuspīṭhatantra, Ms, Kathmandu Reel B26/23 (= K1) 1b6, Cambridge Add.1704 (= C) 2a2-a3, Kathmandu Reel A138/10 (= K2) 2a3-a4. — bāhyam aṅkita[= -tam] sthātavyam bhuvanadvādašam tathā /" yathā\* dinābhim[= dinair] aṅkānām dvādašakoṣṭhasthāpanam /" — [Note] i) bāhye-m aṅkita] bāhyom aṅkita — K1./ bāhyām aṅkata — C.: -dvādašam] dvādaše — C./ dvādašakan — K2. ii) yathādinābhim aṅkānām] yathādim aṅkānām — K1./ yathādinabhim

Cycle of Time, Calendar, and Fortune-telling in the *Catuspitha* and the *Cakrasaṃvara* Buddhist literatures akānām — C.K2./ Followd *Nibandha*.: -sthāpanam ] sthāpayet — C.

The Nibandha, Ms Kathmandu B112/4, 5b1-b3. — bāhyam aṅkitam iti / śvā-sakarmato nyaset / aṅkitam likhitam / kim tad ity āha — bhuvanadvādaśam tatheti /¹¹ bhuvanam koṣṭhakāni dvādaśa //¹¹ yathādinābhim aṅkānām dvādaśakoṣṭhasthāpanam iti / teṣu koṣṭhakeṣu yasya māsasya yāni dināni teṣām ye 'ṅkā likhanāni teṣām, sthāpanam vāmāvartena pratipadādīr dvādaśyantās tithīr likhed ity arthaḥ //¹¹¹ [Note] i) bhuvana-] bhuvanam — Ms. ii) dvādaśa ] dvādaśaḥ —Ms. iii) pratipadādīr ] pratipadādīn — Ms.: dvādaśyantās ] dvādasyāntās — Ms.: tithīr ] tithil — Ms.

(c) Twelve abodes and months arranged in anticlockwise direction:

The  $Catusp\bar{\imath}thatantra$ , Ms, Kathmandu Reel B26/23 (= K1) 1b6, Cambridge Add.1704 (= C) 2a3, Kathmandu Reel A138/10 (= K2) 2a4.—  $p\bar{\imath}urvapaus\bar{\imath}adi$   $sth\bar{\imath}atavyam$   $dv\bar{\imath}adasakramatatparam$  // — [Note]  $p\bar{\imath}urvapaus\bar{\imath}adi$  ] (damaged) $s\bar{\imath}adi$  — C.:  $dv\bar{\imath}adasakramatatparam$  ] blurred — K1.

The Nibandha, Ms Kathmandu B112/4, 5b3-b4. — pūrvam pauṣādi sthātavyam dvādaśam kramatatparam iti / pūrvam asmin koṣṭhakeṣu aṅkeṣu puṣyamāsam ādau likhitvā śeṣeṣu koṣṭhakeṣu māghādimāsān vāmāvartataḥ krameṇa likhed ity arthaḥ / tatparam iti bhaktiparo yogī / meṣādayo 'pi rāśayo 'tra draṣṭavyāḥ // — [Note] i) puṣyamāsam ] ṣyamāsam — Ms.: ādau ] ādo — Ms. — The Nibandha seems to interpret the first word "pūrvam" as pūrvoktakoṣṭhaka. The topic on the signs of the zodiac which appears in the last line will be discussed later.

(d) Days, months, twelve signs of the zodiac are represented by twelve abode-masters:

The Catuṣpīṭhatantra, Ms, Kathmandu Reel B26/23 (= K1) 1b6--2a1, Cambridge Add.1704 (= C) 2a3-a4, Kathmandu Reel A138/10 (= K2) 2a4-a5.—rohitā mohitā caiva bhadra-vṛṣabhas tathā /¹i kūrma-makara-raṇḍāś ca mikiram[→-ro] bhidrikas tathā //ii vyākuli-svapna-kāmānām[= -mā] dvādaśa bhuvaneśvarāh /iii — [Note] i) rohitā ] damaged — K1.: mohitā ] mohitāś — K2.: -vṛṣabhas ] vṛṣambhas — C. ii) -raṇḍāś ca ] raṇḍānāṃ — K1./ raṇḍā ca — C.: bhidrikas ] bhadrikas — K. iii) vyākuli ] vyākulī — K1.K2: -kāmānāṃ ] kā(damaged) — C.: dvādaśa bhuvaneśvarāḥ ] dvādasabhuvane svaraṃ — K1./ (damaged)bhuvaneśvaraḥ — C./ dvādaśam bhuvaneśvaraṃ — K2.

The Nibandha, Ms Kathmandu B112/4, 5b4-6a1. — rohitetyādi / pratimāsa-pratipadādīni dinādi puṣyādayo māsā meṣādayo rāśayo krameṇa rohitādiśabda-vācyāḥ //º dvādaśabhuvaneśvaram iti / dvādaśabhuvanānām koṣṭhakānām īśvarā rohitādayo bhavanti ity api draṣṭavyam //— [Note] i) pratimāsa-] pratimāsam — Ms.: puṣyādayo māsā] puṣyādayo sā — Ms.

### (e) Length of each division:

The Nibandha, Ms Kathmandu B112/4, 6a1-a2. — yathā rohitāmakarau tisro, catvāro moha-kūrmayoh, bhadra-vṛṣabhayoh pañca, raṇḍā[=-ṇḍāyām] kāme ca pañcamah, bhidri-vyākulibhyām \*ṣaṣṭha[→ṣaṭ], mikira-svapne ca saptama iti // — [Note] kāme ca] kāme ra — Ms.

The Nibandha, Ms Kathmandu B112/4, 6a2-a4.—prabhāte trayo daṇḍā rohitā /") tatah pare catvāro daṇḍā mohitā / tatah pare pañca daṇḍā bhadram / tatah pare tāvanto daṇḍā vṛṣabhaḥ / tatah pare catvāro daṇḍāḥ kūrmaḥ /") tatah pare trayo daṇḍā makarah / tatah pare pañca daṇḍā raṇḍā / tatah pare sapta daṇḍā mikirah / tatah pare ṣaḍ daṇḍā bhidriḥ / tatah pare tāvanto daṇḍā vyākuliḥ / tatah pare sapta daṇḍāḥ svapnaḥ / tatah pare pañca daṇḍāḥ kāmaḥ //") itham ahorātreṇa ṣaṣtir daṇḍāḥ /") tithimāṣarāṣidaṇḍā militair yathoktam niyamena bhavati //") — [Note] i) daṇḍā ] raṇḍā — Ms. ii) kūrmaḥ ] kūrmma — Ms. iii) daṇḍāḥ ] daṇḍā — Ms.\hspace(1zwiv) ṣaṣṭir ] ṣaṣṭī — Ms.\hspace(1zwv) -rāṣi- ] rāmi — Ms.

(f) The lengthh of each division and correspondences of the divisions to the twelve signs of the zodiac and twenty-seven asterisms:

The Nibandha, Ms Kathmandu B112/4, 12b4-13a4. — prabhāte daṇḍatraye meṣabhoge aṣvinī bharaṇī kṛttipādabhāgaṣ ca jāyate /" tato daṇḍacatuṣṭaye vṛṣabhoge kṛttikāpādatrayam[→-yo] rohiṇī tathā mṛgaṣīṛṣārdhaḥ / tato daṇḍapañcake mithunabhoge mṛgaṣīṛṣārdha ārdrā punarvasupādatrayaṣ ca /iii tato tāvatsu daṇḍeṣu karkaṭabhoge punarvasupāda-m-ekaḥ puṣya āṣleṣā /iii tato daṇḍacatuṣṭaye siṃhabhoge maghā pūrvaphālguṇī uttaraphālguṇīpādaṣ ca /iv tato daṇḍatraye kanyābhoge uttaraphālguṇīpādatrayam[→-yo] hastā citrārdham[→-rdhaṣ] ca /v tato daṇḍapāncake tulābhoge citrārdhaṃ[→-rdhaḥ] svātir viṣākhāpādatrayaṣ ca /vii tato 'pi saptamadaṇḍeṣu vṛṣcikabhogeṣu viṣākhāpādaḥ anurādhā jyeṣṭhā ca /viii tato daṇḍaṣaṭke dhanurbhoge mūlā pūrvāṣāḍhā uttarāṣāḍhāpādaṣ ca /viii tato 'pi tāvatsu daṇḍeṣu makarabhogeṣu uttarāṣāḍhāpādatrayam[→-yo] ṣravaṇā dhani-

şthārdham[→-rdhaś] ca /¹sɔ tato 'pi daṇḍasaptake kumbhabhoge dhaniṣthārdham [→-rdhaḥ] śatabhiṣā pūrvabhādrapadāpādatrayam[→-yaś] ca /sɔ tato daṇḍapācake mīnabhoge pūrvabhādrapadāpāda uttarabhādrapadā revatī ca /sɔ ittham api trīṇi nakṣatrāṇi jñāyante //sɔ — [Note] i) kṛtti- ] kṛrtti — Ms. ii) ārdrā ] ādrā — Ms.: punarvasu- ] punarvasū — Ms. iii) tāvatsu ] tāvat sa — Ms.: punarvasu- ] punarvasū — Ms.: puṣya āśleṣā ] puṣyāśleṣāḥ — Ms. iv) -catuṣṭaye ] (three letters blurred)ye — Ms. v) uttaraphālguṇī- ] utraphālguṇī — Ms. vi) citrārdham ] citrārdha — Ms.: svātir ] śveti — Ms.: višākhā- ] višāṣā — Ms. vii) visākhāpādaḥ ] višāṣāpādau — Ms.: anurādhā ] anurāḍhā — Ms.: jyeṣthā ] jeṣthā — Ms. viii) daṇḍaṣaṭke ] daṇḍaṣaṭkā — Ms.: dhanurbhoge ] dhanubhoge — Ms.: uttarāṣāḍhā- ] utrāṣāḍha — Ms. x) pūrvabhādrapadā- ] pūrvabhadrāpadā — Ms. xii) pūrvabhādrapadā- ] pūrvabhadrapadā — Ms. xiii) trīṇi ] triṇī — Ms.

# 4 (a) The amount of breaths and ghațis:

The Vajradākatantra, Ms, Culcatta Śāstrī 72 (= C) 26b2, Tokyo Matsunami 343 (= T) 24a7-b1. — \*ayute dve sahasrāṇi śataṣaṣṭhety abdāni tu /º ghaṭiṣaṣṭeti śvāsasya ahorātram ca kīrtitam[= ayute dve sahasram śatāni ṣaṭ śvāsā iti ghaṭīṇi ṣaṣṭir ity ahorātram kīrtitam abde abde ] //iº — [Note] i) -ty abdāni] tu śabdāni — T. ii) -ti śvāsasya] ti svāsasya — C./ svāsasya — T.

The Vajradākatantravivrti, Ota. 71b8-72a3. — ñi khri dan ni shes bya ba la sogs pa la / khri phrag gñis dan ston phrag gcig dan brgya phrag drug ste brgya phrag drug dan bcas pahi ston phrag ñi su rtsa gcig go // cihi gran shes na / dbugs rnams kyi shes bya ba dan sbyar te / dbugs hbyun bahiho // ji tsam shig gi she na / chu tshod drug cu shes bya ba ste / chu tshod drug cu po rnams kyan ñin mtshan te / shag gcig gi yin no // ñin mtshan phrugs gcig po gcig kho nar ma zad kyi gshan dag gi yan yin par bstan pahi phyir / lo ru shes bya ba gsuns te / gñis pahi don gyis bdun ba yin no // lo ru shes bya ba ni ñe bar mtshan pa ste / bskal pa grans med pahi bar du yan ñin mtshan gyi dbugs kyi grans ni de skad du ses par byaho //

# (b) How to draw a table for fortune-telling:

The Vivrti, Ota. 72a6-7. — phan tshun du rim pa bshin thig gñis gñis btab la slar yan gru bshi na thig re btab pas dbus kyi lte ba ma gtogs pa re mig bcu gñis

su hgyur ro / phyi rol shes bya ba ni phyi rol gyi rtsibs te / dbud la sogs pahi mtshan ma ri mor bri baho //

(c) The direction of arranging the twelve abode-masters and length of each division:

The Vivṛti, Ota. 72a6-7. — de[= table for fortune-telling] la hphel dan chu srin la ni chu tshod gsum gyiho / gti mug dan rus sbal la ni bshiho / bzan po dan khyu mchog la ni lnaho / yugs sa mo dan hdod pa la han lnhi ho / hbugs pa dan hphyo ba la ni drug giho / sme ba dan rmi lam la ni bdun gyi ste / ŝar phyogs kyi re hu cha la ni gsum mo / me mtshams su ni bshiho / yan me mthams su ni lnaho / lho phyogs su ni lnaho / bden bral du ni bshiho / yan bden bral du gsum mo / nub tu ni lnaho / rlun mtshams su ni bdun no / yan rlun mtshams su drug go / byan du yan drug go / dban ldan du bdun no / yan dban ldan du lna ste / chu tshod kyi grans de dag ñid la hphel ba la sogs par brjod pa yin no //

(d) Correspondences of the twelve divisions to various elements:

The Vajradākatantra,] Ms, Culcatta Śāstrī 72 (= C) 26b3-b4, Tokyo Matsunami 343 (=T) 24b1-b2.—bāhye tv ankita[= -tam] sthātavyam bhuvanadvādašam tathā /" dinabhedam yathā proktam svarānām tathaiva ca //" nakṣatrānām udayam cāpi grahānām ca višeṣatah / kālamaraṇam tathā cānyat krama eṣa vidhīyate //" [Note]i) bāhye tv ankita] bāhyo 'nkita—T.: bhuvanadvādašam] bhuvanam dvādašan—C./ bhuvanadvādašas—T. ii) yathā] tathā—C.: svarāṇām] śvārāṇān—C. iii) -maraṇam] garalam—C.: cānyat] cānya—C./ cānyam—T.: eṣa] eṣo—C.

The Vivrti, Ota. 72b2-3. — dbyans kyi bye brag ces bya ba ni ma nin gi yi ge spans paḥi a la sogs paḥi dbyans kyi yi ge bcu gñis po ñid go rim bshin ḥphel ba la sogs pa min du brjod paḥo //

The Vivṛti, Ota. 72b3. — gzaḥ dan skar ma rnams kyi rgyu ba ni de rnams so sor rgyu baḥi rtsis so //

(e) Starting point for calculation:

The Vajraḍākatantra, Ms, Culcatta Śāstrī 72 (= C) 26b4--5, Tokyo Matsunami 343 (= T) 24b3. — pūrvasyā dišam ārabhya pūrvāhņe gaņitam budhaḥ / — [Note] pūrvasyā dišam] pūrvasyām dišim — C./ pūrvā disam — T.

(f) Correspondences to twelve signs of the zodiac:

The Vivrti,] Ota, 73a3-4. — de la hphel ba ni lug go / gti mug ni khyu mchog

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures

go / bzanpo ni hkhrig paḥo / khyu mchog ni kār ti kaḥo / rus sbalni sen geḥo / chu srin ni gshon nu maḥo / yugs sa mo ni sran no / sme ba ni sdig paḥo / hbugs pa ni gshuḥo / hphyo ba ni chu srin no / rmi lam ni bum paḥo / saḥ dban phyug ni ñaho //

(g) Correspondences of the signs of the zodiac to the asterisms, and the amount of *ghațis* in each division.

The Vivrti, Ota, 73a4-b2.——lug gi chu tshod gsum la tha skar dan bra ñe dan smin drug gi bshi cha gcig ste dguho / dehi hog ma khyu mchog gi chu tshod bshi la smin drug bshi cha gsum dan snar ma dan mgohi phyed do / dehi hog tu hkhrig pahi chu tshod lia la mgohi phyed dan / lag dan nabs sohi bshi cha sgum mo / de hi hog tu kar ka tahi chu tshod de dan hdra ba la nabs sohi bshi cha gcig dan rgyal dan skag go / dehi hog tu sen gehi chu tshod bshi la mchu dan gre dan dbohi bshi cha gcig go / deḥi ḥog tu bu moḥi chu tshod gsum la dboḥi bshi cha gsum dan me bshi dan nag pahi phyed do / dehi hog tu sran gi chu tshod lna la nag pa phyed dan sa ri dan sa gahi bshi cha gsum mo / dehi hog tu sdig pahi chu tshod bdun la sa gahi bshi cha gcig dan lha mtsams dan snon no / dehi hog tu gshuhi chu tshod drug la snubs dan chu stod dan chu smad kyi bshi cha gcig go / dehi hog tu chu srin gyi chu tshod de dan hdra la chu smad kyi bshi cha gsum dan gro shun dan mon gruhi phyed do / dehi hog tu bum pahi chu tshod bdun la mon gruhi phyed dan mon gre dan khrums stod kyi bshi cha gsum mo / de nas ñahi chu tshod lna la khrums stod kyi bshi cha gcig dan khrums smad dan nam gruho // de ltar na lug la sogs pahi ñi ma rnams ni skar ma gsum gsum la lons spyod par blta bar byaho //

- 5 The Vajradākatantravivrti, Ota. 79a4--6.
- 6 (a) The amount of breaths and ghatis in a day: The Dākārnavatantra, Ms, Kathmandu Reel B113/6, Kathmandu Reel A142/2, Kathmandu Reel D40/6. Almost the same lines as those in the Vajradākatantra.
  - (b) Correspondences of the twelve divisions to various elements:

The Dākārṇavatantra, Ms, Kathmandu Reel B113/6, Kathmandu Reel A142/2, Kathmandu Reel D40/6.—tayā bāhyeşu ankānām[= -nkāh]sthātavyā bhuvi dvādāsā /<sup>10</sup> dinabhedam yathā proktam dvādasaih[= -sabhih] sarvakālatah //<sup>110</sup> ekaikasya tu dhātuşya[= -toh] svakāla udayam tv api /<sup>110</sup> kālamaraṇam tathānyat krama eşo[= -ṣa] vidhīyate //<sup>110</sup> jūātam dādyādiyogeşu iha tu yogamātṛkā /<sup>10</sup> pau-

sādimāsam ārabhya sūryayānam tu uttare //\*\* — [Note] i) tayā ] vayā — A./ omits — B.: bāhyeşu ] vāheşu — All Mss./ phyi rol du — Tib.: aṅkānām ] adhyaṅkānā — A./ ardhakānā — B./ aṅkānā — C.: sthātavyā ] sthītavyā — A./ sthitavyā — B.: dvādaša ] dvādašam — A./ dvādašakam — B./ dvādasai — C. ii) dinabhedam ] puna bhede — C.: proktam ] prokta — C.: dvādašaiḥ ] dvāda — C.: -kālataḥ ] kārataḥ — A. iii) ekaikasya tu ] omits tu — A.B./ ekekesya tu — C.: svakāla ] svakāre — A.C.: udayaṃ tv api ] udayānty api — A./ udayaṃ svapi — B./ udayanty api — C. iv) -maraṇaṃ ] maraṇa — C.: tathānyat ] tathānyaḥ — A.C./ tathānye — B. v) jñātaṃ ] jñānaṃ — B.: iha ] ihan — A.C./ ihe — B.: -mātṛkā ] mātrikāḥ — C. vi) pauṣādi- ] omits — A.B./ yāpi — C./ rgyal gyi zla ba sogs — Tib.: ārabhya ] ālabhya — B.: sūryayānaṃ tu uttare ] sūryāyānaṃ tu uttaro — A.: sūryan tu yānan tu uttarā — B. / uttarā instead of uttare — C.

The Dākārnavatantra, Ms, Kathmandu Reel B113/6 (= A) 119b5-120a2, Kathmandu Reel A142/2 (= B) 78a9-b4, Kathmandu Reel D40/6 (= C) 74b3-b8. — tatrāvidyā samskāram√→-raś] ca vijñānam nāmarūpakam // sadāyatana/= nam] sparśam[→-rśas] tu vedanā tṛṣṇayā tathā /i upādānakam bhavam[= -vas] tu jātijarāmaranatah // evam kramāt tu vijneyā[= -yāni] tathā rohitādidinā[= -nāni] /" \*makarādi tu [= makarādi]rāśīnāṃ dvādaśakas tu-m işyatām //" [Note] i) -sparšam tu ] sparšem tu — A.: trsnayā ] ca trsnā — A.C. ii) -kramāt ] krama — A./ kramā — B.C.: rohitādidinā ] rohitādinā — A.B. iii) makarādi ] maķ karādim — A./ mataḥ karādim — B.: dvādašakas ] dvādašavat — A./ dvādašavas — B./ tu-m ] ca tum — C. —— prathamāvidyā makaram[= -ro]rohitā ca tathā parā /ii dvitīyā mohitā kumbhah samskāram/= -ro] jāyate sphuţam //ii trtīyā bhadrā mīnas ca vijnānam vidyate ca tu /iii) caturthyām vṛṣabhe meṣam√= -ṣas 7 ca nāma $r\bar{u}pam$  tu-m işyate //iv pañcamyām kūrme tu vrşam[= şah] şadāyatanaparā /v şasthyām makare mithunam ca sparšam/= -ršas | tu jāyate sadā //vi) saptamyām randā karkato vedanā ca parā tathā /vii) astamyām mikire simhas trsnā ca varavallabhā[= -bhe] //viii) navamyām bhidrike kanyā upādānakam işyatām /ix) daśamyām vyākuli tu \*tulam[= tulā] bhavas tu pragīyate //x ekādaśyām svapnikā tu vrścikam[= -ko] jātikas tathā /xii dvāda\$yām bhuvane\$varam[= -ro] dhanur jarāmaranakam //xii) — [Note] i) -vidyā ] vişthā — A.B./ bimbā — C.: makaram ] makāram — A.B.: parā ] parām — B.C. ii) kumbhaḥ ] kumbha — All Mss. iii) Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures

mīnas ca vijnānam] mīnas va vijnānam — All Mss. iv) caturthyām ] caturtha — All Mss.: vṛṣabhe ] vṛṣabha — A.C./ vṛṣa — B.: tu-m ] cam — B. v) pañcamyām ] pañcamyā — ABCD.: kūrme ] krame — A.B./ krama — C. vi) sasthyām ] şaşthyā — All Mss.: makare ] makara — All Mss.: mithunam ] mītunañ — C. vii) saptamyāṃ ] saptamyā — A.: raṇḍā ] caṇḍā — A.: karkaṭo ] karkaṭā — All Mss.: tathā | tathā parām — C. viii) astamyām | astamyā — A.: mikire | mikira — A./ kimire mire — B.: simhas ] siddhyam — C.:  $tsn\bar{a}$  ] trspu — C.: ca ] omits - A.C./ ra - B.: varavallabh $\bar{a}$  ] varallabh $\bar{a}$  - B./ caravallabh $\bar{a}$  - C. ix) navamyām ] navamyā — A.C.: bhidrike ] bhidriya — A./ bhadra — B./ bhidri — C.: kanyā ] kanya — A.B./ kalpam — C.: upādānakam ] upādānekam — A.B./ upādānam kam — C. x) dašamyām ] dašamyā — A.: vyākuli ] vyākulī — B.C.: tulam ] talam — C.: bhavas ] bhavan — B. xi) ekādašyām ] ekādašyā — A.C.: svapnikā ] svapikā — A./ svavikā — B./ svanikā — C.: jātikas ] jātikam — A./ jātukam — B. xii) dvādašyām ] dvādašyā — A.C.: bhuvanešvaram ] bhuvane svaram — A.C.: dhanur ] dhanu — A.B./ dhantur — C.: -maranakam ] manarakam — A./ manakam — B.

### (c) Starting point for calculation:

The  $D\bar{a}k\bar{a}rnavatantra$ , Ms, Kathmandu Reel B113/6 (= A), Kathmandu Reel A142/2 (= B), Kathmandu Reel D40/6 (= C). — kramakrameṇa sthātavyā māsā dvādaŝa-m eva ca / Dūrvādidiŝam ārabhya pūrvāhṇe gaṇitam budhaḥ / Dīro — [Note] i) kramakrameṇa ] kramā krameṇa — A.C./ kramā krameṇa tu — B.: māsā ] māsā māsā — A.B. ii) -diŝam ] diŝim — A.C.: pūrvāhṇe ] pūpūrvāhna — B.: gaṇitam budhaḥ ] ganita buga — C.

- 7 The Āloka, Ms, 2b4-b5. avidyādīni dvādašāngāni rohitādibhiḥ paryāyā-ntarair abhihitā[ni], gurūpadešah /.
- 8 The *Vajraḍākatantra*, Ms, Culcatta Śāstrī 72 (= C) 31a(whole leaf damaged)-31b1, Tokyo Matsunami 343 (= T) 28b7-29a2.
- 9 The *Brhajjātaka*, chap.1.15.
- 10 The Catuṣpīṭhatantra, Ms, Kathmandu Reel B26/23 (= K1) 2a1, Cambridge Add.1704 (= C) 2a4, Kathmandu Reel A138/10 (= K2). —— asya sthāpitakoṣṭhānām pūrvādikramato nyeset // —— [Note]-kramato] kramatam K1./ kramata C.

The Nibandha, Ms Kathmandu B112/4, 6a5-b1. — asya sthāpitakoşthānām

pūrvādi\* kramatam[→kramato] nyased iti / eşu koşthakeşu sthāpiteşu pūrvādikramato nyāsah kartavya ity arthah // kim tu māghādişu tithayo bhānti nāmabhedena / yathā māghe mohitā pratipad bhadrādayo rohitāntāh dvitīyādayo dvādašāntāh, evam anyatrāpi bhadrādikramādīn kṛtvā pratipadādayo gaṇayitavyāh / \[ \]

11 The Vairadākatantra, Ms. Culcatta Śāstrī 72 (= C) 26b5-27b5, Tokyo Matsunami 343 (= T) 24b4-25b4. — rohitā prathamā, dvitīyāyām mohitā, trtīyāyām bhadra, caturthyām vṛṣabha, pañcamyām kūrma, ṣaṣṭhyām makara, saptamyām raṇḍā, astamyām mikira, navamyām bhidrika, dasamyām vyākuli, ekādasyām svapnikā, dvādašyām bhuvanešvara // — [Note] dvitīyāyām] dvitīyām — T.: mohitā] mohitā tathā — C.: trtīyāyām] trtīyam — T.: caturthyām] caturthyā — T.: pañcamyām] pañcamyā —C.T.: kūrma] kurma —T.: bhidrikā] bhidrikā —C.: vyākuli] vyākula — C.: ekādaśyām] ekādasyām — C./ ekādaśyā — T.: svapnikā] svapanikā — T.: -neśvara] neśvarah — C. — prathamam bhuvaneśvara, dvitīyāyām rohitā, trtīyāyām mohitā, caturthyām bhadra, pañcamyām vrşabha, sasthyām kūrma, saptamyām makara, astamyām randā, navamyām mikira, daśamyām bhidrika, ekādaśyām vyākuli, dvādaśyām svapnikā // — [Note] bhuvaneśwara] bhuvaneśwaram — C.: dvitīyāyām] dvitīye —T.: caturthyām] caturthyā — C.T.: pañcamyām] pañcamyā — T.: şaṣṭhyām] ṣaṣṭhyā — C.: kūrma] kurmi — T.: saptamyām] saptamyā — T.: makara] omits — C.: aṣṭamyām] omits — C.: randā] randa — T.: bhidrika] bhadrikā — C./ bhidrik — T.: ekādaśyām] ekādasyām — C.: vyākuli] vyākulī — C.: dvādašyām] dvādasyā — C.: svapnikā] svapanikā —T. — prathamam svapnikā, dvitīyāyām bhuvaneśvara, tṛtīyāyām rohitā, caturthyām mohitā, pañcamyām bhadra, sasthyām vrsabha, saptamyām kūrma, astamyām makara, navamyām randā, dasamyām mikira, ekādasyām  $bhidrika,\ dv\bar{a}da\$y\bar{a}m\ vy\bar{a}kuli\ // ---- [Note] prathamam]\ prathama--- C.:\ svapnik\bar{a}]$ svapanikā — T.: dvitīyāyām] dvitīye — C.: caturthyām] caturthyā — C.T.: pa- $\tilde{n}$ camyām] pa $\tilde{n}$ ca — C.: saptamyām] saptamyā — C.: k $\tilde{u}$ rma] kurma — T.: astamyām] astamyā — C.: daśamyām] daśamyam — C./ daśamyā — T.: ekādaśyām] ekādasyām — C.: bhidrika] bhidrikā — C./ bhidrik — T.: dvādasyām] dvādaśyā — C.: vyākuli] vyākula — C. —— prathamam vyākuli, dvitīyāyām svapnikā, trtīyāyām bhuvaneśvara, caturthyām rohitā, pañcamyām mohitā, şaṣṭhyām bhadra,

saptamyām vṛṣabha, aṣṭamyām kūrma, navamyām makara, daśamyām randā, ekādašyām mikira, dvādašyām bhidrika // — [Note] svapnikā] svapanikā — T.: pañcamyām] pañcamyāmm — C.: bhadra] bhadrā — T.: kūrma] kurmma — T.: ekādasyām] ekādasyām — C.: bhidrika] bhidri — C./ bhadrika — T. prathamam bhidrika, dvitīyāyām vyākuli, trtīyāyām svapnikā, caturthyām bhuvaneśvara, pañcamyām rohitā, şaṣṭhyām mohitā, saptamyām bhadra, aṣṭamyām vṛṣabha, navamyām kūrma, daśamyām makara, ekādaśyām raṇḍā, dvādaśyām mikira // - [Note] prathamam] prathama — C.: bhidrika] bhidrikā — C.: dvitīyāyām vyākuli] dvitīye vyākula — C.: trtīyāyām] trtīye — C.: svapnikā] (ac) deleted (pc) svapanikā —T.: vṛṣabha] vṛṣabhi —T.: kūrma] kurma —T.: ekādaśyām] ekādasyā — C. — prathamam mikira, dvitīyāyām bhidrika, tṛtīyāyām vyākuli, caturthyām svapnikā, pañcamyām bhuvaneśvara, şaşţhyām rohitā, saptamyām mohitā, aṣṭamyām bhadra, navamyām vṛṣabha, daśamyām kūrma, ekādaśyām makara, dvādaśyām randā // — [Note] prathamam] prathama — T.: dvitīyāyām] dvitīye — C./ dvitīyā — T.: bhidrika] bhīdrikā — C./ bhadrika — T.: trtīyāyām] trtīye — C.: vyākuli] omits — T.: svapnikā] svapanikā — T.: saptamyām] saptamyāmm — C.: bhadra] bhadrika — T.: kūrma] kurma — T.: ekādasyām] ekādasyām — C.: dvādasyām] dvādasyām — C. —— prathamamraņdā, dvitīyāyām mikira, trtīyāyām bhidrika, caturthyām vyākuli, pañcamyām svapnikā, şaşthyām bhuvaneśvara, saptamyām rohitā, astamyām mohitā, navamyām bhadra, dasamyām vṛṣabha, ekādasyām kūrma, dvādasyām makara // — — [Note] prathamam] prathama — T.: bhidrika] bhidrikā — C.: svapnikā] svapanikā — T.: navamyām] navamyā — C.: dvādasyām] dvādasyām — C. — prathamam makara, dvitīyāyām raņdā, tṛtīyāyām mikira, caturthyām bhidrika, pañcamyām vyākuli, şaṣṭhyām svapnikā, saptamyām bhuvaneśvara, aşţamyām rohitā, navamyām mohitā, daśamyām bhadra, ekādaśyām vṛṣabha,  $dv\bar{a}da$ śy $\bar{a}m$   $k\bar{u}rma$  // — [Note] prathamam] prathama — T.: caturthy $\bar{a}$ m] caturthyā — T.: bhidrika] bhidrikā — C.: şasthyām] şasthyāmyām — C.: svapnikā] svapanikā — T.: dvādasyām] dvādasyām — C.: kūrma] kurma — T. — prathamam kūrma, dvitīyāyām makara, trtīyāyām raṇḍā, caturthyām mikira, pañcamyām bhidrika, şaşthyām vyākuli, saptamyām svapnikā, astamyām bhuvaneśvara, navamyām rohitā, daśamyām mohitā, ekādaśyām bhadra,  $dv\bar{a}da$ syām vrsabha // — kūrma] kurma — T.: dvitīyāyām] dvitīye — C.:

tṛtīyāyām] tṛtīye — C.: caturthyām] caturthyā — T.: pañcamyām] pañcamyā — T.: bhidrika] bhidrikā — C.: şaşṭhyām] şaṣṭhyā — T.: svapnikā] svapanikā — T.: ekādasyām] ekādasyām — C.: dvādasyām] dvādasyām — C.: vṛṣabha] (ac) deluted (pc) vṛṣabha — C. —— prathamaṃ vṛṣabha, dvitīyāyāṃ kūrma, trtīyāyām makara, caturthyām raṇḍā, pañcamyām mikira, şaṣṭhyām bhidrika, saptamyām vyākuli, astamyām svapnikā, navamyām bhuvanesvara, dasamyām rohitā, ekādasyām mohitā, dvādasyām bhadra // --- [Note] dvitīyāyām] dvitīye —С.: kūrma] kurma —Т.: caturthyām] caturthyā —С.: pañcamyām] pañcamyā — T.: bhidrika] bhidrikā — C.: svapnikā] vyākuli — C./ svapanikā — T.: ekādaśyām] ekādasyām — C.: mohitā] mohitātā — C.: dvādasyām] dvādasyām — C. — prathamam bhadra, dvitīyāyām vṛṣabha, tṛtīyāyām kūrma, caturthyām makara, pañcamyām raṇḍā, şaṣṭhyām mikira, saptamyām bhidrika, aṣṭamyām vyākuli, navamyām svapnikā, dašamyām bhuvanešvara, ekādašyām rohitā, dvādaśyām mohitā //---[Note] kūrma] kurma —T.: bhidrika] bhidri —C.: svapnikā] svapanikā — T.: ekādasyām] ekādasyā — C.: dvādasyām] dvādasyām — C. — prathamam mohitā, dvitīyāyām bhadra, trtīyāyām vrşabha, caturthyām kūrma, pañcamyām makara, şaşthyām raṇḍā, saptamyām mikira, aṣṭamyām bhidrika, navamyām vyākuli, daśamyām svapnikā, ekādaśyām bhuvaneśvara, dvādaśyām rohitā // — [Note] caturthyām] caturthyā — C.: kūrma] kurma — T.: aṣṭamyāṃ] aṣṭamyā — T.: bhidrika] bhidrikā — C.: svapnikā] svapanikā — T.: ekādasyām] ekādasyām — C.: dvādasyām] dvādasyām — C.: rohitā] rohi — C.

12 The Dākārṇavatantra, Ms, Kathmandu Reel B113/6 (= A) 120a2-a3, Kathmandu Reel A142/2 (= B) 78b4-b5, Kathmandu Reel D40/6 (= C) 74b8-b9. —— evam(= indicating the lines explaining the correspondences of the rohitā and the like to the days of the first month, the signs of zodiac and the avidyā etc.) bhuvaneśvarādiḥ svapnikādis tathā param /i vyākulyādir bhidrikādis tathā mikirādis tataḥ / /ii raṇḍādir makarādinā kūrmādir vṛṣabhādikā /iii bhadrādir mohitādis tu \*māsānām dvādaśas[= māsā dvādaśa] tataḥ //iii bhadrādir mohitādis tu \*māsānām dvādaśas[= māsā dvādaśa] tataḥ //iii bhuvane svarādiḥ ] bhuvane svarādi — A./ omits the last visarga — B./ bhuvane svarādiṃ — C.: svapnikādis ] svapne kādis — A.C./ svapnakādis — B.: param ] parām — All Mss. ii) vyākulyādir ] vyākulābhi — A.C./ vyākulābhir — B.: bhidrikādis ] omits the last "s" — A./ bhadrikādi — B./ bhidrikāvi — C.: mikirādis ] kimiris

- A./mikiris B.C. iii) raṇḍādir ] caṇḍādi A.B./ raṇḍādi C.: makarādinā ] mavarādinā A./ makarādīnā C.: kūrmādir ] kūmādi A./ omits the last "r" B.C. iv) bhadrādir ] omits the last "r" All Mss.: tataḥ ] tutaḥ A./ tu vaḥ B. As for the divisions of time corresponding to the 13th, 14th and 15th days, the Vajraḍākatantra, Ms, Culcatta Śāstrī 72 (= C) 26b5, Tokyo Matsunami 343 (= T) 24b3. trtīyā trayodaśī caiva caturthī caturdaśī tathā //º pañcamī pañcadaśī cāpi /<sup>ii)</sup> [Note] i) trtīyā] trtīyan C./ trtīyaṃ T. ii) pañcadaśī pañcadaśīň T. As to divisions of time corresponding to the 13th, 14th and 15th days, the Pākārṇavatantra, Ms, Kathmandu Reel B113/6 (= A), Kathmandu Reel A142/2 (= B), Kathmandu Reel D40/6 (= C). trtīyā trayodaśī caiva caturthī caturdaśī tathā /º pañcamī pañcadaśī cāpi kathyate śṛṇu sāṃpratam // [Note] i) tṛtīyā ] tṛtīya A.B./ triyā ca C.: trayodaśī ] trayovaśī C.: caturthī ] carttuthī ca C.: tathā ] omits All Mss./ de bshin Tib.
- 13 The *Catuspithatantra*, Ms, Kathmandu Reel B26/23 (= K1) 4a2-a3, Cambridge Add.1704 (= C) 5a4-b2, Kathmandu Reel A138/10 (= K2) 5a2-a3.
- 14 The *Catuspīthatantra*, Ms, Kathmandu Reel B26/23 (= K1) 4a4-b1, Cambridge Add.1704 (= C) 5b2-6a1, Kathmandu Reel A138/10 (= K2) 5a3-b2.
- 15 The *Vajradākatantra*, Ms, Culcatta Śāstrī 72 (= C) 29b1-b5, Tokyo Matsunami 343 (= T) 28a5-b1.
- 16 The *Vajraḍākatantra*, Ms, Culcatta Śāstrī 72 (= C) 32a2--33a1, Tokyo Matsunami 343 (= T) 29b1-30a7.
- 17 The *Catuṣpīthatantra*, Ms, Kathmandu Reel B26/23 (= K1) 4b3-5a5, Cambridge Add.1704 (= C) 6a4-7b1, Kathmandu Reel A138/10 (= K2) 5b5-6b3.
- 18 Ms, Culcatta Śāstrī 72 (lost and damaged), Tokyo Matsunami 343 (27b6-28a7).
- 19 Ms, Kathmandu Reel B113/6 (121b5-122b1), Kathmandu Reel A142/2 (79b10-80a9), Kathmandu Reel D40/6 (76a2-b2).
- 20 Thirty muhūrta (= sixty ghaţikā) constitute one day, and the lengths of a day and a night on the winter solstice day are twelve muhūrta (= twenty-four ghatikā) and eighteen muhūrta (= thirty-six ghaţikā) respectively. The lengths of a day and a night on the summer solstice day are the reverse of them. On the equinox days, the lengths of a day and a night are even, fifteen muhūrta (= thirty ghaţikā) for both. For details, see Yano 1976.
- 21 Ms, Kathmandu Reel B26/23 (= K1) 2a2-a4, Cambridge Add.1704 (= C) 2a4--b2,

Kathmandu Reel A138/10 (= K2) 2b1-b4. (Sanskrit explanations put in non-italic brackets are the Nibandha's interpretations).—— rohitā[= -tāyām] dārako jātah \*saubhāgya-m[= priyadaršitaḥ] īšvaras tathā /" \*krūracittas[= apakāram smarati  $nopak\bar{a}ram$ ] tu \* $mand\bar{a}g\bar{\imath}$ [= $mand\bar{a}nalah$ ] \*vide\$aprabhu nitya\$ah[=viprakr\$yade\$e rājyādirābhībhavati] //iii \*maithunapriya[= suratārthasthānāsthānavicārako na bhavati] \*nityānām prītivākyam tu sarvavit[= aparuṣābhidhāyī sarvatra nityam] /<sup>iii) \*</sup>rohitā devatāpūjā-m[= rohitāyām jāto devatāpūjako bhavati] āyuḥ \*sattaribhis[= saptatibhis] tathā //ivi \*rohitā arthadā tasya prītisarve nivartati[= rohitāyām arthaḥ karāntarādinā dattaḥ prītyāḥ sarvasmān nivartate] /" \*rohitā kṣatam aṅgasya[= rohitājātasyāṅgakṣataṃ bhavati] \*^śriyābhiś ca samāgamam[= parasmāl lakṣmīm ākarṣayati] //vii \*rohitā sthānam āśritya dhanamitrābhivasthitam[= rohitāyām sthānam āśrayed dhanamitrādyavasthito bhavati] /vii) \*rohitā vrajate yānam sarvam cintābhi sidhyate[= rohitāyām kvacid gantavyam, gataś cābhimataṃ sādhayati] /viii) \*vivāhāgnikāryaṃ tu śāntikarma prayujyate[= rohitāyām vivāhahomādikam phaladam bhavati] //ix) — [Note] i) jātaḥ] jātā — K1./jāta—C.K2.: īśvaras ]īśvaram—K1.C. ii)-cittas tu ]citta—C.K2.: mandāgī ] mandāgrī — C.K2..: videša ] videšā — C./ videšā — T.: -prabhu nityašaḥ ] damaged — C./ prabhu nityasa — K2. iii) -vākyam ] vākyān — K1./ vāktan — C./ vāktas — K2./ Followed Nibandha:: sarvavit ] thams cad du — Tib. iv) devatāvpūjām ] devatāpūjyām — K1./ daivatāpūjām — C.K2.: āyuḥ- ] āyu — K1.C./ āya — K2./ Followd the Nibandha. v) rohitā artha-] (damaged)rtha — C. vi) kṣatam aṅgasya ] kṣataṅgaṅgasya — K1.: śriyābhiś ca- ] śriyo viśva — K2. vii) -mitrābhivasthitam ] nityābhivasthitam — K1./ nityābhivasthira — C./ mityābhivasthitam — K2./ Followed the Nibandha. viii) rohitā vrajate ] rohitā varjate — K1./ (damaged)te — C.: yānam ] yānām — C.: sarvam ] sarva — K1.C.K2. ix) vivāhāgnikāryam tu ] vihārāgnikāryan tu — K1./ civāhāgnikāryan tu — C./ vivāgnikāryañ ca — K2.: śānti- ] santi — K1.: prayujyate ] prayuñjate — K1.C.

22 The Catuspīthatantra summarize one's fortune as below. Ms, Kathmandu Reel B26/23 (= K1) 3b6-4a2, Cambridge Add.1704 (= C) 5a2-a4, Kathmandu Reel A138/10 (= K2) 4b5-5a2. (Sanskrit explanations put in non-italic brackets are the Nibandha's interpretations). — \*rohitā devatām pūjya[= rohitāyām jāto bālyataḥ devatāpūjakaḥ] \*mohitā arthalabdavān[= arthalābhī mohitājātah] /<sup>0</sup>

\*bhadraśobhanam  $\bar{a}h\bar{a}ram[=$ bhadrajātah śobhanāhāralābhī  $bahukrodhak\bar{a}[=vr;abhaj\bar{a}to 'ti\acute{s}ayakrodh\bar{\imath}] //^{ii} *k\bar{u}rme cint\bar{a}par\bar{a} khy\bar{a}t\bar{a}[=k\bar{u}-k\bar{u}]$ rmajātaš cintāparah khyāto] \*makaram sakathālāpam[= makare jātah kathālāpī] /iii) \*randā[= randāvām jātah] pāpa[= -pam] samcintya \*mikiram[= mikire jāto]  $maithunar{a}yatah$  // $^{(iv)}$  \* $bhidrikar{a}$  nidram  $ar{a}pnoti[=$   $bhidrikar{a}jar{a}to$   $nidrar{a}lur]$  \* $vyar{a}kular{i}$ nindakas[= vyākulījāto nindābhāṣādiyuktas] tathā /v \*svapnam cintā āpannā[= svapnajātaš cintāsauryādiyuktaḥ] \*kāmānām gītapāṭhakā[= kāmajāto gandharvaḥ ]  $//^{vi}$  — [Note] i) devatām ] devatā — K1./ -labdhavān ] labdhavan — K1./ labdhatata — C./ vān yat — K2. ii) āhāram ] āhāre — K1./ āhāra — C.: vṛṣabham ] vṛṣabha — K1. iii) kūrme ] kūrmai — C./ kūrma — K1.K2.: cintāparā ] cintāpara — K1.C.K2/ Followed *Nibandha*.: sakathālāpam ] sakathālāyam — K1.C./ sakathalāyam — K2. / Followed Nibandha and Tib. iv) randā ] randānām — T.: pāpa samcintya ] pāpasya cintyā — K1./ pāpasya sancimtyā — C.: maithunāyatah] maithunāmyat — K1./ maithunāyata — C./ methunāyakam — K2. v) bhidrikā ] bhidrikām — K2.: nidram āpnoti ] indrim āptoni — K2.: nindakas tathā ] damaged — C. vi) svapne cintā āpannā ] svapnacintām ā-

23 Ms, Culcatta Śāstrī 72 (= C) 27b5--27b7, Tokyo Matsunami 343 (= T) 25b4-b5.

— rohitādivase dārako jātah saubhāgya-m īśvaras tathā krūracitto vidveṣī mandāgnir videśe prabhus tathā maithunapriya[= -yo] madhurālāpī sarvatah /<sup>0</sup> navame divase navame māse navame varṣe yadi cchalo na bhavati, tadā sukhino[= -khī] nityam dhanavān nīrujo jīvati varṣāṇy ekāśīti /<sup>0</sup> bhuvaneśvare mriyate //<sup>0</sup> — [Note] i) krūracitto] kūracittā — C./ krūracitta — T.: -vidveṣī] vidvesi — T.: mandāgnir] mandāgni — C./ māndāgni — T.: madhurālāpī] madhurārāpī — C. ii) navame varṣe] cā navame varṣe — T.: cchalo] Tib. śi chad. The Vivrti comments that this word means "dus ma yin par ḥchi ba" = "akālamṛtyu.": nīrujo] niruja — C.T.: ekāśīti] okāśīti — T. iii) bhuvaneśvare] bhuvaneśvara — C./

panna — K1./ svapnam cittam āpannā — C./ (bluured)ranacintānām — K2.

24 Ms, Kathmandu Reel B113/6 (= A) 120a6-b1, Kathmandu Reel A142/2 (= B) 78b10-b11, Kathmandu Reel D40/6 (= C) 75a3. — navadivase māse ca varşe na mriyate budhah /<sup>0</sup> \*rājyambhara[→rājyadharo] bhavet tasya evam eva na saṃśayah //<sup>0</sup> rohitādivase jātau[→-to] mriyate bhuvaneśvare /<sup>0</sup> [Note] i) -divase ] divasa — A.: varşe na ] varşena — A.C.: mriyate ] mṛte — D. ii)

bhuvaneśvaro — T.

rājyaṃbhara ] rāskambhara — C. iii) -divase ] divasa — A.B.: -jātau ] yātau — A./ krāntau — C.: mriyate ] mṛyate — A.B.: bhuvaneśvare ] bhuvaneśvaram — B.

25 Ms, Kathmandu Reel B26/23 (= K1) 2a4-b1, Cambridge Add.1704 (= C) 2b2-b5, Kathmandu Reel A138/10 (= K2) 2b4-3a3. (Sanskrit explanations put in nonitalic brackets are the Nibandha's interpretations). — \*mohitā arthayogānām ganitena tu jñāyate[= mohitāyām arthasamgrahah, sa ca dvādaśakoṣṭhagaṇayā kartavyah] /\(^\) mohita[= -tayām] dārako jāta āyuh sastipañcabhi[= -bhih] kīrtitam / /ii) bahubhāsī alpacittas tu priyamaithuna[= -no] nityaśah /iii) krūra\* vyasanino[= vyasanī] nityam apriyāny api bhāşate //iv) niḥsatyaḥ krodhāhamkāraḥ pāpakārī durātmakah /\*) sambhinnapārusyālāpas cyutih sastrābhicetanā //v) \*varsāsītica $tv\bar{a}ri\;\bar{a}y\bar{u}n\bar{a}m[=catura\hat{s}\bar{\imath}tivar\\ \bar{s}\bar{a}yus]\;tu\;prak\bar{\imath}rtitam\;/^{\mathrm{vii})}\;^*\!\!mucch\bar{a}jya\;yogabh\bar{u}my\bar{a}di[=catura\hat{s}\bar{\imath}tivar\\ \bar{s}\bar{a}yus]\;tu\;prak\bar{\imath}rtitam\;/^{\mathrm{vii})}\;^*\!\!mucch\bar{a}jya\;yogabh\bar{u}my\bar{a}di[=catura\hat{s}\bar{\imath}tivar\\ \bar{s}\bar{a}yus]\;tu\;prak\bar{\imath}rtitam\;/^{\mathrm{vii})}\;^*\!\!mucch\bar{a}jya\;yogabh\bar{u}my\bar{a}di[=catura\hat{s}\bar{\imath}tivar\\ \bar{s}\bar{a}yus]\;tu\;prak\bar{\imath}rtitam\;/^{\mathrm{vii})}\;^*\!\!mucch\bar{a}jya\;yogabh\bar{u}my\bar{a}di[=catura\hat{s}\bar{\imath}tivar\\ \bar{s}\bar{\imath}tivar\\ \bar{s}\bar{a}yus]\;tu\;prak\bar{\imath}rtitam\;/^{\mathrm{vii})}\;^*\!\!mucch\bar{a}jya\;yogabh\bar{u}my\bar{a}di[=catura\hat{s}\bar{\imath}tivar\\ \bar{s}\bar{\imath}tivar\\ \bar{s}\bar{\imath}tivar$ dasohi ayogabhūmāv asthānaḥ] \*vicchājya yogabhūmya saḥ[= vicchāhi yogabhūmau samsthānah](?) //viii) kṣatam aṅgasya dehānām mṛtyunā tu samāgamam /ix \*yat kimcid artha dātavyam gatasya na nivartate[= ṛṇāni datto 'rthā na nivartate (?)] //x — [Note] i) ganitena ] garnitena — C./ ganitona — K2. ii) jāta ] jātā — K1./ āyuh sastipañcabhi │ āyu şaştipañcābhi — K1./ (damaged)şaştipañcābhi — С./ āyuḥ şaṣṭhīpañcabhi — K2. iii) bahubhāṣī ] bahvāṣī — K1./ bahvāsi — C./ bhabhāṣī — K2:: -cittas ] cittās — K1.K2:: -maithuna ] methuna — C.  $\,$  iv) vyasanino ] vyasanina — K1.: apriyāny api ] apriyānāpi — K1./ apriyān api — C.K2./ Followed Nibandha.: bhāṣate ] bhāṣite — K1./ bhāṣyate — C. v) nihsatyah Inihsatya — K1./ nisyatyam — C./ nisatyam — T.: krodhāhamkārah ] krodhahamkāram — K1./ krodhaha(damaged) — C./ krodhāhamkāram — K2.: durātmakaḥ ] durātmakam — C./ durāsadaḥ — K2. vi) saṃbhinnapāruṣyālāpaš ] sambhinnapārusolāpī — K1./ sambhināyurāsolāpa — C./ sambhinnā pārusālāpa — K2.: cyutih śastrābhicetanā ] cyuti śāstrābhicetanā — K1./ cyuti śastrābhicetanā — C./ mtshon gyis nes par ḥchi bar ḥgyur — Tib. vii) āyūnām ] āyunan — K1./ āyūnā — K2.: prakīrtitam ] prakīrtitā — C. viii) mucchājya yogabhūmyādi ] mucchājya yogyabhūmyādi — K1./ succhāduyogabhūmyādim — C./ utsājya instead of mucchājya — K2./ Followed the Nibandha: vicchājya yogabhūmya saḥ ] vicchāryā yogabhūmya saḥ — K1./ vicchā (damaged)saḥ — C./ vicchārya yogabhūmyagaḥ — K2./ Followed the Nibandha. ix) kṣatam aṅgasya ] kṛtamargasya — K2.: mṛtyunā tu samā-

- Cycle of Time, Calendar, and Fortune-telling in the Catuspūtha and the Cakrasamvara Buddhist literatures gamam ] mṛtyuma tu samāgamyam C. x) kimcid ] kiñci C.: dātavyam ] dātasya K1.C./ dātavya K2.: nivartate ] nivartita C.
- 26 Ms, Culcatta Śāstrī 72 (= C) 29a6-b1, Tokyo Matsunami 343 (= T) 27a3-a5. — mohitāyām dārako jātah, dvitīye divase navame māse navame varse yadi cchalo na bhavati, bahubhāṣī alpacittas tu priyamaithuna[= -no] nityaṣaḥ /ii krūra\* vyasanino∫= vyasanī] nityam //iii) lubdho glāno rosanah, medhāvī jñātipriyah.'iv) nityakrodhādyahamkārah pāpakārī durātmakah / v sambhinnālāpapārusyas ca cyutiḥ śastrābhicetanā //vi) jīvati varṣāṇi catuḥṣaṣṭi /vii) rohitādivase vā kṣatam angasya dehānām mṛtyūnām tu na saṃśayaḥ //viii) — [Note] i) mohitāyām] mohitānān — C./ mohitā — T. ii) bahubhāş $\bar{i}$ ] bahvāš $\bar{i}$  — C./ bahubhāş $\bar{i}$  — T.: [nityaśaḥ] prītiḥ — T. iii) krūravyasanino] (ac) kūrāvyasanano (pc) kūrāvyasanino — C./ kūravyasa — T. iv) lubdho] labdho — T.: roṣaṇaḥ] roṣāṇo — C./ 'roṣaṇa - T. v) nityakrodhādyahamkāraḥ] "ahamkārī" instead of "ahamkārah" — C./ nityah krodhāvi ahamkāra — T.: [pāpakārī] pāpakāri — T. vi) -pāruşyaš] pāruşya $\tilde{n}$  — C.T.: cyuti $\tilde{n}$ ] cyuti — C./ vyati — T.: -cetanā] cetasā — C.T. vii) rohitā-] rohite — T. viii) vā] cā — T.: kṣatam aṅgasya] kṣata avaśasya — C./ kṣatāṃgamya — T.: dehānāṃ] dehināṃ — C.: tu] omits — T.: samśayah] śamśayah — C.
- 27 Ms, Kathmandu Reel B113/6 (= A) 121a3, Kathmandu Reel A142/2 (= B) 79a9-a10, Kathmandu Reel D40/6 (= C) 75b2-b3. tasmin[= mohitāyām] \*dineṣu [→dine su]jātakaḥ //ii dvinavame māse ca varṣe yadi na mriyate /iii sarvahīnamārakaś ca pāpātmā tu durāśayaḥ //iii) rohitādivase mṛtyuś \*caurādiṣu māritam[= caurādinā māritaḥ] /iii [Note] i) dineṣu jātakaḥ ] dine jātakaḥ A. ii) māse ca ] māsa A.B.: -varṣe ] varṣa B. iii) -mārakaś ca ] mārakasva A.B./ nārakaś ca C.: durāśayaḥ ] durāśayam A.B./ durāsayā C. iv) mṛtyuś ] mṛtyu All Mss.
- 28 The Vohitā does not comment on these.
- 29 Ms, Kathmandu Reel B26/23 (= K1) 2b1-b2, Cambridge Add.1704 (= C) 2b5-3a2, Kathmandu Reel A138/10 (= K2) 3a3-a4. (Sanskrit explanations put in non-italic brackets are the Nibandha's interpretations). \*bhadra\$obhanam āhāram[= kṛṣyādika āhāraḥ, sa ca bhadre kāryah] \*bhadrakarmādi kārayet[= \$āntikādikam karma kārayet] /0 bhadradārakajātānām[= -taḥ] \$atavarṣāṇi jīvati //iii daridro dharmacārī tu satyavādī priyam vadet /iii ekapatnī ratā dehavidyāvākyam[=

divyadehavākyo 'sau bhavati] tu \*nāyakaḥ[= niyāmakah] //iv sarvašilpakalābhijāh svajanaprīti[= -tir] nityašah /v \*kuladandena bhuñjīta[= svakulam dandena bhogyatām nayet, athavā kulamāhātmyena bhogam karoti] jaladehacyutis tathā //— [Note] i) āhāram ] āhārām — C./ āhāra — K2.: kārayet ] kāra(damaged) — C. ii) bhadradāraka- ] (damaged)ka — C.: jātānām ] jātānā — K1. iii) daridro ] darīdrā — K1./ daridrā — C.: tu ] omits — C.K2. iv) -patnī ] parnnī — K1./ parnnī — C./ panta — K2.: dehavidyāvākyam ] dehadivyavākyam — Nibandha .: nāyakaḥ ] nāyakā — K1.C.K2. v) -kalābhijñaḥ ] kalābhim jña — K1./ ka(damaged) — C./ kalābhijña — K2.: svajana- ] (damaged)na — C./ svajanaḥ — K2.

- 30 Culcatta Śāstrī 72 (= C) 29a4-a6, Tokyo Matsunami 343 (= T) 27a1-a3. bhadre dārako jātah, pañcame divase navame māse daŝame varșe yadi cchalo na bhavati, daridro dharmacārī tu satyavādī priyamvadah / ekapatnī ratā dehavidyāvākyam[= -kye] tu nāyakah / sarvaŝilpakalābhijňah svajanapriya[= -yo] nityaŝah / kuladandena bhuñjīta / jīvati varṣāṇi šatam / tathā mohe jale cyutih / nānyathā / [Note] i) pañcame] pañcama T.: navame māse daŝame] (ac) navame māse vaṣame (pc) navame māse daṣame C. / omits T. ii) daridro] dāridro C.: dharma-] dhana C. iii) ratā] tadā C. / ratnā T. Followed Tib and the Catuṣpīthatantra: -vidyāvākyam] vidyādeha vidyāvākan C.: nāyakaḥ] nāyakāḥ T. iv) -bhijñaḥ] bhijña T.: -priya] prīti C.: nityaŝaḥ] (ac) natyaŝaḥ (pc) nityaŝaḥ C. v) bhuñjīta] tu bhuñjītu T. vi) varṣāṇi ŝatam] varṣaŝatas C. / varṣāṇi ŝatas T. vii) jale] 'nale T.: [cyutih] cyutir vā C./ cyuti T.
- 31 Ms, Kathmandu Reel B113/6 (= A) 121a2-a3, Kathmandu Reel A142/2 (= B) 79a8-a9, Kathmandu Reel D40/6 (= C) 75b1-b2. —— tasmin[= bhadre] \*dinesu [→dine su]jātakaḥ / pañcanavadaśame tu na mriyate hi jantavaḥ[= -ntuḥ] //<sup>10</sup> daridra[→-dro] dharmasampannaḥ sarvagunasvalamkṛtaḥ /<sup>10</sup> jale ca mohe cyutiś ca //<sup>10</sup> ——[Note] i) -daśame] daśaman A. ii) -guṇa-] gunai C.: -svalaṃkṛtaḥ] svalaṃkṛta A./ svalaṃkṛte B. iii) ca mohe] ce moha B.: cyutiś ca] cyutisva All Mss.
- 32 I followed the *Vohitā*'s interpretation, which coinside with the assertment of the *Vajradākatantra*.
- 33 The Catuspīthatantra, Ms, Kathmandu Reel B26/23 (= K1) 2b2-b4, Cambridge

Add.1704 (= C) 3a2-a4, Kathmandu Reel A138/10 (= K2) 3a4-b1. (Sanskrit explanations put in non-italic brackets are the Nibandha's interpretations). vrşabhe dārako jāto vīryavān balaśatruşu /º śṛṅgāraḥ artha-m aiśvaryaṃ bahupatnīm tu ānayet //iii\*bāndhave bahu sarveṣām[= bāndhavair bahubhiḥ sarvadā yukto bhavati] \*^pitarā āyu hanyate[= jātamātraṃ pitur āyur haranti(→ hanyate)] /<sup>(iii)</sup> \*vāṇijyavṛttikalpasya[= vāṇijyena vṛttiṃ karoti] āyuḥṣaṣṭi tu kalpayet //<sup>(iv)</sup>  $*\bar{a}$ lasyamukharambh $\bar{a}$ s $\bar{i}$ [=  $\bar{a}$ lasyo mukharah] kr $\bar{u}$ rakarmadur $\bar{a}$ tmakah / $^{v}$  \*mrtyuhśastrasya kalyānte athavā viṣaprāṇakaiḥ[= sa śastreṇa śaryaviṣeṇa vā mriyate] /  $/^{vi}$  — [Note] i) vṛṣabhe] vṛṣabham — K1./ vṛṣabha — C.K2.: jāto] jāta — K1.C.K2:: vīryavān ] vīrya — K1./ vīryavā — C.  $\,$  ii) śṛṅgāraḥ ] sṛṅgāra — K1./ sṛṅgārā — C. śṛgāro — K2.: aiśvaryam ] aiśvarya — K1.: -patnīm tu ] parṇṇī tum - C./ patnī tum - K2.  $\,$  iii) bāndhave ] (damaged)vai - C.: bahu ] prabhu -K1.: sarveṣāṃ ] sarveṣā — K2.: pitarā ] pitarām — C.K2. iv) vāṇijya- ] vanija — K1./ vāṇijā — C.K2.: āyuḥ- ] āyu — K1.C.K2./ Followed  $\it Nibandha$ .: -ṣaṣṭi ] ṣaṣṭi m — K2. v) mukharam- ] mukhara — C./ mukhala — K2.: -karma- ] karm $ar{a}$  — K1.K2. vi) mṛtyuḥ śastrasya ] mṛtyuśatrusya — K1./ (damaged)sya — C./ mrtyuśastrasya — T.: -prāṇakaiḥ ] pāṇakaiḥ — K2.

- 34 The Vajradākatantra, Ms, Culcatta Śāstrī 72 (= C) 29a2-a4, Tokyo Matsunami 343 (= T) 26b6-27a1. vṛṣabhe dārako jātaḥ, navame divase dvitīye 'ṣṭame varṣe navame vā yadi cchalo na bhavati, vīryabalaparākramaḥ¹ dyutiśṛngārā[→-ro ']rtha aiśvaryam bahupatnīm tu ānayet /i¹ bāndhave prīti[= -tih] sarveṣām \*pitarāyu[= pitur āyur] hanyate //i³ vāṇijyavrttikalpasya maithunapriyo bhavati /i³ ālasyo mukharambhāṣī krūrakarmadurātmakaḥ //v¹ jīvati varṣāni ṣaṣṭi /v¹ bhadre mrtyuḥ śastrasya kalyānte athavā viṣaprāṇakaiḥ //vii [Note] i) varṣe navame] omits C.: -parākramaḥ] parākrama C. ii) -śṛṅgārārtha] śṛṅgārā T.: aiśvaryaṃ] aiśvarya C.T.: -patnīṃ] panni T.: tu] tum C.T. iii) hanyate] hannyate C. iv) vāṇijya-] vāṇijyā C./ vaṇijā T.: -kalpasya] supplemented by the Catuṣpīṭhatantra. However, Tib of the Vajradākatantra does not suggest this word. v) ālasyo] ālāsyam C./ alasya T.: mukharaṃbhāṣī] mukharabhāṣi T.: krūrakarma-] kūrakarmā C. vi) ṣaṣṭi] ṣaṣṭhi C./ ṣaṣṭhiḥ T. vii) mṛṭyuḥ] mṛṭyu C.T.: ṣaṣṭi] ṣaṣṭiḥ T.: śastrasya] śastra C.: kalyānte] kalyante T.: 'tha vā viṣa-] ardhiṣa T.
- 35 Ms, Kathmandu Reel B113/6 (= A) 121a1-a2, Kathmandu Reel A142/2 (= B)

- 79a7-a8, Kathmandu Reel D40/6 (= C) 75a10-b1. tasmin[= vṛṣabhe] divasa[= -se] jātakaḥ // dvitīyāṣṭanavame tu varṣe na mriyate budhaḥ /º sarvaisvaryasampannas tu \*krūrādi tu [= krūrādi]kudṛṣṭayaḥ //iº bhadre mriyate māritaḥ /'iº [Note] i) dvitīyāṣṭa-] dvitīdṛṣṭa A./ dvitīyāṣṭe B.: -navame] name B.: varṣe na] varṣeṇa All Mss. ii) sarvaisvarya-] sarvasvarya A.B.: saṃpannas] sampannās B.: krūrādi] kurādi A./ kulādi B./ krūrādir C. iii) bhadre] bhadra B.: māritaḥ] mānitas All Mss.
- 36 According to the *Vohitā*, they should be the 2nd or 8th day, and the 2nd or 8th month. The *Vohitā* do not comment anything abouth the 9th year.
- 37 Ms, Kathmandu Reel B26/23 (= K1) 2b4-b5, Cambridge Add.1704 (= C) 3a4-b1. Kathmandu Reel A138/10 (= K2) 3b1-b3. (Sanskrit explanations put in nonitalic brackets are the Nibandha's interpretations). — kūrmāṇām[= -rme] dārako jāto nityam \*citte na vasthitah[= cintāparah, citte vānavasthitah] /" \*svalparoșo[= svalpe 'parādhe roṣaḥ] 'lpatas tuṣṭo bahubhāṣī svajanapriyaḥ //ii) atikrodhī tu \*ugrasya[= utkaṭaḥ] īśvaraḥ sarvadāyakaḥ /iii) \*hanyā parṇikaputrāṇāṃ[= patnī putraś cāhanti] svadeśe prabhu[= -bhur] nityaśaḥ //iv) \*kṛṣikarmāni kalpasya[= krş $ikarm\bar{a}$ ni kalpayet]  $vy\bar{a}dhiku$ şthena grhyate / $^{v)}$  \*varş $\bar{a}$ \$ $\bar{s}$  $ti-m-\bar{a}y\bar{u}$  $n\bar{a}$ m[= a\$ $\bar{s}$ tivarsayuh] svadeše mrtyukas tatha //vii — [Note] i) jāto ] jātā — K1.C./ jāta — K2.: nityam cittena vasthitainityacittena vasthita — K1./ vasthita instead of vasthita $\dot{\rm h}-{\rm C./}$  nityacintena vasthita $\dot{\rm m}-{\rm K2.}$  ii) svalparoso 'lpatas tusto ] svalparosālpato tusta — K1.C./ svalparosālpato tusti — K2.: -priyah ] priyāh — C. iii) atikrodhī tu ugrasya] atikrodhādhi ugrasya — K1./ atikro(damaged) ryasya — C./ atikrodhaudiuyasya — T./ atikrodhī ugrasya — Nibandha.: īśvaraḥ sarvadāyakaḥ] īśvarasarvvadāyaka — K1./ īśvarasarvvadāyakā — C./ iśvarasarvvadāyakā — K2. iv) hanyā ] haṃsā — C.K2./ hanyāt — Nibandha.: putrāṇām ] trāṇām — K2.: svadeše ] sadese — C. v) -karmāṇi ] karmmādi — C.K2.: kalpasya ] kalpasa — K1. vi) āyūnām ] āyūnā — C.: svadeše ] svagrhe — Nibandha.
- 38 Ms, Culcatta Śāstrī 72 (= C) 28b7-29a2, Tokyo Matsunami 343 (= T) 26b4-b6.

   kūrmānām[= -rme] dārako jātah, navame divase dvitīye 'stame navame māse navame varse yadi cchalo na bhavati, nityam cittātmā" saroṣah alpasamtuṣto bahubhāṣī svajanapriyah /" nityam ratiṣīlaṣ ca īṣvarah sarvadāyakah //" \*hanyāt patnīkaputrānām[= hanyante patnīputrāh] laghucitto durāṣayah /" krṣikarmā-

- dikalpasya vyādhikuṣṭhena grhyate // jīvati varṣāṇi catuhṣaṣṭi athavā aśītyāyuh /º vṛṣabhe svadeśe mṛtyukas tathā //º [Note] i) dvitīye 'ṣṭame] dvitīyāṣṭame T.: navame māse] omits T. ii) saroṣaḥ alpasaṃtuṣṭo] suroṣā svalpasaṃtuṣṭa C./ saroṣālpasaṃtuṣṭa T. iii) -śīlaś] śīlañ C./ śīle T.: [īśvaraḥ] īśvara C./ īśvaro T.: [sarvadāyakaḥ] sarvādāyakaḥ C./ sarvadāyakā T. iv) hanyāt] hatnāt C./ haneta T.: [patnīka-] pannika C./ parṇṇika T.: [durāśayaḥ] (ac) duśaśayaḥ (pc) durāśayaḥ C. v) catuḥṣaṣṭi] catuḥṣa (one letter damaged) C./ catuḥṣaṣṭir T.: [aśītyāyuḥ] aśītyāyuṃ C./ aśītiāyūnāṃ T. vi) mṛtyukas] mṛtyukathan C.
- 39 Ms, Kathmandu Reel B113/6 (= A) 120b6-121a1, Kathmandu Reel A142/2 (= B) 79a6-a7, Kathmandu Reel D40/6 (= C) 75a9-a10. jātas \*tasmin[= kūrme] divasake / dve 'stame navame varse mrtyur na bhavate tatah / dv sāmānyasattva[= -ttvo] vijñeyā[= -yo] hīnajyesthas tu jāyate / vrsabhe mrtyuh svagrhe / vrsabhe / vrsabhe / vrsabhe mrtyuh svagrhe / vrsabhe / vrsabhe / vrsabhe
- 40 This is the *Vohitā*'s interpretation, which partly coinside with the *Vajraḍā-katantra*.
- 41 Ms, Kathmandu Reel B26/23 (= K1) 2b6-3a1, Cambridge Add.1704 (= C) 3b1-b3, Kathmandu Reel A138/10 (= K2) 3b3-b5. (Sanskrit explanations put in non-italic brackets are the Nibandha's interpretations). makare dārako jāta \*āyunavatiṣaṣṭhavat[= ṣaḍadhikanavativarṣāyuḥ] /³ puṇyavān šīlasaṃpanno \*viṇayācāra[= indriyajaya + lokavyavahāra]rakṣitam[ → -tah] //³ arthavān rūpasaṃpannaḥ \*saubhāgyayaśa rājate[= saubhāgyayaśobhyāṃ rājate] /³ sarvaśilpakalābhijña \*ekapatnīprabhāsvaraḥ[= ekā patnī śreṣṭhā] //³ kusīdā cintā nityānāṃ[= -tyam] \*bāndhavair ekacchattrikā[= bāndhavaih saha sādhanah] /³ prītivākyeti sarveṣāṃ raṇe mrtyur dhruvaṃ tathā /y³ \*pañcapañcāśam āyūni[= pañcapañcāśadvarṣāyur] athavā ṣaṣṭitriṃśakaiḥ //y³ [Note] i) makare ] makaro K1.C.: jāta ] jātam K2.: -navatiṣaṣṭha-] navatiṣaṣṭi Nibandha. ii) puṇya-] puṇyā K1.: -saṃpanna ] saṃpanna K1.C.: -rakṣitam ] (damaged)m C./ kṣitaṃ K2. iii) -saṃpanna h ] sampanna K1.C.: saubhāgya-] śaubhāgyaṃ K2.: rājate ] rājā te K1. iv) -bhijãa ] bhijñām K1./ bhijñam C.K2.: -patnī-] paṇṇī K1./ paṛṇi C./ patnī K2.: -prabhāsvarah ] prabhāsvara K1./ pratāsanaḥ —

- C.K2. v) cintya nityānām ] citya nityānām C./ nitya cintānām K2.: bāndhavair ekacchattrikā ] bāndhavem ekacchattrikā K1./ bandhavom ekacchatri(damaged) C./ pārtharaim ekacchitrikā K2./ Followed the Nibandha. vi) raṇe ] raṇa K1.C.: mṛtyur] mṛtyu K1.C.K2. vii) āyūni ] āyūnim K1.: ṣaṣṭitriṃśakaiḥ ] ṣaṣṭikaiḥ K1./ śaṣṭitriśakai C./ ṣaṣṭitriśakaiḥ K2.
- 42 Ms, Culcatta Śāstrī 72 (= C) 28b5-b7, Tokyo Matsunami 343 (= T) 26b2-b4. makare dārako jātah, dašame divase trtīye pañcame māse navame varşe yadi cchalo na bhavati, puṇyavān śīlasampanno vinayācārasurakṣito bhavati, arthavān rūpasampannah saubhāgyayašaḥśriyaḥ, bahuputrapautrau, nagaraśreṣtho bhavati, mahābhogamahāparivārasampanno bhavati, sarvašilpakalābhijño bahuśatrukṣa-yamkarah[= kṣayakarah], jīvati varṣāṇi pañcapañcāšam[= -śad] athavā catuhṣaṣti /º kūrme ca raṇe mrtyur dhruvaṃ tathā //º [Note] i) daśame] daśa T.: pañcame] pañcama T.: varṣe] varṣo C.: na bhavati] bhavati na T.: puṇyavān] puṇyam vā T.: śīlasampanno] śīlasampanna C./ śīlasampannam T.: -surakṣito] suśikṣoto T.: arthavān] athavā T.: rūpasampannah] rūpasampanna C./ rūpasampannā T.: -yaśaḥśriyaḥ] yaśaśriyaḥ C./ yaśaḥpriyaḥ T.: -śreṣṭho] sreṣṭho C./ śreṣṭo T.: -parivārasampanno] parivārasampanna C./ parivārā sampanno T.: -kalābhijño] kalābhijña T.: -kṣayaṃkaraḥ] kṣayaṃkarā T. ii) kūrme ca] kurme ca ka T.: mṛtyur] mṛtyu C.T.: dhruvaṃ tathā] dhruvaṃ tathām C./ dhruvas tathā T.
- 43 Ms, Kathmandu Reel B113/6 (= A) 120b6, Kathmandu Reel A142/2 (= B) 79a5-a6, Kathmandu Reel D40/6 (= C) 75a8-a9. jātā[= makare jāto] daśapañcatripañcakaih //dinamāsavarṣeṣu na mriyate saṃkṣepataḥ /\(^{\mathbf{i}}\) sarvaguṇaparipūrno mānḍalikaḥ sa jāyate //\(^{\mathbf{i}}\) kūrme \*mithune[\rightarrow vṛṣe?] mṛtyuś ca /\(^{\mathbf{i}}\) [Note] i) saṃkṣepataḥ ] saṃkepataḥ A. ii) -paripūrṇaṃ ] paripūrṇaṃ A.B./ paripūrṇa C.: māṇḍalikaṃ ] maṇḍalīkaṃ A./ māṇḍalīkaṃ B. iii) kūrme ] kūrma A.B./ kumbha C.: mithune ] mithuna A.B./ methuṇa C.
- 44 The Catuspīthatantra, Ms, Kathmandu Reel B26/23 (= K1) 3a1-a3, Cambridge Add.1704 (= C) 3b3-4a1, Kathmandu Reel A138/10 (= K2) omits. (Sanskrit explanations put in non-italic brackets are the Nibandha's interpretations). randāyām dārako jātah \*^pāpabuddhis[= ānantaryādikaranabuddhis] tu nityasah /³ sambhinnalāpa[=-pah] sattvānām daridro \*nitya cāpalī(?)[= nityam vacasi parah

- $\label{eq:madhurah} $$ madhurah $$ ] /^{\text{iii}}$ rog\bar{\imath}$ ca sarvakāleşu rājadandahatātmakah /^{\text{iii}}$ maithunapriya[=-yo]$ nityānām vi$vāsam na paraih saha //^{\text{iv}}$ saubhāgyah sarvanārīnām vita$ilpādisarvavit /^{\text{v}}$ *pañcapañcā$am āyūni[= pañpapañcā$advarṣāyur]$ athavā $astitrim$akaih //^{\text{vi}}$ [Note] K2 omits whole lines. i) raṇḍāyām ] raṇḍānām K1.C.: jātah ] jāta K1.C.: -buddhis ] buddhin K1.C.ii) -lāpa sattvānām ]lā (damaged)tvānām C.: daridro ] darīdrā K1./ daridrā C.: cāpalī ] caṣpalī K1./ cāṣpalī C./ cappalī Nibandha. iii) -hatātmakah ] tātmanah C.K2. iv) visvāsam ] visvāsa K1.: paraih ] parai K1.v) saubhāgyah ]$
- iv) viśvāsam ] visvāsa K1.: paraih ] parai K1.v) saubhāgyah ] saubhāgyam K1./ saubhāgya C.: sarvanārīṇām ] sa(damaged) C.: viṭa-] damaged C. vi) āyūni ] āyūnām K1.: -triṃśakaih ] triśakaih C.
- 45 The Vajradākatantra, Ms, Culcatta Śāstrī 72 (= C) 28b3-b5, Tokyo Matsunami 343 (= T) 26b1-b2. randāyām dārako jātah, dvitīye daśame vā divase dvitīye 'ṣṭame māse 'ṣṭame varṣe yadi cchalo na bhavati," tadā pāpabuddhiḥ" sambhinnā-lāpa[= -paḥ] sattvānām alpadhane sa capalo vā / iii) rogī sarvakāleṣu rājadaṇḍahatātmakaḥ // iii) saubhāgyah sarvanārīṇām viṭaśilpādisarvavit / iii) pancapancāśadāyūnām[= -yur] athavā ṣaṭtrimśakaih // iii) makare mriyate na saṃśayah // iiii) [Note] ii) raṇḍāyām] raṇḍā T.: dvitīye daśame vā] blurred T.: dvitīye 'ṣṭame māse 'ṣṭame] dvitīyā aṣṭame māse aṣṭame C./ dvitīyāṣṭame T. ii) pāpabuddhiḥ] pāpabuddhi C.T. iii) sattvānām] satvānā T.: alpadhane] alpavacane C.: vā] cā T. iv) sarvakāleṣu] sarvakāleṣṭa C.: -hatātmakaḥ] matātmanaḥ C./ hatātmanaḥ T. v) saubhāgyaḥ] saubhāgya C.T.: viṭa-] viṭṭa C.: sarvavit] sarvavat T. vi) -pañcāśadāyūnām] pañcāsa āyūnām C./ pañcāśāyūnām: athavā] athā C./ avā T.: ṣaṭtriṃśakair makare] ṣaṭtriṃśatikau makarau T. vii) mriyate] (ac) mrayite C.: saṃśayaḥ] saśaya C.
- 46 Ms, Kathmandu Reel B113/6 (= A) 120b5-b6, Kathmandu Reel A142/2 (= B) 79a4-a5, Kathmandu Reel D40/6 (= C) 75a7-a8. ranḍā[= -nḍāyām] jale mriyante[→-te] ca tasmin dine yo jātakaḥ /<sup>□</sup> \*dvā[= dvitīye] dašame 'ṣṭame varṣe ca na mriyate tu buddhimān //<sup>□</sup> pāpakartā \*yoginā[→roginā] ca saubhāgyo naranārīnām /<sup>□</sup> makare tu mriyate ca //<sup>□</sup> [Note] i) ranḍā ] caṇḍā A.B.: jale ] jala All Mss.: dine ] dina A.B.: jātakaḥ ] jātataḥ A. ii) dvā dašame 'ṣṭame ] dvādašam aṣṭama C./ gñis daṅ sgum gyi Tib. iii) nārīṇām ] nārinā C. iv) mriyate ] mryayate A.

- 47 Followed the interpretation of the *Vohitā*. The *tantra*'s literal reading, the 12th and the 8th year, is unlikely.
- 48 The Catuspīthatantra, Ms, Kathmandu Reel B26/23 (= K1) 3a3-a5, Cambridge Add.1704 (= C) 4a1-a3, Kathmandu Reel A138/10 (= K2) 3b5-4a2. (Sanskrit explanations put in non-italic brackets are the Nibandha's interpretations). — mikire dārako jāto dharmajñah svakuloccayah /ii nītišāstrāni/= -streṣu] sampanno  $vidy\bar{a}vividha$ \$ilpakaih // $^{\text{ii}}$ ghorap $\bar{a}$ ru\$ya $v\bar{a}$ ky $\bar{a}$ n $\bar{a}$ m[= -kyah] atikrodhabhay $\bar{a}$ nakah/iii) alpa-arthasvarūpas tu \*laghu sarvasya kāryavān[= śīghram sarvakāryakārī] / /iv) \*sahite jaladehānām mrtyūnām tu[= hasite praksipya jalajadeham mriyate] na samśayah /vi) \*aśītim āyur astasya[= astāśītivarṣāyū] rājaśastracyutis tathā //vi) ——[Note]i) mikire] mikira — K1./ mikira — C.: jāto] jāta — K1.: dharmajñaḥ ]dharmājñā — K1./ dharmajña — C./ dharmajñam —K2.: svakuloccayaḥ ] sukuloccaya — C./ svakuloccaya — K1.K2. ii) -šāstrāņi ] šāstrās tu — K2.: sampannno ] sampanna — K1.C./ sampannam — K2.: -silpakaih ] silpakai — C. iii) -pāruşya- ] pārašu — K1./ parašu — K2.: -bhayānakaḥ ] bhayonaka — C./ bhayānakam — K1.K2. iv) -rūpas ] rūpās — K1.C.K2.: kāryavān ] kāryavat — K2. v) sahite | suhite - K1./ sehite - K2./ sahite - Nibandha./ ran ñid kyis — Tib.: -dehānām ] devānām — C.: mṛtyūnām tu] mṛtyanān tu — C./ blurred — K2. vi) -sastracyutis ] sāstracyutis — K1./ sastrātrbhis — C./ sastratrbhis — K2.
- 49 The Vajradākatantra, Ms, Culcatta Śāstrī 72 (= C) 28b1-b3, Tokyo Matsunami 343 (= T) 26a6-b1. mikire dārako jātah, dvitīye pañcame divase trtīye navame māse navame varṣe yadi cchalo na bhavati, tadā dharmajñah svakuloccayah / nīti\* śāstrāṇi tu[= śāstreṣu] saṃpanno vidyāvividhaśilpakaiḥ // iii) abhimānī śūro dhūrto vā īrṣyāluḥ, alpārthasvarūpas tu, laghuḥ sarvakāryataḥ, sukhino[=-khī] vā, triṣaṣṭi varṣāṇi jīvati / iiii) raṇḍādivase jale dehinām mrtyur na saṃśayaḥ // ivi [Note] i) dharmajñaḥ] dharmajña T.: svakuloccayaḥ] svakulocaya C./ svakuloccaya —T. ii) saṃpanno vidyā-] vidyā —C./ saṃpanna —T.: -śipakaiḥ ] lilpakair C. iii) abhimānī] abhimānīti T.: dhūrto vā] mūrtto T.: īrṣyāluḥ] irṣyāluḥ C./ īrṣyāliḥ T.: -svarūpas] svarūpās C./ surūpas T.: kāryataḥ] kāryata C. iv) jale dehināṃ] cale dehikām C./ 'hīṇāṃ T./ chur Tib: mṛtyur] mṛtyu C.T.: na saṃśayaḥ] nātra saṃśayaḥ T.
- 50 Ms, Kathmandu Reel B113/6 (= A) 120b4-b5, Kathmandu Reel A142/2 (= B)

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures

- 79a3-a4, Kathmandu Reel D40/6 (= C) 75a7. tasmin \*dinajātāyām[→dine jāto yas] tu dvipañcatrinavavarṣake /" evaṃ yadi na mriyate tadā sarvajñatulyakaḥ / /" ranḍā[=-ṇḍāyām] jale mriyante[→-te] ca /" [Note] i) -navavarṣake ] nakarṣake A.B./ navarṣake C./ dguḥi lo na Tib. ii) mriyate ] mryante A.C./ mriyete B.: sarvajña-] sarvājñān A./ sarvājñāyan B./ sarvajñā C. iii) raṇḍā ] caṇḍā A.B.: jale ] jala All Mss.
- 51 The literal reading of the *tantra*'s line, the 2nd, 5th, 3rd or the 9th (or the 2nd, 5th or the 3rd) year, is unlikely. The *Vohitā* comments that the line should be read as the 2nd or 5th day, the 5th or 3rd day, and the 3rd year, which skips the last 9th year. I followed the reading of the *Vajradākatantra*.
- 52 Ms, Kathmandu Reel B26/23 (= K1) 3a5-a6, Cambridge Add.1704 (= C) 4a3-a5, Kathmandu Reel A138/10 (= K2) 4a2-a4. (Sanskrit explanations put in non-italic brackets are the Nibandha's interpretations). — bhidrike dārako jāto \*jāte hanyate mātarā[= jātamātrena mātaram hanti] / \*pitarā[= pitā] hanyate 'ṣṭa varsāni[= astame varse pitaram hanti] \*prabhusvecchāgrhas[= mātāpitrrahitah svagrhe svecchayā prabhus] tathā //iii \*alpadravyasya krodhasya[= alpārthaḥ krodhanah]  $p\bar{a}pakarm\bar{a}di^*\hat{m}\bar{u}rkhavat$ [=  $m\bar{u}rkhah$ ] / iii) \*svayam cittāni karmāni[= svacittena sarvakarma karoti] sauryavān balanāyakaḥ //iv) \*satāni āyur astasya[= aṣṭādhikaśatavarṣāyuḥ] svagrhe mṛtyuko dhruvam /v) svajanaprīti/= -tiḥ] sarvasya hīnadīnānukampakaḥ //iv) — [Note] i) bhidrike dārako jāto ] bhidrikadārakajāta — K1./ bhidrikādārako jāta — C./ "jāta" instead of "jāto." — K2.: jāte ] jāta - K1.C.K2:: hanyate ↑ hanyata - K1./ hatyati - C./ hanyati - K2.: mātarā ↑ mātarām — C. ii) pitarā ] pitara — C.: hanyate 'şṭa ] hanyate aṣṭa — C./ hanyasta — K2.: -svecchāgṛhas ] svecchāgṛhan — K1./ svecchāgṛham — C./ svetsagrhas — K2. iii) -dravyasya krodhasya ] dravyasvarūpā(blurred)s tu — K2. iv) svayam ] svapnā — K1./ svaya — C.K2.: cittāni ] citāni — K2.: sauryavān ] saurya vā - C.: balanāyakaḥ ] balanāyakā - K1./ baladāryakāḥ — C./ balabalaśatruşu — K2. v) āyur aşṭasya ] şaṣṭi āyu syāt — C./ varṣa āyuḥ syāt — K2.: mṛṭyuko dhruvam ] mṛṭyuka dhruvam — K1./ mṛṭyu(damaged) — C./ mrtyukas tathā — K2. vi) svajana- ] svajanā — K1./ damaged — C.: hīnadīnānukampakaḥ" — K1./ hīnā tu kaspakah — C./ hīnadīne 'nukampakah — K2.
- 53 Ms, Culcatta Śāstrī 72 (= C) 28a6-b1, Tokyo Matsunami 343 (= T) 26a5-a6. —

- bhidrike dārako jātaḥ, pañcame divase dvitīye caturthe māse 'sṭame daśame varṣe yadi cchalo na bhavati, tadā hanyate mātā pitā ca, alpadhano bhavati, mūrkhapāpacittadurātmā brahmacārī vyādhitaḥ śūro duhkhitaḥ tṛṣṇālur jīvati varṣāṇi catuhṣaṣṭi / mikire svagṛhe mriyate / ("") [Note] i) bhidrike] bhidri T.: dvitīye] (ac) dvatīye C.: pitā ca] pitā C./ ca T.: -pāpa-] pāpādi T.: vyādhitaḥ] vyādhīna C./ vyādhino T.: duḥkhitaḥ] duḥkhita C./ duḥkhito T.: tṛṣṇālur] tṛṣṇālu C./ tṛṣṇālaḥ T.: varṣāṇi] (ac) varṣāṇa C.: catuḥṣaṣṭi] catuḥṣaṣṭhi C./ catuṣaṣṭi T. ii) svagṛhe] omits T.
- 54 Ms, Kathmandu Reel B113/6 (= A) 120b3-b4, Kathmandu Reel A142/2 (= B) 79a2-a3, Kathmandu Reel D40/6 (= C) 75a6-a7. tasmin[= bhidrau] divase jātakaḥ / pañca dve caturaṣṭame daśavarṣe na mriyate //º tadā sarva\*^padārtheṣu[= kāmārtheṣu] dīno mātā pitā harau /º tapasvivyāmiśrakaś ca mikire svagrhe mrtaḥ //º [Note] i) caturaṣṭame ] cattaraṣṭame A./ gsum gcig gi Tib.: daśa-] daśe C. ii) dīno ] dīna A.B./ dīśam C.: mātā ] jātā A.B.: harau ] bharī A./ daram B.: For this line, de la ḥdod don kun dman shin, pha dan ma ni gsod pa ste Tib. iii) -vyāmiśrakaś ca ] vyāmiśraka ca A./ vyāmiprekaya B.
- 55 I followed the *Vohitā*'s interpretation, which coinsides with the assertment of the *Vajradākatantra*.
- 56 Ms, Kathmandu Reel B26/23 (= K1) 3a6-b3, Cambridge Add.1704 (= C) 4a5-b3, Kathmandu Reel A138/10 (= K2) 4a4-b1. (Sanskrit explanations put in nonitalic brackets are the Nibandha's interpretations). —— \*vyākulī[= vyākulau] dārako jātah kubhāṣī alpabuddhimān / alpaprajñā tu mandāgī alpamitrāṇi nitya-saḥ //iii \*svajanaprītisaubhāgyaḥ[= svajane prītisaubhāgyaṃ] hīnadīnānukampa-kaḥ /iiii īšvaraḥ arthagavāṃ tu \*^tribhih patnīgrhādi vā[= patnītritayaṃ grhe tasya] //ivi kṣaṇakrodhādyahamkāraḥ śatrupīdā bhayānakā /vi dīrghāyuḥ \*pitaraṃ[= pitā] mātā āyuḥsaptatibhis tathā //vii \*vaṇijena tu kalpasya mṛtyuyugalahetunā[= vaṇikkriyā-m eva mṛtyunā saha tasya yugalaṃ bhavati, mṛtyunā yogo bhavati] /vii yogāraṃbhāni cihnāni gaṇitena tu jñāninām //viii —— [Note] i) jātaḥ ] jāta K1.C.K2: kubhāṣī ] abhāṣī K2: -buddhimān ] buddhimāṃ C. ii) mandāgī ] mandrāgī K2: -mitrāṇi nityaṣaḥ ] mitrā(damaged) C:: nityaṣaḥ ] nitya sa K1. iii) saubhāgyaḥ ] saubhāgya K1.C.K2: -nukampakaḥ ] nukampakaṃ K1./ nukampaka C. iv) -gavāṃ tu] gāvās tu K1.C./ rāgās tus K2./

- gāva tu Nibandha.: tribhiḥ ] tribhi C./ tṛbhi K2.: patnī- ] pañcā C./ paṇyā K2. v) -krodhādyahaṃkāraḥ] krodhādhihaṅkāraṃ K1./ krodhādhihaṃkāraṃ C./ krodhād ahaṃkāraṃ K2.: śatru- ] śakra K2.: -pīḍā bhayānakā ] pīḍā bhayānaka K1./ pīḍabhayānakā C./ pīḍabhayānakaṃ K2. vi) dīrghāyuḥ pitaraṃ mātā ] dīrghāyu pitarān mātā K1./ dīrghāyu pitaraṃ mātā C./ dī(blurred)mātām K2.: āyuḥsaptatibhis ] āyuḥsattaribhis K1./ āyuḥsaptabhis C./ āyusaptatibhis K2. vii) kalpasya ] kartavyaṃ C./ kalpa(an unreadable script) K2.: -hetunā ] hetukā K1.K2. viii) yogāraṃbhāni ] yogarambhāni K1./ yomāratāni K2.: jñāninām ] jñāninam C.
- 57 Ms, Culcatta Śāstrī 72 (= C) 28a4-a6, Tokyo Matsunami 343 (= T) 26a2-a5. vyākuli[= -lau] dārako jātah, caturthe ṣaṣṭhe vā navame daṣame vā māse yadi cchalo na bhavati, tadālpaprajño mandabuddhir mandāgnir amitrabahulah, putraṣ cālpam jīvati, bahubhītah pratiduhkhitah paṣcāt samṛddho bhavati, svajanaprīti[= -tiḥ] sarvatra hīnadīnānukampakah / īṣvarah arthagavām ca trīni patnīgrhāni vā // va kṣaṇakrodhādyahamkārah ṣatrupīḍā bhayānakā / va vanijena tu bhoktavyam // jīvati varṣāṇy ekanavati / bhidridivase mriyate // vii [Note] i) vyākuli-] vyākuli C.: caturthe] caturtha T.: navame] nava T.: bhavati] mṛyate T. ii) -prajňo] prajňā T.: mandabuddhir] mandabuddhi C.T.: mandāgnir] mandāgni C.T. iii) putraṣ] putrāṣ T. cālpam] cālpa C.T.: jīvati] jīvatih C. iv) pratiduhkhitaḥ] pratih duḥkhitaḥ T.: paṣcāt] (ac) paṣcāṣcāt T. v) īṣvaraḥ] īṣvara C.T.: -gavāṃ] gāvaň C./ vāṣ T.: vā] cā C. vi) -krodhādyahaṃkāraḥ] krodhātyahaṃkāra C./ krodhādi ahaṃkāra T.: [bhayānakā] bhayānikāḥ C./ bhayānikā T. vii) ekanavati] ekonavati T.
- 58 Ms, Kathmandu Reel B113/6 (= A) 120b2-b3, Kathmandu Reel A142/2 (= B) 79a1-a2, Kathmandu Reel D40/6 (= C) 75a5-a6. tasmin[= vyākulau] dine jātakah //" catuḥṣaṣṭhadaśamāse yadi na mriyate sa ca /" tadālpavibhavam[= -vaḥ] paścāt sa samṛddho bhavanti[= -ti] ca //" bhidridivase mriyante[= -te] /" [Note] i) vyākule ] vyākula A.: śatrotsāditas ] śatronmārītaḥ C.: jātakaḥ ] jātakā A./ jatakā B./ jātakān C. ii) catuḥṣaṣṭhadaśamāse ] cattaḥṣaṣṭhadaśamāse A./ cataḥṣaṣṭhamāse māse B./ catuḥṣaṣṭhaḥ daśe māse C.: sa ca ] sat tataḥ A./ mataḥ C. iii) tadālpa- ] tadānya —

- B./ tatatma C.: sa samrddho ] sa samuddhā A./ asambuddhā B./ sa samūddho C. iv) bhidri- ] bhidvi B.C.
- 59 The *Vohitā* reads that they should be the 4th or 6th day and the 4th or 6th month. It skips the 10th year. I followed the assertment of the *Vajraḍākatantra*, which coinside with the literal reading of the line in the *Qākārnavatantra*.
- 60 The Catuspīthatantra, Ms, Kathmandu Reel B26/23 (= K1) 3b3-b5, Cambridge Add.1704 (= C) 4b3-b5, Kathmandu Reel A138/10 (= K2) 4b1-b3. (Sanskrit explanations put in non-italic brackets are the Nibandha's interpretations). \*svapnānām[= svapne] dārako jātaḥ śūravīryaparākramaḥ /ʰ \*dahyate sarvaśatrūnām[= satravah sarve dahyante tasya] anāthena tu bāndhavah //iii daridro nitya $k\bar{a}l\bar{a}n\bar{a}m[=-lam]$  p $\bar{a}pa^*$  buddhim tu tatparah[=buddhitatparah] /[iii] simhabh $\bar{a}vena$ ātmena paruṣālāpa[= -paḥ] \*sarvavit[= sarvatra] //iv) nīrujah sarvakāleşu bhogalābhas tu nityasaḥ /" sevakena tu bhoktavyaṃ striyām ākramya bhuñjati //" \*varṣapañcāśati-āyus[= pañcāśadvarṣāyus] tasyaiva parikalpitam /vii) śatruśastrena \*hanyasya[= hatasya tasya] mrtyuś cāpi na samśayah //viii) — [Note] i) svapnānām ] svapānām — K2.: dārako ] darako — C.: jātaḥ ] jāta — K1.C.K2.: vīryaparākramaḥ ] vīraprākramaḥ — K1./ "vīra" instead of "vīrya" — K2. ii) dahyate sarvaśatruṇām ] dahyete sarvaśatruṇam — C.: anāthena ] arthena — C.: bāndhavaḥ ] bāndhavām — K1./ bāndavā — C./ bāndhavān — K2.  $\,$  iii) daridro ] darīdrā — K1./ daridrā — C.K2.: -kālānā $\phi$  ] kālānā — C.: -buddhi $\phi$  ] buddhis — K2. Tib. las.: tatparaḥ ] tatparam — C. iv) -bhāvena ] bhāvenam — K1.C.K2.:  $\bar{a}$ tmena ] atmena — K2. v) nīruja $\bar{h}$  ] niruja — C./ niruja $\bar{m}$  — K1.K2.: -lābhas ] lābha — C./ lābham — T.: nityasah ] nityasa — C. vi) bhoktavyam ] bhoktavya — K1.C. vii) varṣa- ] damaged — C.: -pañcāśati-āyus ] "āyu" instead of "āyus" — K1.: "pañcāśate" instead of "pañcāśati" — C./ pañcaśatem āyu āyu — K2.: parikalpitam ] kalpitam — K1./ kalpyate — K2.  $\,$  viii) -sastreṇa ] sāstreņa — K1.: hanyasya ] hansyasyā — K2.: saṃśayaḥ ] sansaya — K1.
- 61 The Vajradākatantra, Ms, Culcatta Śāstrī 72 (= C) 28a2-a4, Tokyo Matsunami 343 (= T) 25b7-26a2. svapnikāyām dārako jātah, catuhpañcadaśame divase tadātyayenāṣṭame māse 'ṣṭame varṣe yadi cchalo na bhavati, tadā guruduḥkhito bhavati, śūravīryaparākramaḥ, \*hanate sarvaśatrūṇām[= hanti sarvaśatrūn], satām prītikaraḥ, anāthena tu bāndhavaḥ, 'pāruṣyālāpa[= -paḥ] sarveṣām pāpa\*-buddhim tu tatparaḥ[= buddhitatparaḥ] /ii) daridraś capalaś cāpi //iii) nīrujah

Cycle of Time, Calendar, and Fortune-telling in the Catuspīṭha and the Cakrasaṃvara Buddhist literatures

- sarvakālesu bhogalābhas tu nityašah /ˈvi sevakena tu bhoktavyam siṃhabhāvena sarvatah //vi jīvati varṣāṇi catuḥṣaṣṭi /vi vyākulau ca śatruśastreṇa mṛtyuś cāpi na saṃśayaḥ //vii [Note] i) svapnikāyāṃ] svapanikāyāṃ T.: divase] vā dinase T.: yadi cchalo na bhavati] tadā cchalo na bhavati C./ yadi cchalo bhavati T.: -duḥkhito] duḥkhino T.: -vīrya-] vīra T.: -śatrūṇām] śatrūṇā T.: satāṃ] śatām C./ śatāṃ T.: prītikaraḥ] prītikara T. ii) pāruṣyā-] pāruṣā C./ pāruṣāṃ T.: -buddhim tu] buddhim T. iii) daridraś capalaś] daridracapalañ C.T. iv) nīrujaḥ] niruja C./ nirujaṃ T.: bhogalābhas] bhojalābhan C./ bhogaṃ lābhan T.: nityaśaḥ] omits T. v) sevakena] seva C.: bhoktavyaṃ] bhovyaktavyaṃ C.: -bhāvena] lābhena C. vi) -ṣaṣṭi] ṣaṣṭhi C./ ṣaṣṭi varṣā T. vii) vyākulau] vyākulī C.: ṛtyuś cāpi] mṛtyañ ca C.: saṃśayaḥ] saṃśaya T.
- 62 Ms, Kathmandu Reel B113/6 (= A) 120b2, Kathmandu Reel A142/2 (= B) 78b11-79a1, Kathmandu Reel D40/6 (= C) 75a4-a5. \*svapana\${→\$svapne or svapni-kāyām] cāra{= samcāra}kāle tu śūravīryaparākramaḥ //" punyapāpena miśrita\$ catuhpañcada\$e 'mṛtaḥ /" vyākule \$atrotsāditaḥ //" [Note] i) cārakāle tu ] cārakāreke —A./ cārakārakareka B./ cārakāre tu C.: śūra-] pūra A.B.: parākramaḥ ] parākrama A. ii) punya-] puna A.C./ punaḥ B./ bsod nams Tib.: miśrita\$ ] miśritta A./ miśrite B./ miśrita C.: 'mṛtaḥ ] mṛtaḥ A.B./ smiteḥ C. iii) vyākule ] vyākula A.: \$atrotsāditaḥ ] \$atronmārītaḥ C.
- 63 I followed the *Vohitā*'s interpretation. Otherwise, since the *tantra* does not refer to the 8th, it may be the 4th, 5th or 10th day only, which is inferred from the line in the *Vajradākatantra*.
- 64 The Catuṣpīṭhatantra, Ms, Kathmandu Reel B26/23 (= K1) 3b5-b6, Cambridge Add.1704 (= C) 4b5-5a2, Kathmandu Reel A138/10 (= K2) 4b3-b5. (Sanskrit explanations put in non-italic brackets are the Nibandha's interpretations). \*kā-mānām[= kāme] dārako jāto varṣaṣaṣṭi-aṣṭāni[= aṣṭaṣaṣṭivarṣāṇi] jīvati /¹¹ dhanavān \*grāmagoṣṭheṣu[= grāmavān gomāmś ca] aśvādīn tu sa vāhayet //¹¹¹ satyavādī tu dharmajñah sarvasattvahitamkarah /¹¹¹¹ vidyāvān priyavādī tu sarva-śāstraviśāradaḥ //¹¹¹ saubhāgyaḥ sarvasattveṣu yogacihnam tu darśayet /²¹ svadeśe mrtyum prāpnoti \*aham[= mama] vākyam na samśayaḥ //²¹ [Note] i) kāmānām ] kāmānā K1./ kāmānam C./ kāmyanā K2.: dārako] kārako

- C.: jāto ] jāta K1.: -ṣaṣṭi-aṣṭāni ] ṣaṣṭyāṣṭāni K2. ii) dhanavān ] dhanavā C./ dhanavām K1.K2.: -goṣṭheṣu ] goṣṭhe C./ bhoṣṭeṣu K2.: aśvādīn ] āśvādīn K1./ asvādī K2. iii) dharmajña C./ dharmajña C./ dharmajña K1.K2.: -sattvahitaṃ K1./ satvāhitaṃ C. iv) vidyāvān ] vidyā C./ vidyavān K2.: -viśāradaḥ ] visārada K1./ viśāradā K2. v) saubhāgyaḥ ] saubhāgya K1.C./ saubhāgyaṃ K2.: yogacihnaṃ ] yogacihnā K1./ yogacihnāṃ C./ yoge cihnan K2. vi) mṛṭyum ] mṛṭyu K1.C. prāpnoti ] āpnoti K2.: vākyaṃ ] vākya K1.C.
- Matsunami 343 (= T) 25b5-b7. bhuvanešvare dārako jātah, astame divase 'stame māse 'stame varṣe yadi cchalo na bhavati, tadā dhanavān aśvavāhakah satyavādī bahumitro brahmacārī dharmajñah paṇḍitaḥ sarvasattvahitamkaraḥ 'silpajñah priyavādī sarvašāstravišāradah / 's saubhāgyah sarvasattveṣu \*aham[= mama] vākyam na samšayaḥ / / jīvati varṣāṇy aṣṭāšīti / v sa ca svapnikāyām mriyate / / v [Note] i) bhuvanešvare] bhuvane ca T.: na bhavati] bhavati na T.: ašva-] aśca T.: satyavādī] satyavādī T.: paṇḍitaḥ] (ac) paṇḍatas C./ pāṇḍataḥ T. ii) śilpajñaḥ] śilpajña C.: priyavādī] priyavādī T. iii) saubhāgyaḥ] saubhāgyaṃ C./ saubhāgya T.: vākyaṃ] vākye T.: saṃśayaḥ] śasayaḥ C. iv) varṣāṇy] varṣāny C.: aṣṭāśīti] aṣṭānavati T. v) svapnikāyāṃ] svapanikāyāṃ T.
- 66 Ms, Kathmandu Reel B113/6 (= A) 120b1-b2, Kathmandu Reel A142/2 (= B) 78b11, Kathmandu Reel D40/6 (= C) 75a3-a4. bhuvane samcārakāle \*jātā[→ jāto ']ṣtadinamāsakaih //" varṣake \*yan[= yadi] na mriyate bodhisattvo na samṣ̃ayah /" [Note] i) bhuvane] bhuvane B./ bhūvana C.: samcārakāle] samcalakāle B./ samcārakāleṣu C.: ṣtadina-] ṣu dina A./ jātā dina B. ii) varṣake] varṣekye A./ log cig na Tib.: yan na] yatma All Mss.: bodhisattvo] taga sarvapādārtheṣu dīnajātā bodhisatva A./ bodhisatva B.C.
- 67 The *tantra* does not refer to the day of the death of proper time. I supplemented referring to the *Vajradākatantra*, which has the same logic concerning the the definition of the day of the death of proper time.

Cycle of Time, Calendar, and Fortune-telling in the Catuspitha and the Cakrasamvara Buddhist literatures

# [Abbreviations and primary sources]

- *Āloka*: The *Catuṣpīṭhāloka* of Kalyāṇavarman, Skt Ms, Kathmandu Reel B30/37. Tib, Ota 2479.
- Brhajjātaka: The Brhajjātaka of Varāhamihira, The Brihajjatakam of Varahamihira (The Sacred Books of the Hindus, V.12), Swami Vijnanananda, alias Hari Prasanna Chatterjee, Panini office, 1912, Allahabad.
- Catuṣpīṭhatantra: The Catuṣpīṭhatantra, Skt Ms, Kathmandu Reel B26/23, Cambridge Add.1704, Kathmandu Reel A138/10. Toh 428, Ota 67.
- *Dākārṇavatantra*: The *Dākārṇavamahāyoginītantrarāja*, Skt Ms, Kathmandu Reel B113/6, Kathmandu Reel A142/2, Kathmandu Reel D40/6. Tib, Toh 372, Ota 19.
- Nibandha: The Catuspīṭhanibandha by Bhava, Skt Ms, Kathmandu Reel B112/4, Tohoku IASWR MBB-I-43. Tib, Ota 2478.
- Vajradākatantra: The Vajradākamahātantrarāja, Skt Ms, Culcatta Śāstrī 72, Tokyo Matsunami 343. Tib, Toh370, Ota18.
- Vivṛti: The Śrīvajraḍākanāmamahātantrarājasya vivṛti by Bhavavajra, Tib, Ota 2131.
- Vohitā: The Śrīḍākārṇavamahāyoginītantrarājasya vohitāṭīkā nāma by Padmavajra, Tib, Toh 1419, Ota 2136.

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