A Translation of the Nepalese Text of the Suśrutasaṃhitā

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Contents

Sūtrasthāna	7
Sūtrasthāna 1: The Origin of Medical Knowledge Literature	9
Translation	9
Sūtrasthāna 2: The Initiation of a Student	17
Literature	17
Translation	17
Sūtrasthāna 13: On Leeches	19
Literature	19
Translation	19
Sūtrasthāna 14: On Blood	27
Previous scholarship	27
Translation	27
Sūtrasthāna 16: Repairing Pierced Ears	35
Previous literature	35
Translation	35
Sūtrasthāna 28: Unfavourable Prognosis in Patients with Sores	45
Literature	45
Translation	45
Nidānasthāna	47
Nidānasthāna 1: The Diagnosis of Diseases Caused by Wind	49
J	

4	Contents
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Literature	49 49
Śārīrasthāna	57
Śārīrasthāna 2: On Semen and Menstrual Fluid Literature Translation	59 59 59
Cikitsāsthāna	61
Cikitsāsthāna 4: On the Treatment of Wind Diseases Literature	63 63
Cikitsāsthāna 5: On the Treatment of Serious Wind Diseases Literature	69 69
Cikitsāsthāna 15: On Difficult Delivery Literature	75 75 75
Kalpasthāna	79
Kalpasthāna 1: Protecting the King from Poison Introduction	81 81 82 82 83
Kalpasthāna 2: Poisonous Plants Introduction	93 93 94 94

Contents 5

The effects of poisons	101
Kalpasthāna 3: Poisonous Insects and Animals	107
Literature	
Translation	
The origin of poison	
Patients beyond help	113
Kalpasthāna 4: Snakes and Invenomation	115
Introduction	115
Literature	
Translation	
[Types of snake]	
Uttaratantra	125
o ttalatalitia	1-5
Uttaratantra 17: Preventing Diseases of the Pupil	127
Uttaratantra 17: Preventing Diseases of the Pupil Literature	127 127
Uttaratantra 17: Preventing Diseases of the Pupil Literature	127 127
Uttaratantra 17: Preventing Diseases of the Pupil Literature	127 127 127
Uttaratantra 17: Preventing Diseases of the Pupil Literature	127 127 127 136
Uttaratantra 17: Preventing Diseases of the Pupil Literature Translation [Complications] [Characteristics of the probe] [Complications]	127 127 127 136 137
Uttaratantra 17: Preventing Diseases of the Pupil Literature Translation [Complications] [Characteristics of the probe] [Complications] Uttaratantra 38: Diseases of the Female Reproductive System	127 127 127 136 137
Uttaratantra 17: Preventing Diseases of the Pupil Literature	127 127 136 137 141
Uttaratantra 17: Preventing Diseases of the Pupil Literature	127 127 136 137 137 141 141
Uttaratantra 17: Preventing Diseases of the Pupil Literature	127 127 136 137 141 141 141
Uttaratantra 17: Preventing Diseases of the Pupil Literature	127 127 136 137 141 141 141 143
Uttaratantra 17: Preventing Diseases of the Pupil Literature	127 127 136 137 141 141 143 144
Uttaratantra 17: Preventing Diseases of the Pupil Literature	127 127 136 137 141 141 144 144 144 144

6	Contents

Uttaratantra 39: On Fevers and their Management [draft]	143
Literature	143
Remarks on the Nepalese version	
Translation	
Uttaratantra 65: Rules of Interpretation	157
Literature	157
Terminology	157
Characteristics of the Manuscript Transmission	
Translation	
Editions and Abbreviations	165
Index of Manuscripts	171
Bibliography	173
Materia Medica Reference Works	199
Materia Medica	203
Glossary	213











Kalpasthāna 4: Snakes and Invenomation

Introduction

The fourth chapter of the Kalpasthāna of the *Suśrutasaṃhitā* addresses the topic of snake bites and snake venom. Unusually for the Nepalese version of the *Suśrutasaṃhitā*, the discussion is framed as a question from Suśruta to the wise Dhanvantari. Suśruta's questions are about the number of snakes, how they are classified, the symptoms of their bites and the pulses or stages of toxic shock experienced by a victim of snakebite and related topics. The taxonomy of snakes is presented in tabular form in Figures 1 and 2.³⁵⁸

Literature

A brief survey of this chapter's contents and a detailed assessment of the existing research on it to 2002 was provided by Meulenbeld.³⁵⁹ There also exists an substantial herpetological literature from colonial India as well as more recent studies of snakes in the context of cultural and religious life.

The ophiological literature of the colonial period began in the late nineteenth century with the work of Fayrer, whose publication included striking colour paintings of snakes.³⁶⁰ Fayrer provided a biological taxonomy

³⁵⁸ On the idea of notational variants in scientific translation, see Elshakry 2008; Sarukkai 2016; Wujastyk 2021*a*: 81–83.

³⁵⁹ HIML: IA, 292–294. In addition to the translations mentioned by Meulenbeld (HIML: IB, 314–315), a translation of this chapter was included in P. V. Sharma 1999–2001: 3, 35–45.

³⁶⁰ Fayrer 1874, first published in 1872.

of snakes as well as chapters on mortality statistics during the nineteenth century, treatment and effects of poison, and experimental data. Ewart (1878) included descriptions of appearance and behaviour of poisonous snakes and sometimes their local names and reproducing Fayrer's illustrations.³⁶¹ Wall (1913:75–124) provided a useful analysis of the medical effects of snake envenomation in India arranged by the varied symptomology of different snakes. He also discussed the difference between the symptoms of toxicity and fright (69–75) and also the difficulties arising out of uncertainty about the effects of snake-bite (124–126). The *Suśrutasaṃ-hitā* too recognized the emotional and somatic effects of fright (see note 373 below). Wall (1921) provided a wealth of detail of the snakes of Sri Lanka, including line drawings.

Doniger (2015) provided a good survey of snakes as protagonists in religious literature from the *Atharvaveda* through the epics, *Purāṇas* and Buddhist literature. Semeka-Pankratov (1979) traced semiotics of the term *nāga* through Vedic, Pali and Sanskrit literature. Slouber (2016: 31–33 *et passim*) discussed the *Suśrutasaṃhitā*'s *Kalpasthāna* as a precursor and influence on later Tantric traditions of snake-bite interpretation and therapy. In particular, the Tantric *Kriyākālaguṇottara* text that Slouber presented divided snakes into two basic categories, divine and mundane, as the *Suśrutasaṃhitā* does.³⁶² But unlike the *Suśrutasaṃhitā*, in the *Kriyākālaguṇottara* the chief taxonomic principle for both groups is the four *varṇas*.

A discussion of this chapter specifically in the light of the Nepalese manuscripts was published by Harimoto.³⁶³ After a close comparative reading of lists of poisonous snakes, Harimoto concluded that, "the Nepalese version is internally consistent while the [vulgate] editions are not." Harimoto showed how the vulgate editions had been adjusted textually to smooth over inconsistencies, and gave insights into these editorial processes.³⁶⁴

³⁶¹ Calling his work a supplement to Fayrer (1874), but also being cited by Fayrer, Ewart 1878 evidently also collected local indigenous knowledge from his "snakeman" (p. 22).

³⁶² Slouber 2016: 144–145.

³⁶³ Harimoto 2011: 101–104.

³⁶⁴ The two editions that Harimoto noted, Su 1938 and Su 1889, present identical texts.

Translation

1 Now we shall explain the procedure (*kalpa*) about what should be known concerning the venom in those who have been bitten by snakes.³⁶⁵

- 3 Suśruta, grasping his feet, questions the wise Dhanvantari, the expert in all the sciences.
- 4 "My Lord, please speak about the number of snakes, and their divisions, the symptoms of someone who has been bitten, and the knowledge about the successive shocks (*vega*) of poisoning".³⁶⁶
- 5 On hearing his query, that distinguished physician spoke. "The venerable snakes such as Vāsukī and Takṣaka are uncountable.
- 6–9ab "They are snake-lords who support the earth, as bright as the ritual fire, ceaselessly roaring, raining and scorching. They hold up the earth, with its oceans, mountains and continents. If they are angered, they can destroy the whole world with a breath and a look. Honour to them. They have no role here in medicine.
 - "The ones that I shall enumerate in due order are those mundane ones with poison in their fangs who bite humans.³⁶⁷
- 9cd–10 "There are eighty kinds of snakes and they are divided in five ways: Darvīkaras, Maṇḍalins, Rājīmats, and Nirviṣas. And Vaikarañjas that are traditionally of three kinds.³⁶⁸
 - "Of those, there are twenty and six hooded snakes, and the same number of Mandalins are known. There are thirteen Rājīmats.³⁶⁹

365 The Sarvāṅgasundarī, commenting on 1.16.17 (Ah 1939: 246), glossed कल्प as प्रयोग.

Or "There are 20 phanins and 6 mandalins. The same number are known. There are 13 Rājīmats." Or even, "there are 20 Phanins and six of them are Mandalins." Are phanins really the same as darvīkaras?

³⁶⁶ The expression "successive shocks" translates वेग, which is other contexts may mean "(natural) urge." Here, it is rather the discrete stages or phases of physiological reaction to envenomation. Cf. the symptoms of cobra poisoning described by Wall (1913: 80).

³⁶⁷ The next few verses are discussed in detail by Harimoto (2011: 101–104), who shows that in the taxonomy of snakes, the Nepalese version of the $Su\acute{s}rutasamhit\bar{a}$ has greater internal coherence than the vulgate recension.

³⁶⁸ Harimoto (2011) translated these names as "hooded," "spotted," "striped," "harmless," and "hybrid." Figure 1 shows the taxonomy described in the vulgate text; Figure 2 shows the different and more logical division of the Nepalese version of the *Suśrutasaṃhitā*.

³⁶⁹ The phrasing of this śloka is awkward.

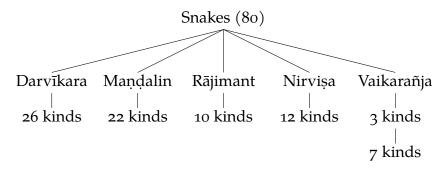


Figure 1: The taxonomy of snakes in the vulgate, 5.4.9–13ab (Su 1938: 571).

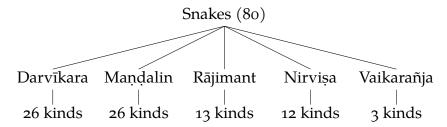


Figure 2: The taxonomy of snakes in the Nepalese version.

- "There are said to be twelve Niriviṣas and, according to tradition, three Vaikarañjas.
- "If they are trodden on, ill-natured or provoked or even just looking for food, those very angry snakes will bite. And that is said to happen in three ways: serpented (*sarpita*), torn (*darita*) and thirdly without venom (*nirviṣa*). Some experts on this want to add "hurt by the snake's body".³⁷⁰
 - "The physician can recognize the following as "ophidian (*sarpita*)": Where a rearing snake makes one, two or more puncture-marks of its teeth, when they are deep and without much blood,³⁷¹ accompanied

³⁷⁰ This might refer to constriction. The phrase reads like a commentarial addition rather than the main text of the *Suśrutasaṃhitā*.

³⁷¹ The word उद्भृत "aroused" was glossed by Dalhaṇa at 5.4.15 (Su 1938: 571) as उन्मोट्य, a word not found as such in standard dictionaries (MW; KEWA; AyMahā; Apte). Semantic considerations suggest that the word is not related to √muṭ "break" or mūta/mūṭa "woven basket." Perhaps it is related to the Tamil போடி (mōṭi,) whose meanings include "arrogance, grandeur, display" (DED₂: #5133) or to faintly-documented forms like moṭyate "is twisted" (CDIAL: #10186). Dalhaṇa's उन्मोट्य may thus mean "twisting up" or "making an arrogant display."

by a little ring of spots (cuñcumālaka), 372 lead to degeneration, and are close together and swollen.

17 Where there are streaks with blood, whether it be blue or white, the grammar physican should recognize that to be "torn (darita)," having a small amount of venom.



- 18 The physician can recognize the locations of the bites of a person in a normal state as being free from poison, when the location is not swollen, and there is little corrupted blood.
- The wind of a timid person who has been touched by a snake can get irritated by fear. It causes swelling.³⁷³ That is "hurt by a snake's body."
- 20 Locations bitten by sick or frightened snakes are known to have little poison. Similarly, a site bitten by very young or old snakes has little poison.
- 21 Poison does not progress in a place frequented by eagles,³⁷⁴ gods, holy sages, spirits, and saints, or in places full of herbs that destroy poison.³⁷⁵

Note that पद "puncture-mark" (more literally, "footprint") is being used in the same sense as in 1.13.19 (Su 1938: 57) when describing the marks on the body where a knife scarifies the skin before leeching. See footnote 48.

- 372 The usual dictionary lexeme is অস্থ্য , not चुञ्च as in the Nepalese witnesses. We translate "spots" following Dalhana and Gayadasa on 5.4.15 (Su 1938: 571), where they described a group of spots or swellings at the site of the bite. On the history of the word मालक, see Kieffer-Pülz 1996.
- 373 Wall (1913: 69) remarked on the difficulty of separating toxicity symptoms from the psychosomatic effects of terror:

The gravity of symptoms due to fright does not appear to me to be sufficiently recognised, though there is no doubt in my mind that fatal cases from this cause are abundant, especially among the timid natives of this country.

Wall went on to give several case studies in which patients experienced syncope or even died as a result of bites from toxicologically harmless creatures.

374 Dalhana on 5.4.21 (Su 1938: 571) identified the सुपर्ण as a गरुड. On the bird called सु-पर्ण, Dave (1985: 72 ff, 514) too noted that it may be a synonym for Garuda, and in some contexts may refer to the Golden Eagle, Golden Oriole, Lammergeyer, etc. Dave (1985: 199 ff, 492) noted again that the Garuda is a mythical bird but may refer to the Himalayan Golden Eagle and other species of eagle. He pointed out that historically, The original physical basis for गरुड as the नागाशी (snake-eater) was most probably the Sea-Eagle who picks up sea-snakes from the sea or sand-beach and devours them on a nearby tree... (Dave 1985: 201).

Dave continued with interesting reference to Śrīharṣa's Nāgānanda.

375 For "spirits" the Nepalese version has भूत while the vulgate reads यक्ष.

[Types of snake]

- 22 Darvīkara snakes are know to have hoods, to move rapidly, and to have rings, ploughs, umbrellas, crosses, and hooks on them.
- Maṇḍalin snakes are known for being large and slow-moving. They are decorated with many kinds of circles. They are like a flaming fire because of their poisons.
- Rājimant snakes are smooth and traditionally said to be, as it were, mottled with multicoloured streaks across and above.

[Classes of snake]

- Snakes that are shine like pearls and silver, and that are amber and that shine like gold, and smell sweet are traditionally thought of as being of the Brāhmana caste.
- 26 Warrior snakes, however, are those that look glossy and get very angry. The have the mark of the sun, the moon, the earth, an umbrella and bitumen.
- 27 Merchant snakes may traditionally be black, shine like diamond or have a red colour or be grey like pigeons.
- Any snakes that are coloured like a buffalo and a tiger, with rough skin and different colours are known as servants.³⁷⁶
- All snakes that are variegated (Rājīmats) move about during the first watch of the night. The rest, on the other hand, the Maṇḍalins and the Darvīkaras, are diurnal.³⁷⁷
- 29 Wind is irritated by all hooded snakes; bile by Maṇḍalins and phlegm by those with many stripes.
- Because of the two classes having greater, lesser or equal class, there is the characteristic of irritating two humours.
 - And he will explain the opposing view that is to be known as a result of the non-union of a male and female.³⁷⁸

 $^{376\} Presumably\ "different"\ from\ the\ earlier-mentioned\ castes.$

The sequence of the following three verses is slightly different from the vulgate (5.4.29-31 (Su 1938:572)).

³⁷⁷ The readings of the vulgate, that Rājīmats are active in the early night, the Maṇḍalins in the later night, and Darvīkaras in the day, seem clearer.

³⁷⁸ The sense of the last phrase here is quite different from the vulgate, which says only that "details" will be explained below.

[Enumeration of snakes]

```
In that context, here are the Darvīkaras.
          The Black snake (kṛṣṇasarpa)
                                              The Great Lotus
                                         15.
                                              (mahāpadma);
          The Big Black (mahākrsna);
                                              The Grass Flower (apuspa);
                                         16.
       2.
           The Black Belly (krsnodara);
                                         17.
                                              The Curd Mouth
       3.
          The All Black (sarvakrsna)
                                              (dadhimukha);
           ;379
                                              The Lotus Mouth
                                         18.
          The White Pigeon
                                              (pundarīkamukha);
           (śvetakapota);<sup>380</sup>
                                              The Brown Hut Mouth
          The Rain Cloud (valāhako);
                                              (babhrūkutīmukha);
       6.
          The Great Snake (mahāsarpa)
                                              The Variegated (vicitra);
                                         20.
                                              The Flower Sprinkle Beauty
                                         21.
       8.
          The Conch Keeper
                                              (puspābhikīrnnābha);
           (śamkhapāla);
                                              The Mountain Snake
                                         22.
          The Red Eye (lohitāksa);
                                              (girisarpa);
          The Gavedhuka (gavedhuka);
                                              The Straight Snake (rjusarpa)
      10.
                                         23.
          The Snake Around
      11.
           (parisarpa);
                                              The White Rip (śvetadara);
                                         24.
          The Break Hood
                                              The Big Head (mahāśīrsa);
      12.
                                         25.
           (khandaphana);
          The Kūkuṭa (kūkuṭa);
                                              The Hungry Sting (alagarda)
                                         26.
          The Lotus (padma);
     Here are the Mandalins
34.2
          The Mirror Ring
                                              (vrddhagonasa);
           (ādarśamandala);
                                          8. The Jackfruit (panasaka);
       2. The White Ring
                                              The Big Jackfruit
                                          9.
           (śvetamandala);
                                              (mahāpanasaka);
                                              The Bamboo Leaf
          The Red Ring (raktamandala)
                                         10.
                                              (venupatraka);
                                              The Kid (śiśuka);
          The Speckled (prsata);
       4.
                                         11.
          The Gift of God (devadinna);
                                              The Intoxicator (madanaka);
                                         12.
       5.
          The Pilindaka (pilindaka);
                                              The Morning Glory
                                         13.
           The Big Cow Snout
                                              (pālindaka);
       7.
  379 Not in vulgate.
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³⁸⁰ The vulgate adds The Big Pigeon (mahākapota).

```
The Stretch (tantuka);
                                          The Khaluşa (khaluşa);
14.
                                     20.
     The Pale as a Flower
                                          The Pigeon (pārāvata);
15.
                                     21.
                                          The Hand Decoration
     (puspapāndu);
                                     22.
    The Six Part (sadanga);
                                          (hastābharanaka);
16.
                                          The Tatra (tatra);<sup>381</sup>
    The Flame (agnika);
17.
                                     23.
     The Brown (babhru);
                                          The Mark (citraka);
18.
                                     24.
                                          The Deer Foot (enīpada) .382
     The Ochre (kaṣāya);
19.
                                     25.
Here are the Rājīmats.<sup>383</sup>
     The Lotus (pundarīka);
                                          The Grass Drier (trnaśosaka);
     The Stripe Speckle (rājicitra);
                                         The White Jaw (svetahanu);
     The Finger Stripe (angulirāji)
                                          The Grass Flower
                                          (darbhapuspa);384
                                          The Red Eye (lohitāksa);385
     The Two Finger Stripe
                                     10.
                                          The Ringed (cakraka);
     (dvyangulirāji);
                                     11.
     The Drop Stripe (bindurāji);
                                          The Worm Eater (kikkisāda);
                                     12.
     The Mud (kardama);
Here are the Nirvisas.
     The Rain Cloud (valāhako)
                                          The Two-day (dvyāhika);
                                          The Milk Flower
     Thei Snake Flag (ahipatāka);
                                          (kṣīrikāpuṣpa);
 2.
                                          The Flower All (puspasakalī)
     The White Leaf (śukapatra);
                                     10.
     The Goat Swallower
     (ajagara);
                                          The Chariot of Light
                                     11.
    The Stimulator (dīpyaka);
                                          (jyotīratha);
     The Ilikinī (ilikinī);
                                          The Little Tree (vṛkṣaka);
 6.
                                     12.
     The Year-Snake (varsāhīka);
```

34.5 The Vaikarañjas originate out of contrary unions amongst the three colours. 387 Thus:



³⁸¹ This seems implausible, but otherwise the list of Mandalins would be short.

³⁸² The list is short by one item. Perhaps the one of the snakes named in the vulgate, *citramaṇḍala, gonasa* or *piṇġala*, should be considered here.

³⁸³ The following list is one item short. The vulgate text, however, has several names that do not appear in the Nepalese Rājīmat list, for example Sarṣapaka and Godhūmaka.

³⁸⁴ Also in the Darvīkara list.

³⁸⁵ Also in the Darvīkara list.

³⁸⁶ Also in the Darvīkara list.

- 1. The Mākuli (*mākuli*);
- 2. The Poṭa Throat (poṭagala);
- 3. The Oil Stripe (snigdharāji);

Amongst those, the Mākuli (*mākuli*); is born when a male Black Snake mates with a female Cow Snout (*gonasa*), or the reverse. The Poṭa Throat (*poṭagala*) is born when a male Rājila mates with a female Cow Snout (*gonasa*) or the reverse. The Oily Stripe (*snigdharāji*) is born when a male Black Snake mates with a female Rājimat, or the reverse. Their poison is like that of their father, because it is the superior one out of the two; but others say it is like the mother. Thus eighty of these snakes have been described.

34

Amongst them, males have large eyes, tongues and heads. Females have small eyes, tongues and heads. Neuters have both characteristics, and are slow to exert themselves or be angry.

36 In that context we shall give general instruction about the signs of having been bitten by any of the snakes.

For what reason?

Because

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38

39

40

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³⁸⁷ The word *varṇa* in this chapter normally means "colour" not "class." ("Class is expressed by "jāti.") While *kṛṣṇasarpa* is clearly a colour-type, it is less obvious that *gonasī* is a special colour, and *rājimat* is a group of snakes.



Editions and Abbreviations

Ah 1939 Kuṃṭe, Aṇṇā Moreśvara, Navare, Kṛṣṇaśāstrī, and

Parādkar, Hariśāstrī (1939) (eds.), श्रीमद्वाग्भटविरचितम् अष्टाङ्गहृदयम्, श्रीमदरुणदत्तविरचितया सर्वाङ्गसुन्दराख्यया व्याख्यया, हेमाद्रिप्रणीतया आयुर्वेदरसायनाह्वया टीकया च समुल्लसितम् = The Astāngahṛidaya (6th edn., Muṃbayyām: Nirṇayasāgara

Press), ark:/13960/t3tt6967d.

Anup Anup Sanskrit Library.

Apte Apte, Vaman Shivaram (1992), The Practical Sanskrit-

English Dictionary (Kyoto: Rinsen Book Company), ISBN: 4-653-00038-7; Reprinted from Gode and Karve 1957–59.

AS Asiatic Society.

As 1980 Āṭhavale, Anaṃta Dāmodara (1980) (ed.), अष्टाङ्गसङ्गृहः

श्रीमद्भृद्धवाग्भटविरचितः इन्दुव्याख्यासिहतः [= Vāgbhaṭa's Āṣṭāṅ-gasaṅgraha with Indu's Commentary] (Puṇe: M. A. Āṭhavale, Śrīmad Ātreya Prakāśanam), ark:/13960/s25bwqsd0n7.

AyMahā Jośī, Veṇīmādhavaśāstrī, and Jośī, Nārāyaṇa Harī (1968),

आयुर्वेदीय महाकोशः अर्थात् आयुर्वेदीय शब्दकोशः संस्कृत–संस्कृत (Muṃbaī: Mahārāṣṭra Rājya Sāhityta āṇi Saṃskṛti

Mamdala), ark:/13960/t22c41g8t.

Bhela 1921 Mookerjee, Ashutosh, and Ananta Krishna Shastri, Ved-

antabisharad (1921) (eds.), *The Bhela Samhita. Sanskrit Text* (Calcutta: University of Calcutta), ark:/13960/t3sv3157j; Based on two copies made of the Thanjavur codex unicus (MS Thanjavur TMSSML 10773, Burnell 1880: 63–4, P. P. S.

Sastri 1933: #11085).

Bhela 2000 Krishnamurthy, K. H. (2000), Bhela-saṃhitā. Text with

English Translation, Commentary and Critical Notes (Haridas Ayurveda Series, 8; Varanasi: Chaukhambha Visvabhar-

ati).

BL British Library.

Ca 1941 Ācārya, Yādavaśarma Trivikrama (1941) (ed.), महर्षिणा पुन-र्वसुनोपदिष्टा, तच्छिष्येणाग्निवेशेन प्रणीता, चरकृदृढ्वलाभ्यां प्रतिसंस्कृता

चरकसंहिता, श्रीचक्रपाणिदत्तविरचितया आयुर्वेददीपिकाव्याख्यया संव-लिता (3rd edn., Mumbayyām: Nirnaya Sagara Press), ark:/

13960/t48q2f20n.

CDIAL Turner, R. L. (1966–85), A Comparative Dictionary of the Indo-

Aryan Languages (London, New York, Toronto: Oxford University Press), ISBN: 0197135501, URL; With *Indexes* compiled by Dorothy Rivers Turner (OUP, London, 1969), *Phonetic Analysis* by R. L. and D. R. Turner (OUP, London, 1971), and *Addenda and Corrigenda* edited by J. C. Wright (School

of Oriental and African Studies, London, 1985).

DED₂ Burrow, Thomas, and Emeneau, Murray B. (1984), A

Dravidian Etymological Dictionary (2nd edn., Oxford:

Clarendon Press), ark:/13960/t4wj06g26, URL.

EWA Mayrhofer, Manfred (1986–2001), Etymologisches Wör-

terbuch des Altindoarischen (Heidelberg: Carl Winter,

Universitätsverlag), ISBN: 3-533-03826-2.

Garuḍapurāṇa Pāṇḍeya, Rāmateja (1963) (ed.), श्रीकृष्णद्वैपायनव्यासप्रणीतं

गरुडपुराणम् (Vidyabhawan Prachyavidya Granthamala, 3; reprint, Caukhambā Vidyābhavana, Paṇḍita-Pustakālaya:

Kāśī), ark:/13960/t6pz7tg7j.

HIML Meulenbeld, Gerrit Jan (1999–2002), A History of Indian

Medical Literature, 5 vols. (Groningen: E. Forsten), ISBN:

9069801248.

IOLR Eggeling, Julius, et al. (1887–1935), Catalogue of the Sanskrit

Manuscripts in the Library of the India Office (London: Secret-

ary of State for India), ark:/13960/s2kbk5zcrg9.

KEWA

Mayrhofer, Manfred (1953–72), Kurzgefaßtes etymologisches Wörterbuch des Altindoarischen; a Concise Etymological Sanskrit Dictionary (Heidelberg: Carl Winter, Universitätsverlag).

KL

Kaiser Library.

Mānasollāsa

Shrigondekar, Gajanan K. (1925–61) (ed.), मानसोल्लासः = Mānasollāsa [or Abhilasitārthacintāmani] of King Someśvara (Gaekwad's Oriental Series; Baroda: Oriental Institute), ark:/13960/t87h8tn95; v. 2: ark:/13960/t3gz41v8m.

 MN_1

Ācārva, Yādavaśarma Trivikrama (1920) (ed.), महामति-श्रीमाधवकरप्रणीतं माधवनिदानम् श्रीविजयरक्षित-श्रीकण्थदत्ताभ्यां विरचितया मधुकोशाख्यव्याख्यया, श्रीवाचस्पतिवैद्यविरचितया आत-ङ्रदर्पणव्याख्याया विशिष्टांशेन च समुल्लसितम् = Mādhavanidāna by Mādhavakara with the Two Commentaries, Madhukosha by Vijayarakshita & Shrīkanthadatta and Atankadarpana by Vāchaspati Vaidya (1st edn., Bombay: Nirnaya Sagara Press), ark:/13960/t9z08jn5j.

 MN_3

Ācārya, Yādavaśarma Trivikrama (1932) (ed.), महामति-श्रीमाधवकरप्रणीतं माधवनिदानम् श्रीविजयरक्षित-श्रीकण्थदत्ताभ्यां विरचितया मधुकोशाख्यव्याख्यया, श्रीवाचस्पतिवैद्यविरचितया आत-ङ्कदर्पणव्याख्याया विशिष्टांशेन च समुल्लसितम् = Mādhavanidāna by Mādhavakara with the Two Commentaries, Madhukosha by Vijayarakshita & Shrīkanthadatta and Ātankadarpaṇa by Vāchaspati Vaidya (3rd edn., Bombay: Nirnaya Sagara Press), ark: / 13960 / t66452x0h; Reprinted Varanasi: Chowkhambha, 1986.

MW

Monier-Williams, Monier, Leumann, E., Cappeller, C., et al. (1899), A Sanskrit-English Dictionary Etymologically and Philologically Arranged, New Edition (Oxford: Clarendon Press); 1970 reprint.

NAK

National Archives of Kathmandu.

NCC

Raghavan, V., et al. (1949–), New Catalogus Catalogorum, an Alphabetical Register of Sanskrit and Allied Works and Authors,

39 vols. (Madras University Sanskrit Series; Madras: University of Madras); v.1: revised edition, 1968. Searchable at https://vmlt.in/ncc/.

NGMCP

NGMCP (2014), "Nepal-german Manuscript Cataloguing Project. Online Title List and Descriptive Catalogue," Universität Hamburg and Deutsche Forschungsgemeinschaft, URL.

PW

Böhtlingk, Otto, and Roth, Rudolph (1855–75), *Sanskrit-Wörterbuch* (St. Petersburg: Kaiserlichen Akademie der Wissenschaften), URL, accessed 18/05/2023.

PWK

Böhtlingk, Otto (1879), Sanskrit-wörterbuch in kürzerer fassung (St. Petersburg: Kaiserlichen Akademie der Wissenschaften), URL, accessed 18/05/2023.

RORI

Rajasthan Oriental Research Institute.

Su 1889

Bhaṭṭācāryya, Jīvānanda Vidyāsāgara (1889) (ed.), सुश्रुतः. सूत्र-निदान-शारीर-चिकित्सा-कल्पोत्तर-तन्त्र-कल्पित आयुर्वेद. भगवता धन्वन्तरिणोपदिष्टः सुश्रुतनामधेयेन तच्छिष्येण विरचितः (3rd edn., Calcutta: Saratī Press), ark:/13960/t1nh6j09c; HIML:IB, 311, edition b.

Su 1915

Ācārya, Yādavaśarma Trivikrama (1915) (ed.), सुश्रुतसंहिता, सुश्रुतेन विरचिता, वैद्यवरश्रीडल्हणाचार्यविरचितया निबन्धसंग्रहाख्य-व्याख्यया समुल्लसिता, आचार्योपाह्वेन त्रिविक्रमात्मजेन यादवशर्मणा संशोधिता = The Sushrutasamhita of Sushruta, the Nibandhasangraha Commentary of Shri Dalhaṇāchārya (Mumbayyāṃ: Nirṇayasāgaramudrāyantrālaye), ark:/13960/t3sv0mt50, accessed 29/07/2020; HIML: IB, 312 edition *v.

Su 1931

Ācārya, Yādavaśarma Trivikrama (1931) (ed.), सृश्रुत-संहिता, वैद्यवरश्रीडल्हणाचार्यविरचितया निबन्धसंग्रहाख्यव्याख्यया समुष्ठसिता, महर्षिणा सृश्रुतेन विरचिता, सूत्र-निदान-शारीर-चिकित्सा-कल्पस्थानोत्तरतन्त्रात्मकः. आचार्योपाह्वेन त्रिविक्रमात्मजेन यादवशर्मणा संशोधिता = The Sushrutasaṃhitā of Sushruta with the Nibandhasangraha Commentary of Shree Dalhaṇāchārya (2nd edn., Mumbayyāṃ: Pāṇḍuraṅga Jāvajī at the Nirṇayasāgaramudrāyantrālaye), ark :/ 13960 / t9j41sg94, accessed 09/06/2020; HIML: IB, 312 edition *v. Su 1938

Ācārya, Yādavaśarma Trivikrama, and Ācārya, Nārāyaṇa Rāma (1938) (eds.), श्रीडल्हणाचार्यविरचितया निबन्धसंग्रहा-ख्यव्याख्यया निदानस्थानस्य श्रीगयदासाचार्यविरचितया न्यायचन्द्रि-काख्यपञ्जिकाव्याख्यया च समुल्लसिता महर्षिणा सुश्रुतेन विरचिता सुश्रुतसंहिता (3rd edn., Bombay: Nirṇayasāgara Press), ark:/13960/t09x0sk1h; HIML:IB, 313, edition cc ('the vulgate').

Su 1938²

Ācārya, Yādavaśarma Trivikrama, and Ācārya, Nārāyaṇa Rāma (2004) (eds.), महर्षिणा सुश्रुतेन विरचिता सुश्रुतसंहिता, श्री-डल्हणाचार्यविरचितया निबन्धसंग्रहाख्यव्याख्यया निदानस्थानस्य श्रीग-यदासाचार्यविरचितया न्यायचन्द्रिकाख्यपञ्जिकाव्याख्यया च समुल्लसिता (Vārāṇasī: Caukhambhā Kṛṣṇadāsa Akādamī); Reprint of the third, 1938 edition (Su 1938).

Su 1939

Ācārya, Yādavaśarma Trivikrama, and Śarman, Nandakiśora (1939) (eds.), सुश्रुतसंहितायाः सूत्रस्थानम्. श्रीचक्रपाणिदत्तविरचि-तया भानुमतीव्याख्याया समेतम् = Sushrut-sañhitā (sūtra Sthān) with Bhānumatī Commentary by Chakrapāṇi Datta with Introduction by Gaṇanāth Sen (Śrīsvāmi Lakṣmīrāma Nidhi Granthamālā = Shrī Swāmī Lakshmī Rām Trust Series, 1; [Jaipur]: Śyāmasundara Śarman), ark:/13960/t54g0d12m; Printed at the Nirṇayasāgara Press, Bombay.

Su 1945

Ācārya, Yādavaśarma Trivikramācārya, and Ācārya, Nārāyaṇa Rāma (1945) (eds.), महर्षिणा सुश्रुतेन विरचिता सुश्रुतसंहिता (मूलमात्रा). पाठान्तर-परिशिष्टादिभिः संवलिता = the Suśrutasaṃhitā of Suśruta with Various Readings, Notes and Appendix etc. (Mumbāi: Nirṇayasāgarākhyamudraṇālaye), ark:/13960/t8kd4jh7n.

TMSSML

Tanjore Maharaja Serfoji Saraswati Mahal Library.

Visnudh.

Śarman, Madhusūdana, and Śarman, Mādhavaprasāda (1912) (eds.), विष्णुधर्मोत्तरपुराणम् = [Viṣṇudharmottara-purāṇa] (Mumbai: Khemarāja Śrīkṛṣṇadāsa at the Śrīveṅkaṭeśvara Steam Press), ark:/13960/t6qz6fr23; Lithograph format. Edited on the basis of a manuscript belonging to the astrologer Śudhākaraśarman of the Varanasi Sanskrit Pāṭhaśālā.

Index of Manuscripts

Numbers after the final colon refer to pages in this book.

Thanjavur TMSSML 10773: 165

- Ācārya, Yādavaśarma Trivikrama (1941) (ed.), महर्षिणा पुनर्वसुनोपदिष्टा, तच्छि-ष्येणाग्निवेशेन प्रणीता, चरकदृढबलाभ्यां प्रतिसंस्कृता चरकसंहिता, श्रीचक्रपाणिदत्तवि-रचितया आयुर्वेददीपिकाव्याख्यया संवलिता (3rd edn., Mumbayyāṃ: Nirnaya Sagara Press), ark:/13960/t48q2f20n.
- Ācārya, Yādavaśarma Trivikramācārya, and Ācārya, Nārāyaṇa Rāma (1945) (eds.), महर्षिणा सुश्रुतेन विरचिता सुश्रुतसंहिता (मूलमात्रा). पाठान्तर-परिशिष्टादिभिः संवलिता = the Suśrutasaṃhitā of Suśruta with Various Readings, Notes and Appendix etc. (Mumbāi: Nirṇayasāgarākhyamudraṇālaye), ark:/13960/t8kd4jh7n.
- Acharya, Diwakar (2012), "Description of Microfilm A 45/5," NGMCP, URL, accessed 27/02/2023.
- Adriaensen, Rob, Barkhuis, Roelf, and Ruijters, Jean-Louis (1984), "An English Translation of Suśrutasaṃhitā, Nidānasthāna 1, 1–39, Together with Gayadāsa's Nyāyacandrikā," in Gerrit Jan Meulenbeld (ed.), Proceedings of the International Workshop on Priorities in the Study of Indian Medicine (Groningen: Forsten), 277–310. DOI: 10.5281/zenodo.8201537.
- Āgāśe, Ve. Śā. Rā. Rā. Kāśīnātha Śāstrī, and Āpaṭe, Hari Nārāyaṇa (1904) (eds.), वाचस्पतिमिश्रविरचितटीकासंविष्ठतव्यासभाष्यसमेतानि पातञ्जल-योगसूत्राणि तथा भोजदेवविरचितराजमार्तण्डाभिधवृत्तिसमेतानि पातञ्जलयोगसूत्राणि (Ānandāśramasaṃskṛtagranthāvaliḥ, 47; Puṇyākhya-pattana: Ānandāśramamudraṇālaya), ark:/13960/t40s27g36.
- Agrawal, V. S. (1963), *India As Known to Pāṇini: A Study of the Cultural Material in the Aṣṭādhyāyī* (2nd edn., Varanasi: Prthvi Prakashan); First published in 1953.

Angermeier, Vitus (2020), Regenzeiten, Feuchtgebiete, Körpersäfte. Das Wasser in der klassischen indischen Medizin (Wien: Österreichische Akademie der Wissenschaften).

- ——(2021), "Agni and Soma Revisited: A Primordial Āyurvedic Concept?," in Toke Lindegaard Knudsen, Jacob Schmidt-Madsen, and Sara Speyer (eds.), *Body and Cosmos* (Leiden: Brill), chap. 3, 15–32. DOI: 10.1163/9789004438224_004.
- Azeez Pasha, M. (1971), "English Translation of Madan-ul-Shifa, Tibbe Sikandar Shahi (Sikandar Shah's Mine of Medicine)," Bulletin of the Department of History of Medicine (Osmania University, Hyderabad), 2/4: 227–2324; continued in BDHM 3(1) 29–38; BIHM 1(3/4) 127–134; & BIHM 2(1), 17–22.
- Baber, Zaheer (1996), *The Science of Empire: Scientific Knowledge, Civilization, and Colonial Rule in India* (Albany: State University of New York Press).
- Bakker, Hans T. (2019), "Some Methodological Considerations with Respect to the Critical Edition of Puranic Literature," in *Holy Ground: Where Art and Text Meet* (Leiden: Brill), 175–84. DOI: 10.1163/9789004412071_010.
- Barceloux, Donald G. (2008), *Medical Toxicology of Natural Substances. Foods, Fungi, Medicinal Herbs, Plants, and Venomous Animals* (Hoboken, NJ, etc.: John Wiley & Sons), ISBN: 047172761X.
- Bausi, Alessandro, et al. (2015), *Comparative Oriental Manuscript Studies. An Introduction* (Hamburg: Tredition). DOI: 10.5281/ZENODO.46784.
- Bedekar, V. M. (1967), "The Legend of the Churning of the Ocean in the Epics and the Purāṇas: A Comparative Study," *Purāṇa*, 9/1: 7–61, ark:/13960/t57d2r97r.
- Bendall, Cecil (1883), Catalogue of the Buddhist Sanskrit, Manuscripts in The, University Library, Cambridge: With Introductory Notices and Illustrations of the Palaeography and Chronology of Nepal and Bengal (Cambridge: University Press), ark:/13960/t03x8vz7b.
- Bhaṭṭācārya, Candrakānta (1910–17) (ed.), सुश्रुतसंहिता प्रथमखण्डम् सूत्रस्थानात्मकम् हाराणचन्द्रचक्रवर्तिकविराजविरचितसुश्रुतार्थसन्दीपनभाष्य-समेतम्...चन्द्रकान्त भट्टाचार्थ्य-प्रमुखैः संशोधितम् = [The Suśrutasaṃhitā with the Commentary Suśrutārthasandīpanabhāṣya by Hārāṇacandra Cakravarti] (Kalikātā: Satya Press); Edition "t" in HIML: IB, 312.

Bhattarai, Bidur (2020), Dividing Texts. Conventions of Visual Text-Organisation in Nepalese and North Indian Manuscripts (Studies in Manuscript Cultures; Berlin/Boston: de Gruyter), 388.

- Biardeau, Madeleine (1964), *Théorie de la connaissance et la philosophie de la parole dans la brahmanisme classique* (Paris & La Haye: Mouton & Co.), ark:/13960/t42r7g950.
- Birch, Jason, Wujastyk, Dominik, Klebanov, Andrey, Parameswaran, Madhu K., et al. (2021), "Further Insight into the Role of Dhanvantari, the Physician to the Gods, in the Suśrutasaṃhitā," *Academia Letters*. DOI: 10.20935/AL2992.
- Birch, Jason, Wujastyk, Dominik, Klebanov, Andrey, Rimal, Madhusudan, et al. (2021), "Dalhaṇa and the Early 'Nepalese' Version of the Suśrutasaṃhitā." doi: 10.20935/al3733.
- Böhtlingk, Otto (1879), Sanskrit-wörterbuch in kürzerer fassung (St. Petersburg: Kaiserlichen Akademie der Wissenschaften), URL, accessed 18/05/2023.
- Böhtlingk, Otto, and Roth, Rudolph (1855–75), Sanskrit-Wörterbuch (St. Petersburg: Kaiserlichen Akademie der Wissenschaften), URL, accessed 18/05/2023.
- Bollée, Willem (2010), "Remarks on the Cultural History of the Ear in India," in Nalini Balbir (ed.), *Svasti: Essays in Honour of Professor Hampa Nagarajaiah for His 75th Birthday* (Bangalore: K. S. Mudappa Smaraka Trust), 141–67, URL, accessed 23/01/2022.
- Breton, P. (1826), "On the Native Mode of Couching," *Transactions of the Medical and Physical Society of Calcutta*, 2: 341–82, ark:/13960/t3dz8nn5t, URL, accessed 02/06/2021.
- Bronkhorst, Johannes (2016), *How the Brahmins Won: From Alexander to the Guptas* (Leiden: Brill). DOI: 10.1163/9789004315518.
- —— (2021), "Patañjali's Āryāvarta = Śuṅga realm?," *Academia Letters*. DOI: 10.20935/al291; Article 291.
- Bronner, Yigal (2021) (ed.), "The Pandit Project" (30 Sept.), URL.
- Brooks, Lisa Allette (2018), "Epistemology and Embodiment: Diagnosis and the Senses in Classical Ayurvedic Medicine," *Asian Review of World Histories*, 6: 98–135. DOI: 10.1163/22879811–12340027.

Brooks, Lisa Allette (2020*a*), "A Surgeon's Hand: Reflections on Surgical Tactility in Early Ayurveda," *Asian Medicine*, 15/1: 30–62. DOI: 10.1163/15734218-12341460.

- ——(2020*b*), "Whose Life is Water, Whose Food is Blood: Fluid Bodies in Āyurvedic Leech Therapy," in Natalie Köhle and Shigehisa Kuriyama (eds.), Fluid Matter(s): Flow and Transformation in the History of the Body (Asian Studies Monograph Series, 14; Canberra: ANU Press). DOI: 10.22459/fm.2020.
- ——(2021*a*), "The Vascularity of Ayurvedic Leech Therapy: Sensory Translations and Emergent Agencies in Interspecies Medicine," *Medical Anthropology Quarterly*, 35/1: 82–101. DOI: 10.1111/maq.12595.
- ——(2021*b*), "Translating Touch in Āyurveda: Medicine, Sense, and Subjectivity in Early south Asia and Contemporary Kerala," PhD thesis (University of California, Berkeley).
- ——(forthcoming), "Leech Logic," in An Editor (ed.), A Book.
- Burghart, Marjorie (2016), "The TEI Critical Apparatus Toolbox: Empowering Textual Scholars through Display, Control, and Comparison Features," *Journal of the Text Encoding Initiative*, 10/Issue 10. DOI: 10.4000/jtei.1520.
- ——(2017), "Textual Variants," in Marjorie Burghart, James Cummings, and Elena Pierazzo (eds.), *Digital Editing of Medieval Texts: A Textbook* (DEMM), URL, accessed 04/07/2021.
- Burnell, Arthur Coke (1880), *A Classified Index to the Sanskrit Mss. in the Palace at Tanjore* (London: Trübner), ark:/13960/t4xh86j61; Bhelasaṃhitā described on pp. 67 ff.
- Carpue, J. C. (1816), An Account of Two Successful Operations for Restoring a Lost Nose from the Integuements of the Forehead...Including Descriptions of the Indian and Italian Methods (London: Longman et al.), ark:/13960/t2q57fn42, accessed 20/03/2019.
- Chadha, Gita, and Thomas, Renny (2022) (eds.), *Mapping Scientific Method: Disciplinary Narrations* (Science and Technology Studies; Abingdon and New York: Routledge). DOI: 10.4324/9781003298908.
- Cone, Margaret (2001), *A Dictionary of Pāli* (Oxford: The Pali Text Society), ISBN: 0 86013 394 x.

Cordier, P. (1903), "Récentes découvertes de mss. médicaux sanscrits dans l'Inde (1898–1902)," *Muséon, Nouvelle Série*, 4: 321–52, ark:/13960/t26b2j457, accessed 02/01/2020; Reprinted in Roşu 1989: 539–70.

- Coult, Ro. (1731), "An Account of the Diseases of Bengall," in *Indian Science* and *Technology in the Eighteenth Century* (Impex India), 141 f., 276.
- Crawford, D. G. (1930), *Roll of the Indian Medical Service*, 1615–1930 (London, Calcutta, Simla: Thacker).
- Das, Rahul Peter (2003), The Origin of the Life of a Human Being. Conception and the Female According to Ancient Indian Medical and Sexological Literature (Indian Medical Tradition; Delhi: Motilal Banarsidas), ISBN: 81-208-1998-5.
- Dasgupta, S.. N. (1952), "Speculations in the Medical Schools," in *A History of Indian Philosophy*, ii (Reprint of 1932 edition, Cambridge: Cambridge University Press), chap. 13, 273–436, URL, accessed 26/01/2018.
- Dave, K. N. (1985), *Birds in Sanskrit Literature* (Delhi: Motilal Banarsidass), ISBN: 0-89581-676-8, ark:/13960/t2c94cv80.
- Deshpande, Madhav (1988), "Pāṇini and the Northwestern Dialect: Some Suggestions on Sūtra 3.3.10," in Mohammad Ali Jazayery and Werner Winter (eds.), *Languages and Cultures: Studies in Honor of Edgar C. Polomé*, xxxvi (Trends in linguistics. Studies and monographs; Berlin, New York: Mouton de Gruyter), 111–23.
- Deshpande, Madhav M. (2010), "Pañca Gauḍa and Pañca Drāviḍa: Contested Borders of a Traditonal Classification," in Klaus Karttunen (ed.), Anantaṃ Śāstram. Indological and Linguistic Studies in Honour of Bertil Tikkanen (Studia Orientalia, 108; Helsinki: Finnish Oriental Society), 29–58, ISBN: 9789519380742.
- Deshpande, Vijaya (1999), "Indian Influences on Early Chinese Ophthalmology: Glaucoma As a Case Study," *Bulletin of the School of Oriental and African Studies*, 62: 306–22. DOI: 10.1017/S0041977X00016724.
- —— (2000), "Ophthalmic Surgery: A Chapter in the History of Sino-indian Medical Contacts," *Bulletin of the School of Oriental and African Studies*, 63/3: 370–88, ISSN: 0041-977X. DOI: 10.1017/s0041977x00008454.
- Deshpande, Vijaya Jayant (2019), "An Investigation into Ancient Greco-Indian Medical Exchanges: Sostratus vs Suśruta," *Indian Journal of History of Science*, 54/2: 144–61. DOI: 10.16943/ijhs/2019/v54i2/49659.

Dimitrov, Dragomir, and Tamot, Kashinath (2007), "Kaiser Shamsher, His Library and His Manuscript Collection," *Kaiser Shamsher, His Library and His Manuscript Collection*, 3 (Jan.): 26–36, URL.

- Dixit, U., and Deole, Y. S. (2020), "Tantrayukti," in Basisht G. (ed.), *Charak Samhita New Edition* (Charak Samhita Research, Training and Skill Development Centre (CSRTSDC)), 151–1. DOI: 10.47468/csne.2020.e01.s09.022.
- Doniger, Wendy (2015), "Introduction: Sympathy for the Devi: Snakes and Snake Goddesses in Hinduism," in Kaiser Haq, *The Triumph of the Snake Goddess* (Cambridge, MA: Harvard University Press), 1–28. DOI: 10.4159/9780674089136-intro.
- Eaton, Richard M. (1993), *The Rise of Islam and the Bengal Frontier*, 1204–1760 (Berkeley: University of California Press), ark:/13030/ft067n99v9/.
- Edgerton, Franklin (1939), "The Epic Triṣṭubh and Its Hypermetric Varieties," *Journal of the American Oriental Society*, 59/2: 159–74. DOI: 10.2307/594060.
- ——(1953), Buddhist Hybrid Sanskrit Grammar and Dictionary. Vol. 2: Dictionary (William Dwight Whitney Linguistic Series; New Haven: Yale University Press).
- Eggeling, Julius, et al. (1887–1935), Catalogue of the Sanskrit Manuscripts in the Library of the India Office (London: Secretary of State for India), ark:/13960/s2kbk5zcrg9.
- Elliot, Robert Henry (1918), The Indian Operation of Couching for Cataract: Incorporating the Hunterian Lectures Delivered before the Royal College of Surgeons of England on February 19 and 21, 1917 (London: H. K. Lewis).
- Elshakry, Marwa S. (2008), "Knowledge in Motion: The Cultural Politics of Modern Science Translations in Arabic," *Isis*, 99/4: 701–30. DOI: 10.1086/595767, URL, accessed 24/02/2019.
- Emeneau, M. B. (1969), "Sanskrit Syntactic Particles "kila, khalu, nūnam"," *Indo-Iranian Journal*, 11/4: 241–68.
- Ewart, Joseph (1878), *The Poisonous Snakes of India: For the Use of the Officials and Others Residing in the Indian Empire* (London: J & A Churchill), ISBN: 81-7002-011-5, ark:/13960/t9z07w72g; Reprinted Delhi: Himalayan Books, 1985.

Falk, Harry (1991), "Silver, Lead and Zinc in Early Indian Literature," *South Asian Studies*, 7/1: 111–7. DOI: 10.1080/02666030.1991.9628430.

- Fan, Ka Wai (2005), "Couching for Cataract and Sino-Indian Medical Exchange From the Sixth to the Twelfth Century AD," *Clinical and Experimental Ophthalmology*, 33/2: 188–90. DOI: 10.1111/j.1442-9071.2005.00978.x; unaware of V. Deshpande 1999; 2000.
- Fayrer, Joseph (1874), The Thanatophidia of India, Being a Description of the Venomous Snakes of the Indian Peninsula with and Account of the Influence of their Poison on Life and a Series of Experiments (2nd edn., London: Churchill), ark:/13960/t9h49dg5c; First edition 1872.
- Fitzgerald, James L. (2009), "A Preliminary Study of the 681 Triṣṭubh Passages of the Mahābhārata," in Robert P. Goldman and Muneo Tokunaga (eds.), *Epic Undertakings* (Papers of the 12th World Sanskrit Conference; Delhi: Motilal Banarsidass Publishe), 95–117.
- Flood, Gavin D. (2022) (ed.), Wiley Blackwell Companion to Hinduism (2nd edn., Hoboken, NJ: Wiley & Sons, Limited), ISBN: 9781119144861.
- Froese, R., and Pauly, D. (2022) (eds.), "Fishbase: The Global Encyclopedia about Fish," URL.
- Gaṇapatiśāstrī, T. (1920–25), Āryamañjuśrīmūlakalpaḥ (Trivandrum Sanskrit Series, 70; Anantaśayane: Rājakīyamudraṇayantrālaye), ark:/13960/t4pk5sj0j.
- Giesche, Alena, et al. (2023), "Recurring Summer and Winter Droughts from 4.2–3.97 Thousand Years Ago in North India," *Nature: Communications Earth & Environment*, 4/1: 1–10. DOI: 10.1038/s43247-023-00763-z.
- Gode, P. K., and Karve, C. G. (1957–59) (eds.), Revised and Enlarged Edition of Prin. V. S. Apte's the Practical Sanskrit-English Dictionary (Poona: Prasad Prakashan), ark:/13960/t3gx47212, accessed 20/10/2017.
- Gombrich, Richard (1979), "'He Cooks Softly': Adverbs in Sanskrit Grammar," *Bulletin of the School of Oriental and African Studies*, 42/2: 244–56. DOI: 10.1017/s0041977x0014580x.
- Gupta, Parmanand (1973), *Geography In Ancient Indian Inscriptions* (*Up to 650 A.D.*) (Delhi: D. K. Publishing House), ark:/13960/t3907cf2d.

Gupta, Parmanand (1989), Geography from Ancient Indian Coins & Seals (New Delhi: Concept Publishing Company), ISBN: 9788170222484.

- Gupta, Sri Madhusudana (1835–36) (ed.), Āyur-veda-prakāśa [also Called Suśruta-saṃhitā] by Suśruta. the Suśruta, or System of Medicine, Taught by Dhanwantari, and Composed by His Disciple Suśruta, 2 vols. (Calcutta: Education Press and Baptist Mission Press), ark:/13960/t6841qw6x.
- Haas, E. (1876), "Über die Ursprünge der Indischen Medizin, mit besonderem Bezug auf Suṣruta," Zeitschrift der Deutschen Morgenländischen Gesellschaft, 30/4: 617–70, URL.
- Harimoto, Kengo (2010), "[Preliminary Edition of the Nepalese MSS of the Suśrutasaṃhitā, adhyāyas 1.1–3, 6.4]" (prepublished).
- ——(2011), "In Search of the Oldest Nepalese Manuscript," *Rivista degli Studi Orientali*, 84/1–4: 85–106, ISSN: 0392-4866, URL, accessed 08/09/2019.
- ——(2013), "Description of microfilm C 80/7," NGMCP, URL, accessed 27/02/2023.
- ——(2014), "Nepalese Manuscripts of the Suśrutasaṃhitā," *Journal of Indian and Buddhist Studies* (*Indogaku Bukkyogaku Kenkyu*), 62/3: 23–29 (1087-1093). DOI: 10.4259/ibk.62.3_1087, URL, accessed 08/09/2019.
- Hayashi, Takao (2017), "The Units of Time in Ancient and Medieval India," *History of Science in South Asia*, 5/1: 1–116. DOI: 10.18732/h2ht0h.
- Hemarāja Śarman (1938) (ed.), काश्यपसंहिता (वृद्धजीवकीयं तन्त्रं वा) महर्षिणा मारीचकश्यपेनोपदिष्टा ... हेमराजशर्मणा लिखितेन विस्तृतेन उपोद्घातेन सहिता ... सत्यपाल भिषगा कृतया विद्योतिनी हिन्दीव्याख्यया ... समुल्लसिता (1st edn., Mumba: Nirṇayasāgara Press), ark:/13960/t3mw5gb9p.
- Hendley, T. Holbein (1895), A Medico-topographical Account of Jeypore, Based on the Experience of Twenty Years' Service As a Residency Surgeon and Thirteen As Superintendent of Dispensaries at Jeypore, Rajputana (Calcutta: Calcutta Central Press Company).
- Hessler, Franciscus (1844–55), Suśrutas Ayurvédas: id est Medicinae Systema a Venerabili D'hanvantare Demonstratum a Susruta Discipulo Compositum; Nunc Primum Ex Sanskrita in Latinum Sermonem Vertit, Introductionem, Annotationes Et Rerum Indice Franciscus Hessler (Erlangen: Ferdinandum Enke), ark:/13960/t17m45r97.

Hoernle, A. F. Rudolf (1893–1912) (ed.), *The Bower Manuscript: Facsimile Leaves, Nagari Transcript, Romanised Transliteration and English Translation with Notes* (New Imperial Series, 22; Calcutta: Government of India and under the patronage of the Bengali Government, Archaeological Survey of India), ark:/13960/t05z1bg4q.

- —— (1897), सुश्रुतसंहिता = The Suçruta-Saṃhitā or the Hindū System of Medicine According to Suçruta Translated from the Original Sanskrit (Bibliotheca Indica, 911; Calcutta: Asiatic Society), ark:/13960/t8pd1kw9r, accessed 03/01/2018; No more published; Hoernle does not state which edition he is translating, but it includes the "Dhanvantari phrase".
- —— (1906a), "Studies in Ancient Indian Medicine I: The Commentaries on Suśruta," *Journal of the Royal Asiatic Society of Great Britain and Ireland*: 283–302, URL, accessed 26/06/2019.
- ——(1906b), "Studies in Ancient Indian Medicine II: On Some Obscure Anatomical Terms," *Journal of the Royal Asiatic Society of Great Britain and Ireland*, 4: 915–41, URL, accessed 25/06/2019.
- ——(1907*a*), "Studies in Ancient Indian Medicine II: On Some Obscure Anatomical Terms (Continued from the the Journal, 1906, p. 941)," *Journal of the Royal Asiatic Society of Great Britain and Ireland*: 1–18, URL, accessed 25/06/2019.
- —— (1907b), Studies in the Medicine of Ancient India: Osteology or the Bones of the Human Body (Oxford: Clarendon Press), ark:/13960/t1pg9cq8b.
- Hofer, Theresia (2007), "Swami Laxmi Ram's Ayurvedic Pharmacy in Jaipur, India," *Wellcome History*, 34: 2–3, URL, accessed 16/03/2022.
- Holwell, J. Z. (1767), An Account of the Manner of Inoculating for the Small Pox in the East Indies With...Observations on The...Mode of Treating That Disease in Those Parts (London: T. Becket & P. A. de Hondt), ark:/13960/t3ws9h63c.
- Jack, David Morton (1884), "A Thesis on Cataract in India: Its Pathology and Treatment," Wellcome Library, London, MS 3007, URL, accessed 02/06/2021.
- Jamison, Stephanie W., and Brereton, Joel P. (2014), *The Rigveda* (South Asia Research; New York: Oxford University Press), ISBN: 9780199370184; With commentary at http://rigvedacommentary.alc.ucla.edu/.

Jhalakīkar, Bhīmācārya (1978), न्यायकोशः (सकलशास्त्रोपकारकन्यायादिशास्त्रीयप-दार्थप्रकाशकः) = Nyāyakośa or Dictionary of Technical Terms of Indian Philosophy (Poona: Bhandarkar Oriental Research Institute), ark:/13960/ t4cp7242f.

- Kangle, R. P. (1969), *The Kauṭilīya* Arthaśāstra (2nd edn., Delhi: Motilal Banarsidass), ISBN: 81-208-0042-7, ark:/13960/t3gz6qh1s, accessed 23/09/2021.
- Karttunen, Klaus (2015), *Yonas and Yavanas in Indian Literature* (Studia Orientalia, 116; Helsinki: Finnish Oriental Society), 454, ISBN: 978-951-9380-88-9, URL; Published electronically in 2016 as a back issue of *Studia Orientalia*.
- Keith, Arthur Berriedale (1908), review of A. F. Rudolf Hoernle (1907), "Studies in Ancient Indian Medicine II: On Some Obscure Anatomical Terms (Continued from the the Journal, 1906, p. 941)," *Journal of the Royal Asiatic Society of Great Britain and Ireland*: 1–18, URL, accessed 25/06/2019, in *Zeitschrift Der Deutschen Morgenländischen Gesellschaft*, 1/62: 134–9, URL, accessed 17/04/2021.
- Kieffer-Pülz, Petra (1996), "The Meaning of Māḷa(ka)/māla(ka) in Pāli," in N. Balbir, G.-J. Pinault, and J. Fezas (eds.), Langue, style et structure dans le monde indien, Centenaire de Louis Renou. Actes du Colloque international (Paris, 25–27 janvier 1996 (Paris), 285–325, URL, accessed 17/05/2023.
- Klebanov, Andrey (2010), "The *Nepalese Version of the Suśrutasaṃhitā and Its Interrelation with Buddhism and the Buddhists," MA thesis (Hamburg: Hamburg University, Sept.), url, accessed 08/09/2019.
- ——(2012), "Description of microfilm B 29/19," NGMCP, URL, accessed 27/02/2023.
- ——(2021*a*), "On the Textual History of the Suśrutasaṃhitā (1): A Study of Three Nepalese Manuscripts," *eJIM: Electronic Journal of Indian Medicine*, 12/1: 1–64. DOI: 10.21827/ejim.12.1.37385.
- ——(2021*b*), "On the Textual History of the Suśrutasaṃhitā, (2): An Anonymous Commentary and its Identified Citations," in Toke Lindegaard Knudsen, Jacob Schmidt-Madsen, and Sara Speyer (eds.), Body and Cosmos: Studies in Early Indian Medical and Astral Sciences in Honor of Kenneth G. Zysk (Leiden, Boston: Brill), 110–39. DOI: 10.1163/9789004438224_008.

Kuist, James M. (1982), *The Nichols File of The Gentleman's Magazine* (Madison: University of Wisconsin Press), ISBN: 0-299-08480-9, ark:/13960/t53g2ct2z.

- Kulikov, Leonid (2006), "The Sanskrit -yet- Optative: A Formation Not Yet Recorded in Sanskrit Grammars," *Wiener Zeitschrift für die Kunde Südasiens*, 50: 27–68. doi: 10.1553/wzksls27, url.
- Lariviere, Richard W. (2003), *The Nāradasmṛti. Critically Edited with an Introduction,annotated Translation, and Appendices* (2nd edn., Delhi: Motilal Banarsidass), ISBN: 8120818040; First edition: Philadelphia, 1989.
- Law, Bimala Churn (1984), *Historical Geography of Ancient India* (New Delhi: Orient Books Reprint), ark:/13960/t3d01t737; Reprint of 1954 Paris edition.
- Leffler, Christopher T., et al. (2020), "The History of Cataract Surgery: From Couching to Phacoemulsification," *Annals of Translational Medicine*, 8/22: 1551–97, ISSN: 2305-5847. DOI: 10.21037/atm-2019-rcs-04, URL, accessed 02/11/2020.
- Lele, W. K. (1981), *The Doctrine of the Tantrayukti-s: Methodology of Theoretico-scientific Treatises in Sanskrit* (Chaukhamba Surabharati Studies, 3; Varanasi: Chaukhamba Surabharati Prakashan), ark:/13960/s28vqzhkdjq.
- Li, Charles (2017), "Critical Diplomatic Editing: Applying Text-critical Principles As Algorithms," in Peter Boot et al. (eds.), Advances in Digital Scholarly Editing. Papers Presented at the Dixit Conferences in the Hague, Cologne, and Antwerp (Leiden: Sidestone Press), 305–10, ISBN: 978-90-8890-485-1, URL, accessed 10/11/2020.
- —— (2017–), "Saktumiva," URL, accessed 21/01/2023.
- ——(2018), "Limits of the Real: A Hypertext Critical Edition of Bhartṛhari's Dravyasamuddeśa, with the Commentary of Helārāja," en, PhD thesis (Cambridge: University of Cambridge). DOI: 10.17863/CAM.31454.
- ——(2022*a*), "Helayo: Reconstructing Sanskrit Texts from Manuscript Witnesses," *Journal of Open Source Software*, 7/71: 4022. DOI: 10.21105/joss.04022.
- —— (2022b), "Reconstructing a Sanskrit Text" (19 Nov.), URL, accessed 20/01/2023.

Lienhard, Siegfried (1978), "On the Meaning and Use of the Word Indragopa," *Indologica taurinensia*, 6: 177–88, URL, accessed 06/02/2021; The indragopa is a 'red velvet mite'.

- Longmate, Barak (1794), "A Curious Chirurgical Operation," *The Gentleman's Magazine and Historical Chronicle*, 64.4 (Oct.): 883, 891, 892; I am grateful to the late John Symons of the Wellcome Library who identified the author 'B. L.' as the journalist Barak Longmate. See also Kuist 1982: 87.
- Maas, Philipp André (2013), "A Concise Historiography of Classical Yoga Philosophy: leslie," in Eli Franco (ed.), *Historiography and Periodization of Indian Philosophy* (Vienna: Sammlung de Nobili), 53–90, URL, accessed 27/05/2016.
- Mairs, Rachel (2013), "Greek Settler Communities in Central and South Asia, 323 BCE to 10 CE," in Ato Quayson (ed.), *A Companion To Diaspora And Transnationalism* (Oxford: John Wiley and Sons Ltd), 443–54, ISBN: 9781405188265.
- —— (2014), The Hellenistic Far East: Archæology, Language, and Identity in Greek Central Asia: Archæology, Language, and Identity in Greek Central Asia (Berkeley: University of California Press), 250, ISBN: 9780520292468. DOI: 10.1525/9780520959545.
- Majno, Guido (1975), *The Healing Hand. Man and Wound in the Ancient World* (Cambridge, MA: Harvard University Press), ark:/13960/t4hm7xf2c.
- Malamoud, Charles (1996), "Paths of the Knife: Carving up the Victim in Vedic Sacrifice," in *Cooking the World: Ritual and Thought in Ancient India. Translated from the French by David White* (Delhi, Bombay, etc.: Oxford University Press), 169–80.
- Mānasa-taraṅgiṇī (2019), "Kaiṭabha, Poison and Death: Meanderings through Tradition," mAnasa-taraMgiNI Blog (1 Sept.), URL, accessed 31/01/2023.
- Manevskaia, Ilona (2008), "Preliminary Observations on Compositional Methods in Haribhadra's Ālokā," in Richard Gombrich and Cristina Scherrer-Schaub (eds.), *Buddhist Studies* (Papers of the 12th World Sanskrit Conference, 8; Delhi: Motilal Banarsidass), 97–117.

Manucci, Niccolò (1907–08), Storia Do Mogor or, Mogul India, 1653–1708 by Niccolao Manucci, Venetian; Translated with Introduction and Notes, by William Irvine (The Indian Texts Series; London: J. Murray), URL, accessed 04/10/2021.

- Masai, François (1950), "Principes et conventions de l'édition diplomatique," *Scriptorium*, 4: 177–93. DOI: 10.3406/scrip.1950.2294.
- McHugh, James (2021), An Unholy Brew: Alcohol in Indian History and Religions (New York: Oxford University Press), 416 pp., ISBN: 9780199375936.
- Mehta, S. R., and Sashindran, V. K. (2002), "Clinical Features And Management Of Snake Bite," *Medical Journal Armed Forces India*, 58/3 (July): 247–9. DOI: 10.1016/s0377-1237(02)80140-x.
- Mejor, Marek (2000), "Some Observations on the Date of the *Yukti-dīpikā* (apropos of a New Edition)," in Piotr Blcerowicz and Marek Mejor (eds.), On the Understanding of Other Cultures, vii (Studia Indologiczne; Warszawa: Instytut Orientalistyczny, Uniwersytet Warszawski), 255–89.
- Meulenbeld, Gerrit Jan (1974b), The Mādhavanidāna and Its Chief Commentary: Chapters 1–10. Introduction, Translation, and Notes (Leiden: Brill), ISBN: 978-90-04-03892-9, ark:/13960/t25b8q97g.
- —— (1984), "The Surveying of Sanskrit Medical Literature," in id. (ed.), *Proceedings of the International Workshop on Priorities in the Study of Indian Medicine* (Groningen: Forsten), 37–56.
- —— (1989), "The Search for Clues to the Chronology of Sanskrit Medical Texts As Illustrated by the History of Bhaṅgā (cannabis Sativa Linn.)," Studien zur Indologie und Iranistik, 15: 59–70.
- —— (1990), "Conformities and Divergences of Basic Ayurvedic Concepts in Veterinary Texts," *Journal of the European Ayurvedic Society*, 1: 1–6, URL, accessed 16/02/2022.
- —— (1991), "The Constraints of Theory in the Evolution of Nosological Classifications: A Study on the Position of Blood in Indian Medicine (Āyurveda)," in *Medical Literature from India, Sri Lanka, and Tibet*, 91–106, ISBN: 90-04-09522-5, URL.
- —— (1992), "The Characteristics of a Doṣa," *Journal of the European Āyurvedic Society*, 2/1: 1–5, ark:/13960/t8hf69z8j.

Meulenbeld, Gerrit Jan (2008), *The Mādhavanidāna with "Madhukośa," the Commentary by Vijayarakṣita and Śrīkaṇṭhadatta (Ch. 1-10). Introduction, Translation, and Notes* (Delhi: Motilal Banarsidass).

- ——(2011), "The Relationships between Doṣas and Dūṣyas: A Study on the Meaning(s) of the Root Murch-/mūrch," *eJournal of Indian Medicine*, 4/2: 35–135, URL, accessed 13/10/2017.
- Miles, M. (1999), "Personal Communication," Mar.; Letter of 4 March.
- Moureau, Sébastien. (2015), "The Apparatus Criticus," in Alessandro Bausi et al. (eds.), *Comparative Oriental Manuscript Studies: An Introduction* (Hamburg: Tredition), 348–52, ISBN: 978-3-7323-1768-4, URL, accessed 04/07/2021.
- Mukhopādhyāya, Girindranāth (1913), *The Surgical Instruments of the Hindus, with a Comparative Study of the Surgical Instruments of the Greek, Roman, Arab, and the Modern Eouropean* (sic) *Surgeons* (Calcutta: Calcutta University), ark: 13960/t1zd2pq29, accessed 29/01/2018; Vol.2: ark:/13960/t9r25qd8m. Reprinted as a single volume, New Delhi, 1987.
- Muthuswami, Nurani Easwara (1976) (ed.), *Tantrayuktivicāraḥ* [by Nīlameghabhiṣaj] (Kerala Praśāsanāyurveda Granthāvaliḥ, 1; 2nd edn., Trivandrum: Publications Division, Govt. Ayurveda College), url., accessed 09/03/2018; Etext transcribed from edition by Manoj Sankaranarayana and Pavana J.
- Narayana, Ala, and Thrigulla, Saketh Ram (2011), "Tangible Evidences of Surgical Practice in Ancient India," *Journal of Indian Medical Heritage*, 16: 1–18, URL, accessed 02/06/2021.
- Nārāyaṇa, Śaṃkaraśarman (1949), *Tantrayuktiḥ*, ed. Vayaskara N. S. Mooss (Vaidyasārathigranthāvaliḥ, 6; Koṭṭayanagaryāṃ: Vaidyasarathi Press), url, accessed 09/03/2018.
- NGMCP (2014), "Nepal-german Manuscript Cataloguing Project. Online Title List and Descriptive Catalogue," Universität Hamburg and Deutsche Forschungsgemeinschaft, URL.
- Oberhammer, Gerhard (1967–68), "Notes on the Tantrayukti-s," *The Adyar Library Bulletin*, 31–2: 600–16, URL.
- Oberlies, Thomas (2003), *A Grammar of Epic Sanskrit* (Indian Philology and South Asian Studies, 5; Berlin: De Gruyter), ISBN: 9783110144482. DOI: 10.1515/9783110899344.

Olivelle, Patrick (2001), Food for Thought. Dietary Rules and Social Organization in Ancient India (Gonda Lectures, 9; Amsterdam: Royal Netherlands Academy of Arts and Sciences), URL, accessed 28/06/2023.

- —— (2005), Manu's Code of Law: A Critical Edition and Translation of the Manava-dharmasastra, With the editorial assistance of Suman Olivelle (South Asia research; New York: Oxford University Press), ISBN: 0195171462.
- (2013), King, Governance, and Law in Ancient India: Kauṭilya's Arthaśāstra. a New Annotated Translation (New York: Oxford University Press), ISBN: 9780199891825. DOI: 10.1093/acprof:osobl/9780199891825.003.0001.
- Osbaldeston, Tess Anne, and Wood, R. P. A. (2000), Dioscorides. De Materia Medica. Being an Herbal with Many Other Medicinal Materials Written in Greek in the First Century of the Common Era. a New Indexed Version in Modern English [Introductory Notes by R. P. Wood] (Johannesburg: IBIDIS Press), ISBN: 0-620-23435-0, URL.
- Pandey, Anshuman (2012), "Proposal to Encode the Newar Script in ISO/IEC 10646," URL.
- Pāṇḍeya, Rāmateja (1963) (ed.), श्रीकृष्णद्वैपायनव्यासप्रणीतं गरुडपुराणम् (Vidyabhawan Prachyavidya Granthamala, 3; reprint, Caukhambā Vidyābhavana, Paṇḍita-Pustakālaya: Kāśī), ark:/13960/t6pz7tg7j.
- Pass, Gregory (2003), Descriptive Cataloging of Ancient, Medieval, Renaissance, and Early Modern Manuscripts (Chicago: American Library Association), ISBN: 0-8389-8218-2, URL.
- PBS (2020), "Modern Day Blood-letting in North Africa," PBS (11 Dec.), URL; Filmed in Farchana, Chad, amongst Sudanese refugees from Darfur, for the series *Our Human Planet*.
- Pillay, V. V. (2013), *Modern Medical Toxicology* (New Delhi: Jaypee Brothers Pvt. Ltd), ISBN: 9789350259658.
- Pillay, Vijay V., and Sasidharan, Anu (2019), "Oleander and Datura Poisoning: An Update," *Indian Journal of Critical Care Medicine*, 23/Supplement 4: 5250–5. DOI: 10.5005/jp-journals-10071-23302.

Preisendanz, Karin (2007), "The Initiation of the Medical Student in Early Classical Āyurveda: Caraka's Treatment in Context," in Birgit Kellner et al. (eds.), Pramāṇakīrtiḥ. Papers Dedicated to Ernst Steinkellner on the Occasion of His 70th Birthday. Part 2, ii, 2 vols. (Wiener Studien zur Tibetologie und Buddhismuskunde, 70.2; Wien: Arbeitskreis für Tibetische Und Buddhistische Studien Universität Wien), 629–68, ISBN: 9783902501097, URL.

- ——(2013), "Logic, Debate and Epistemology in Ancient Indian Medical Science: An Investigation Into the History and Historiography of Indian Philosophy. Part I," in Dominik Wujastyk, Anthony Cerulli, and Karin Preisendanz (eds.), *Medical Texts and Manuscripts in Indian Cultural History* (Delhi: Manohar Publishers and Distributors), 63–139, ISBN: 978-9350980194.
- Prets, Ernst, and Prandstetter, Joachim (1991–2006), Terminologie der frühen philosophischen Scholastik in Indien: Ein Begriffswörterbuch zur altinidischen Dialektik, Erkenntnislehre und Metholologie, ed. Gerhard Oberhammer (Österreichische Akademie der Wissenschaften, Philosoophisch-Historische Klasse, Denkschriften, 223, 248, 343; Wien: Verlag der Österreicheischen Akademie der Wissenschaften); Beitraäge zur Kultur- und Geistesgeschichte Asiens; Nr. 9, 17, 49.
- Price, Kenneth M. (2013), "Electronic Scholarly Editions," in Ray Siemens and Susan Schreibman (eds.), *A Companion to Digital Literary Studies* (Chichester, UK: John Wiley & Sons, Ltd), 434–50. DOI: 10 . 1002 / 9781405177504.ch24, URL, accessed 04/07/2021.
- Rādhākāntā Deva, Rājā (1876), মৃত্রকেল্पट्रुमः = Shabda Kalpadrumah, Or, the Tree Bearing All the Words That May Be Wished For (Calcutta: Baradākānta Mitra & Co. at the New Bengal Press), ark:/13960/t9x10x61b.
- Rai, Saurav Kumar (2019), "Invoking 'Hindu' Ayurveda: Communalisation of the Late Colonial Ayurvedic Discourse," *The Indian Economic & Social History Review*, 56/4: 411–26. DOI: 10.1177/0019464619873820; Online first.
- Rama Rao, B., et al. (2005), Sanskrit Medical Manuscripts in India (New Delhi: Central Council for Research in Ayurveda & Siddha), ark:/13960/t88h7763b.

Rama Sastri and Krishnamurthi Sastri, S. R. (1952) (eds.), पातञ्जलयोगसू-त्रभाष्यविवरणम्। (शङ्करभगवत्पादप्रणीतम्) = Pātājala[sic]-yogasūtra-bhāṣya Vivaraṇam of Śaṅkara-Bhagavatpāda. Critically Edited with Introduction (Madras Government Oriental Series, 94; Madras: Government Oriental Manuscripts Library), ark:/13960/t7jq3m14w, accessed 20/10/2017.

- Rây, Priyadaranjan, Gupta, Hirendra Nath, and Roy, Mira (1980), *Suśruta Saṃhita* (*a Scientific Synopsis*) (New Delhi: Indian National Science Academy), ark:/13960/t64511t6v, accessed 13/09/2019.
- Raychaudhuri, Hemachandra (1953), *Political History of Ancient India* (Calcutta: University of Calcutta), ark:/13960/s25hz0hz29p.
- Renou, Louis (1940), "Sur certaines anomolies de l'optatif Sanskrit," Bulletin de la Société de Linguistique de Paris, 41: 5–17, ark:/12148/bpt6k121049.
- Rhys Davids, Thomas William, and Stede, William (1921–25), *The Pali Text Society's Pali-English Dictionary* (London: The Pali Text Society), ark:/13960/t4nk3nc12.
- Rimal, Madhusudana, and Wujastyk, Dominik (2022), "MS Kathmandu NAK 1/1146," Pandit Project (18 May), URL.
- Roelli, Philipp (2020) (ed.), *Handbook of Stemmatology* (Berlin: De Gruyter). DOI: 10.1515/9783110684384.
- Roelli, Philipp, and Macé, Caroline (2015), "Parvum Lexicon Stemmatologicum. A Brief Lexicon of Stemmatology." DOI: 10.5167/uzh-121539.
- Roşu, Arion (1989), *Un demi-siècle de recherches āyurvédiques. Gustave Liétard et Palmyr Cordier: Travaux sur l'histoire de la médecine indienne* (Paris: Institut de Civilisation Indienne).
- Ruben, Walter (1926), "Zur Frühgeschichte der indischen Philosophie," in W. Kirfel (ed.), Beiträge zur Literaturwissenschaft und Geistesgeschichte Indiens Festgabe Hermann Jacobi zum 75. Geburtstag <11. Februar 1925> dargebracht von Freunden, Kollegen und Schülern (Bonn: Kommissionsverlag Fritz Klopp), 346–57.
- —— (1954*a*), Geschichte der indischen Philosophie [collected articles] (Berlin: Deutscher Verlag), ark:/13960/t9v18cc78.

Ruben, Walter (1954*b*), "Medizin (Caraka) und Logik (Nyāya) (um 100 u. Z.)," in id., *Geschichte der indischen Philosophie* [collected articles] (Berlin: Deutscher Verlag), chap. 21, 212–22, ark:/13960/t9v18cc78.

- Saha, Mridula (2015), The History of Indian Medicine Based on the Vedic Literature Satapatha Brahmana (Kolkata: The Asiatic Society), ISBN: 978-9381574294.
- Sarukkai, Sundar (2016), "Translation As Method: Implications for History of Science," in Bernard Lightman, Gordon McOuat, and Larry Stewart (eds.), *The Circulation of Knowledge Between Britain, India and China* (Leiden: BRILL), 309–29. DOI: 10.1163/9789004251410_014.
- Sastri, Hrishikesh, and Gui, Siva Chandra (1895–1917), A Descriptive Catalogue of Sanskrit Manuscripts in the Library of Calcutta Sanskrit College (Calcutta: Baptist Mission Press).
- Sastri, P. P. S. (1933), A Descriptive Catalogue of the Sanskrit Manuscripts in the Tanjore Maharaja Serfoji's Sarasvati Mahal Library Tanjore: Natya, Sangita, Kamasastra, Vaidya & Jyotisa, nos. 10650–11737 (Srirangam: Sri Vani Vilas Press), ark:/13960/t3nw8bc12.
- Śāstrī, Vardhamāna Pārśvanātha (1940) (ed.), उग्रादित्याचार्यकृत कल्याणकारक (राष्ट्रभाषानुवादसिहत) = The Kalyāṇa-kārakam of Ugrādityacharya, Edited with Introduction, Translation, Notes, Indexes and Dictionary (Sakhārāma Nemacaṃda Graṃthamālā, 129; Solāpura: Seṭha Goviṃdajī Rāvajī Dośī), ark:/13960/t2q617g4d.
- Scharfe, Hartmut (1993), *Investigations in Kauṭalya's Manual of Political Science* (2nd edn., Oxford: Harrassowitz), ISBN: 3447033304, URL; 2nd. rev. ed. of Untersuchungen zur Staatsrechtslehre des Kauṭalya.
- Schwartzberg, Joseph E., Bajpai, Shiva G., et al. (1978) (eds.), *A Historical Atlas of South Asia* (Chicago: University of Chicago Press), url.
- Scott, H. (1817), "Some Remarks on the Arts of India, with Miscellaneous Observations on Various Subjects," *Journal of Science and the Arts*, 2: 67–72, ill. after 133, ark:/13960/t9870jt4g; Breton 1826: 358–363 cites Scott's description of cataract couching.
- Selby, Martha Ann (2005*a*), "Narratives of Conception, Gestation, and Labour in Sanskrit Ayurvedic Texts," *Asian Medicine*, 1/2: 254–75, ISSN: 1573-420X. DOI: 10.1163/157342105777996638.

——(2005*b*), "Sanskrit Gynecologies in Postmodernity: The Commoditization of Indian Medicine in Alternative Medical and New-age Discourses on Women's Health," in *Asian Medicine and Globalization*, chap. 8, 120–31, URL, accessed 22/03/2018.

- Semeka-Pankratov, Elena (1979), "A Semiotic Approach to the Polysemy of the Symbol *nāga* in Indian Mythology," in Irene Portis Winner and Jean Umiker-Sebeok (eds.), *Semiotics of Culture* (Approaches to Semiotics, 53; The Hague, Paris, NY: Mouton), 237–90. DOI: 10.1515/9783110823134-009; The contents of this volume were published simultaneously in *Semiotica* (1/3) 1979.
- Sen, Sailendra Nath (1988), *Ancient Indian History and Civilization* (Delhi: New Age International), ark:/13960/t8gf8pz34.
- Sena, Gaṅgāprasād, et al. (1886–93) (eds.), सुश्रुतसंहिता...दल्लनाचार्य्य-कृत-निवन्ध-संग्रह, चक्रपाणिदत्त-कृत-भानुमती-टीका...वङ्गानुवाद...इरेजि प्रतिशब्द (Calcutta: Maṇirāma Press); Edition "g" in HIML: IB, 311.
- Sharma, Har Dutt (1939), Descriptive Catalogue of the Government Collections of Manuscripts Deposited at the Bhandarkar Oriental Research Institute, Vol. XVI, Part I, Vaidyaka (Descriptive Catalogue of Manuscripts in the Government Manuscripts Library, XVI.I; Pune: Bhandarkar Oriental Research Institute), ark:/13960/t0ms6rc70, accessed 23/10/2019.
- Sharma, Priya Vrat (1972), *Indian Medicine in the Classical Age* (Varanasi: Chowkhamba Sanskrit Series Office).
- —— (1975), *Āyurved Kā Vaijñānik Itihās* (Jayakṛṣṇadāsa Āyurveda Granthamālā; Vārāṇasī: Caukhambā Orientalia).
- —— (1982), *Dalhaṇa and his Comments on Drugs* (Delhi: Munshiram Manoharlal).
- —— (1999–2001), Suśruta-Saṃhitā, with English Translation of Text and Dalhaṇa's Commentary Alongwith (sic) Critical Notes, 3 vols. (Haridas Ayurveda Series, 9; Varanasi: Chaukhambha Visvabharati).
- Shastri, R. Shama (1920) (ed.), बोधायनगृह्यसूत्रम् The Bodhāyana Grihyasutra (Mysore: University of Mysore), ark:/13960/t2t492622.
- Shiffman, Melvin A. (2013), "History of Otoplasty: Review of Literature," in id. (ed.), *Advanced Cosmetic Otoplasty: Art, Science, and New Clinical Techniques* (Berlin, Heidelberg: Springer), chap. 5, 43–64. DOI: 10.1007/978-3-642-35431-1 5.

Siddiqi, Muhammad Zubayr (1959), Studies in Arabic and Persian Medical Literature, ark:/13960/s25bxqt84xm.

- Sieler, Roman (2015), Lethal Spots, Vital Secrets. Medicine and Martial Arts in South India (New York: Oxford University Press), ISBN: 9780190243869.
- Singh, A. (2003), "Tantra Yukti: Method of Theorization in Ayurveda," *Ancient Science Of Life*, 22/3: 64–74.
- Singhal, G. D., et al. (1972–82), *Diagnostic* [and Other] Considerations in Ancient Indian Surgery (Varanasi: Singhal Publications); A translation of the Suśrutasaṃhitā in 10v.
- Sircar, Dinesh Chandra (1971), Studies in the Geography of Ancient and Medieval India (2nd edn., Delhi: Motilal Banarsidass), ark:/13960/t72w2zd8w.
- —— (1987), "6. Rākshaskhāli (Sundarban) Plate; Śaka 1118," *Epigraphia Indica* (1953–54), 30: 42–3, ark: /13960/t80m25q3w.
- Siromaṇi, Bharatacandra (1873) (ed.), चतुर्वर्गचिन्तामणि-दानखण्डम् (Calcutta: Asiatic Society of Bengal), ark:/13960/t1rf9jd94.
- Sleeman, W. H. (1893), Rambles and Recollections of an Indian Official (London: Constable), ark:/13960/t22c4bx7w; v.2 at http://n2t.net/ark:/13960/t2s52bq7w.
- Slouber, Michael (2016), Early Tantric Medicine: Snakebite, Mantras, and Healing in the Garuda Tantras (New York: OUP), 392 pp., ISBN: 9780190461812.
- Smith, Brian K. (1994), Classifying the Universe: The Ancient Indian Varna System and the Origins of Caste (New York, Oxford: Oxford University Press), ISBN: 0-19-508498-5.
- Spencer, Walter George (1935–38), Celsus: De Medicina. with an English Translation by W. G. Spencer, 3 vols. (Loeb Classical Library, 292, 304, 336; Cambridge, MA; London: Harvard University Press; William Heinemann), URL, accessed 02/06/2021.
- Speziale, Fabrizio (2019), "Rasāyana and Rasaśāstra in the Persian Medical Culture of South Asia," *History of Science in South Asia*, 7: 1–41. DOI: 10 . 18732/hssa.v7i0.40.

Spink, M. S., and Lewis, G. L. (1973) (eds.), *Albucasis on Surgery and Instruments: A Definitive Edition of the Arabic Text with English Translation and Commentary* (London: Wellcome Institute of the History of Medicine), ark:/13960/t95823n1k.

- Srikantha Murthy, K. R. (2000–02), *Illustrated Suśruta Saṃhitā: Text, English Translation, Notes, Appendices and Index* (Jaikrishnadas Ayurveda Series, 102; 1st edn., Varanasi: Chaukhambha Orientalia).
- Steingass, F. (1930), A Comprehensive Persian-English Dictionary Including the Arabic Words and Phrases to Be Met with in Persian Literature (London: Kegan Paul, Trench, Trubner), ark:/13960/s25bwz0337d; Reprint, Delhi: Oriental Reprint, 1973.
- Storey, C. A. (1971), *Persian Literature*, a Bio-bibliographical Survey. Vol. II.2: Medicine (London: Royal Asiatic Society of Great Britain and Ireland), ark:/13960/t9v18bf68.
- Strauss, Bettina (1934), "Das Giftbuch des Śānāq: eine Literaturgeschichtliche Untersuchung," Quellen und Studien zur Geschichte der Naturwissenschaften und der Medizin, 4/2: [89]–[152] followed by Arabic text, ark:/13960/s2hb5j66s95.
- Suvedī, K. S., and Tīvārī, N. (2000) (eds.), सौश्रुतनिघण्टुः: ग्रन्थादौ विस्तृतेन ग्रन्थ-वैशिष्ट्यप्रकाशकेनोपोद्घातेन अवसाने च द्रव्याणामनेकभाषानामावली-पर्यायसङ्ग्रहाभ्यां समलङ्कृतः सुश्रुतसंहितायां प्रयुक्तानामौषधद्रव्याणां पर्याय-गुणकर्मवर्णात्मको ऽपूर्वग्रन्थः (Belajhuṇḍī, Ḍāṅ: Mahendrasaṃskṛtaviśvavidyālayaḥ).
- Talwar, P. K., and Kacker, R. K. (1984), *Commercial Sea Fishes of India* (Calcutt: Zoological Survey of India), ark:/13960/t5s841v5m.
- Tavernier, Jean-Baptiste (1684), *Collections of Travels through Turky* (sic), *into Persia, and the East-Indies* (London: M. Pitt), ark:/13960/t9g45vn74.
- TEI Consortium (2010), TEI P5: Guidelines for Electronic Text Encoding and Interchange, ed. C. M. Sperberg-McQueen et al. (Oxford, Providence, Charlottesville, Nancy: TEI Consortium), URL.
- Thorburn, S. S. (1876), Bannu; or Our Afghan Frontier (London: Trübner & Co.), ark:/13960/t39z96g7m; Reprinted Lahore: Niaz Ahmad, 1978.
- Tivārī, Premvatī (1990), Āyurvedīya prasūti-tantra evam strī-rog; pratham bhāg: Prasūti-tantra, dvitīya bhāg: Strī-rog (Jayakṛṣṇadāsa Āyurvedīya Granthamālā, 41; Varanas: Caukhamba Orientaliai).

UNESCO (2013), "International Memory of the World Register Susruta Samhita (Nepal)," UNESCO, URL, accessed 11/09/2019.

- Unicode Consortium (1991), "The Unicode Standard 15.0, Newa Range," url: https://unicode.org/charts/PDF/U11400.pdf.
- Unschuld, Paul Ulrich (1984), *Medicine in China: A History of Ideas* (Berkeley: University of California Press), ISBN: 0520050231.
- Valiathan, M. S. (2007), *The Legacy of Suśruta* (Hyderabad, Chennai, etc.: Orient Longman).
- Velankar, H. D (1925–30), Descriptive Catalogue of the Sanskṛta and Prākṛta Manuscripts in the Library of the Bombay Branch of the Royal Asiatic Society (Bombay: Royal Asiatic Society, Bombay), ark:/13960/t53g00h0n; Biswas #0115.
- Wall, Frank (1913), The Poisonous Terrestrial Snakes of Our British Indian Dominions (Including Ceylon) and How to Recognize Them; With Symptoms of Snake Poisoning and Treatment (3rd edn., Bombay: Bombay Natural History Society), ark:/13960/t1zc8g94b.
- —— (1921), *Ophidia Taprobanica or the Snakes of Ceylon* (Colombo: Cottle, Government Printer), ark:/13960/t39z9q93n.
- Whitney, William Dwight (1885), *The Roots, Verb-forms, and Primary De-rivatives of the Sanskrit Language. A Supplement to his Sanskrit Grammar* (Leipzig: Breitkopf and Härtel), ark:/13960/t3qv3p906.
- Wilson, H. H. (1823), "On the Medical and Surgical Sciences of the Hindus," *The Oriental Magazine and Calcutta Review*, 1: 207–12, 349–56, URL.
- Woodcock, Martin W. (1980), Collins Handguide to the Birds of the Indian Sub-continent, Including India, Pakistan, Bangladesh, Sri Lanka and Nepal (Collins), ISBN: 0-00-219712-X; Reprinted 1990.
- Wujastyk, Dagmar (2012), Well-mannered Medicine: Medical Ethics and Etiquette in Classical Ayurveda (New York: Oxford University Press).

 DOI: 10.1093/acprof:0so/9780199856268.001.0001.
- ——(2013*a*), "Perfect Medicine. Mercury in Sanskrit Medical Literature," *Asian Medicine: Tradition & Modernity*, 8/1 (Sept.): 15–40, ISSN: 1573-4218. DOI: 10.1163/15734218-12341278.

—— (2019), "Iron Tonics: Tracing the Development from Classical to Iatrochemical Formulations in Ayurveda," *HIMALAYA: The Journal of the Association for Nepal and Himalayan Studies*, 39/1. DOI: 10.5281/zenodo.7746874.

- Wujastyk, Dominik (1993), "Indian Medicine," in W. F. Bynum and Roy Porter (eds.), Companion Encyclopedia of the History of Medicine, i (London: Routledge), chap. 33, 755–78, ISBN: 0-415-04771-4, URL.
- ——(2002), "Cannabis in Traditional Indian Herbal Medicine," in Ana Salema (ed.), Āyurveda at the Crossroads of Care and Cure. Proceedings of the Indo-European Seminar on Ayurveda held at Arrábida, Portugal, in November 2001 (Lisbon: Centro de História de Além-Mar, Universidade Nova de Lisboa), 45–73, ISBN: 972-98672-5-9, URL, accessed 27/05/2019.
- —— (2003*a*), "Black Plum Island," in 2nd International Conference on Indian Studies. Proceedings (Kraków: Jagiellonian University, Institute of Oriental Philology and Księgarnia Akademicka), 637–49.
- —— (2003b), The Roots of Ayurveda: Selections from Sanskrit Medical Writings (Penguin Classics; 3rd edn., London, New York, etc.: Penguin Group), ISBN: 0-140-44824-1.
- —— (2004), "Agni and Soma: A Universal Classification," *Studia Asiatica: International Journal for Asian Studies*, IV–V, ed. Eugen Ciurtin: 347–70. DOI: 10.5281/zenodo.7742068.
- ——(2013*b*), "New Manuscript Evidence for the Textual and Cultural History of Early Classical Indian Medicine," in *Medical Texts and Manuscripts in Indian Cultural History*, ed. Dominik Wujastyk, Anthony Cerulli, and Karin Preisendanz (New Delhi: Manohar), 141–57, URL.
- Wujastyk, Dominik, et al. (2020), "Suśrutasaṃhitā," PanditProject (6 Oct.), URL, accessed 14/09/2022.
- Wujastyk, Dominik (2021*a*), "A New Translation of Carakasaṃhitā, Vimānasthāna, Chapter 1, Based on the Vienna Critical Edition," in Toke Lindegaard Knudsen, Jacob Schmidt-Madsen, and Sara Speyer (eds.), *Body and Cosmos. Studies in Early Indian Medical and Astral Sciences in Honor of Kenneth G. Zysk* (Leiden, Boston: Brill), chap. 6, 77–109. DOI: 10.1163/9789004438224_007.
- ——(2021*b*), "MS London BL H. T. Colebrooke 908," URL, accessed 03/07/2021.

Wujastyk, Dominik (2021–), "Sushrutaproject: Version Control for Suśruta Text TEI Transcriptions: Suśruta Project Manuscript Transcriptions," University of Alberta, url., accessed 21/01/2023; archived at doi: 10.5281/zenodo.6471655.

- Wujastyk, Dominik, et al. (2021–), "The Suśruta Project: The Textual and Cultural History of Medicine in South Asia Based on Newly-Discovered Manuscript Evidenc," ed. Dominik Wujastyk, Jason Birch, Andrey Klebanov, et al., URL, accessed 21/01/2023.
- Wujastyk, Dominik (2022), "The Science of Medicine," in Gavin D. Flood (ed.), *The Wiley Blackwell Companion to Hinduism* (2nd edn., Hoboken, NJ: Wiley and Sons, Ltd.), chap. 23, 399–413, ISBN: 9781119144861. DOI: 10.1002/9781119144892.ch23.
- Wujastyk, Dominik, Birch, Jason, Klebanov, Andrey, et al. (2021–) (eds.), "New Digital Edition of the Suśrutasaṃhitā: The Suśruta Project at Saktumiva," University of Alberta, url.
- Wujastyk, Dominik, Birch, Jason, Klebanov, Andrey, et al. (2023), On the Plastic Surgery of the Ears and Nose. The Nepalese Version of the Suśrutasaṃhitā (Heidelberg: Heidelberg Asian Studies Publishing), ISBN: 978-3-948791-63-6. DOI: 10.11588/hasp.1203.
- Wujastyk, Dominik, Pollock, Sheldon, et al. (2008–), "SARIT: Search and Retrieval of Indic Texts," url, accessed 21/01/2023.
- Yagi, Toru (1994), "A Note on bhojya- and bhakṣya-," in Yasuke Ikari (ed.), *A Study of the Nīlamata. Aspects of Hinduism in Ancient Kashmir* (Kyoto: Kyoto Institute for Research in Humanities, Kyoto University).
- Yano, Michio (1986), "A Comparative Study of *Sūtrasthānas*: Caraka, Suśruta, and Vāgbhaṭa," in Teizo Ogawa (ed.), *History of Traditional Medicine: Proceedings of the 1st and 2nd International Symposia on the Comparative History of Medicine—East and West* (Osaka: Division of Medical History, the Taniguchi Foundation), 325–44.
- Zimmermann, Francis (1983), "Suśrutasamhita," review of G. D. Singhal et al. (1972–82), *Diagnostic [and Other] Considerations in Ancient Indian Surgery* (Varanasi: Singhal Publications); A translation of the *Suśrutasaṃhitā* in 10v. In *Bulletin of the History of Medicine*, 57/2: 291–3, ISSN: 00075140, eprint: 44441590, URL.

—— (1999), The Jungle and the Aroma of Meats (2nd edn., Delhi: Motilal Banarsidass), ISBN: 8120816188.

- Zysk, Kenneth G. (1984), "An Annotated Bibliography of Translations into Western Languages of Principle Sanskrit Medical Treatises," *Clio Medica*, 19/3–4: 281–91.
- (1985), Religious Healing in the Veda: With Translations and Annotations of Medical Hymns from the Rgveda and the Atharvaveda and Renderings from the Corresponding Ritual Texts (Transactions of the American Philosophical Society; Philadelphia: American Philosophical Society), ISBN: 0871697572.
- —— (1986), "The Evolution of Anatomical Knowledge in Ancient India with Special Reference to Cross-cultural Influences," *Journal of the American Oriental Society*, 106: 687–705. DOI: 10.2307/603532.
- —— (2000), Asceticism and Healing in Ancient India: Medicine in the Buddhist Monastery (Indian Medical Tradition; 2nd edn., Delhi: Motilal Banarsidass); First published 1991. Reprint of 1998 edition.

Materia Medica Reference Works

ADPS Sivarajan, V. V., and Balachandran, Indira (1994), Ayurvedic Drugs and Their Plant Sources (New Delhi, Bombay,

Calcutta: Oxford & IBH Publishing).

AVS Warrier, P. K., Nambiar, V. P. K., and Ramankutty, C.

(1994–96) (eds.), Indian Medicinal Plants: A Compendium of 500 Species. Vaidyaratnam P. S. Varier's Arya Vaidya Sala,

Kottakal (Madras: Orient Longman).

BIA Prater, S. H. (1993), The Book of Indian Animals (3rd edn.,

> Bombay, Delhi, etc.: Oxford University Press), ark:/ 13960/t6356w32f; 4th impression of 3rd corrected 1980

edition.

Chopra Chopra, R. N., Nayar, S. L., and Chopra, I. C. (1956), *Gloss-*

ary of Indian Medicinal Plants (3rd reprint, 1992, New Delhi: Council of Scientific and Industrial Research); vol. 2: R. N.

Chopra, I. C. Chopra, and Varma (Chopra $_{sup}$).

Chopra IDG Chopra, R. N., Chopra, I. C., Handa, K. L., et al. (1958),

Chopra's Indigenous Drugs of India (2nd edn., Calcutta: Dhur

& Sons), ark:/13960/t9673t140.

Chopra_{sup} Chopra, R. N., Chopra, I. C., and Varma, B. S. (1969), *Sup-*

> plement to Glossary of Indian Medicinal Plants (Reprint 1986, New Delhi: National Institute of Science Communication),

ISBN: 8185038872.

CIPP Pillay, V. V. (2010), "Common Indian Poisonous Plants," in

> D. A. Warrell, T. M. Cox, and J. D. Firth (eds.), Oxford Textbook of Medicine (5th edn., Oxford University Press), 1371–

5. DOI: 10.1093/med/9780199204854.003.090302.

Dutt

Dutt, Uday Chand (1922), The Materia Medica of the Hindus...with a Glossary of Indian Plants by George King. Revised Edition...by Binod Lall Sen and Ashutosh Sen and Pulin Krishna Sen (Krishnadas Sanskrit Studies; 3rd edn., Calcutta: Madan Gopal Dass for the Adi-Ayurveda Machine Press), ark:/13960/t59c7tg9z; Reprinted Varanasi: Chowkhamba Saraswatibhavan, 1980.

Dymock

Dymock, William, Warden, C. J. H., and Hooper, David (1890), *Pharmacographia Indica: A History of the Principal Drugs of Vegetable Origin Met with in British India* (London, Bombay, Calcutta: Kegan Paul), URL, accessed 16/03/2023.

GJM₁

Meulenbeld, Gerrit Jan (1974*a*), "Sanskrit Names of Plants and their Botanical Equivalents," in id., *The Mādhavanidāna and Its Chief Commentary: Chapters 1–10. Introduction, Translation, and Notes* (Leiden: Brill), chap. Appendix Four, 520–611, ark:/13960/t25b8q97g.

GJM₂

Meulenbeld, Gerrit Jan (1988), "G. J. Meulenbeld's Additions to his "Sanskrit Names of Plants and their Botanical Equivalents"," in Rahul Peter Das, Das Wissen von der Lebensspanne der Bäume: Surapālas Vṛkṣāyurveda (Stuttgart: Franz Steiner Verlag), chap. Appendix 1, 425–65, ISBN: 9783515046633; Supplement to GJM1.

GVDB

Singh, Thakur Balwant, and Chunekar, K. C. (1972), *Glossary of Vegetable Drugs in Brhattrayī* (Varanasi: Chowkhamba Sanskrit Series Office), ark:/13960/s2cvp72x58j.

IGP

Griffiths, Mark (1994), *The New Horticultural Society Index of Garden Plants* (London: Macmillan).

Issar

Issar, T. P. (1994), *Blossoms of Bangalore* (Bangalore: T. P. Issar).

IW

Israel, Samuel, et al. (1988), *Indian Wildlife: Sri Lanka Nepal* (Insight Guides; Singapore etc.: APA Publications), ISBN: 9780245545238, ark:/13960/s2p9d5pqd1w.

Potter

K&B Kirtikar, K. R., Basu, B. D., and an I.C.S (1987), Indian Medi-

cinal Plants, ed. E. Blatter, J. F. Caius, and K. S. Mhaskar, 8 vols. (2nd edn., Dehradun: International Book Distribut-

ors); First published in Allahabad, 1918.

NK Nadkarni, K. M. (1982), Dr. K. M. Nadkarni's Indian Ma-

teria Medica, with Ayurvedic, Unani-tibbi, Siddha, Allopathic, Homeopathic, Naturopathic & Home Remedies, Appendices & *Indexes* ... *in Two Volumes*, ed. A. K. Nadkarni, 2 vols. (3 ed., revised and enlarged by A. K. Nadkarni, Bombay: Popular

Prakashan), ISBN: 8171541429, URL; First published in 1954.

Wren, R. C. (1956), Potter's New Cyclopaedia of Botanical Drugs and Preparations, ed. R. W. Wren (7th edn., Rustington, Sussex: Health Science Press), ark:/13960/

t14n65c9g.

 $Potter_{rev}$ Wren, R. C., Williamson, Elizabeth M., and Evans, Fred J.

> (1994), Potter's New Cyclopaedia of Botanical Drugs and Preparations (Saffron Walden: C. W. Daniel Company Ltd.);

Reprint of revised 1988 edition.

Reptiles Daniel, J. C. (1983), The Book of Indian Reptiles (Bombay:

Oxford University Press).

Trees Bole, P. V., and Vaghani, Yogini (1986), Field Guide to the

> Common Trees of India (Bombay, Delhi, Oxford, etc.: World Wildlife Fund – India and Oxford University Press), ISBN:

0-19-561595-6; 4th reprint.

 $Watt_{Comm}$ Watt, George (1908), The Commercial Products of India, Being

> an Abridgement of "the Dictionary of the Economic Products of *India*" (London: John Murray), ark:/13960/t8cg7dm79.

 $Watt_{Dict}$ Watt, George (1889–96), A Dictionary of the Economic

Products of India (Calcutta: Dept. Revenue and Agricul-

ture, Government of India), URL, accessed 28/04/2021.

Materia Medica

Numbers after the final colon refer to pages in this book.

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aconite leaf (?) (viṣapatrikā) Unknown.
                                               Bengal quince (bilva) Aegle marmelos (L.)
   Cf. perhaps, vatsanābha (wolfsbane).
                                                  Corr. See AVS: 1, 62, Chevallier 159,
                                                  NK: 1, #62, (MW: 732a): 66, 68, 72
   Cf. GVDB: 373: 91
                                               bitumen (adrija) \rightarrow \acute{sil}\bar{a}jit. A tar-like, black,
amaranth (tandulīyaka) Amaranthus
   hypochondriacus, L. See King 321,
                                                 resinous rock exudate. See
   NK: 1, #144, Potter<sub>rev</sub>: 15. Cf.
                                                  AyMahā: 1, 21:116
   AVS: 1, 121:84
                                               black creeper (pālindī) Ichnocarpus
                                                  frutescens, (L.) R.Br. or Cryptolepis
arjun (arjuna) Terminalia arjuna, Bedd.
   See HK: 32
                                                 buchanani, Roemer & Schultes. See
axlewood (dhava) Anogeissus latifolia
                                                  AVS: 3, 141, 145, 203, NK: 1, #1283,
                                                 1210, ADPS: 434. Dalhana on SS 5.1.82
   (Roxb. ex DC.) Wall. ex Guill & Perr.
                                                 identified pālindī with trivṛt (turpeth)
   See AVS: 1, 163 f, Chopra: 20: 32, 106
                                                  and T. B. Singh and Chunekar
bamboo leaves (venupatrikā) Bambusa
                                                  (GVDB: 246) supported this as a usual
   bambos, Druce. See NK: 1, #307:84
                                                  identification: 84, 87, 101, 102
beautyberry (priyangu) \rightarrow śyāmā.
                                               blackboard tree (saptachada) Alstonia
   Callicarpa macrophylla, Vahl. See
                                                  scholaris R. Br. GVDB: 420:83
   AVS: 1, 334, NK: 1, #420. Some say also
                                               blackbuck (harina) Antilope cervicapra, L.
   Setaria italica Beauv. GVDB: 263-264.
                                                  See BIA: 270 IW: 95, 165, et passim: 87
   See also GVDB: 413: 32, 102, 107
beautyberry (śyāmā) Callicarpa
                                               blue water-lily (utpala) Nymphaea
   macrophylla, Vahl. See AVS: 1, 334,
                                                  stellata, Willd. See GJM1: 528, IGP 790;
                                                  Dutt: 110, NK: 1, #1726: 23, 82, 101, 102
   NK: 1, #420: 70, 82, 84
                                               bulrush (kaśeru) "Two species, Scirpus
beggarweed (amśumatī) Desmodium
                                                  kysoor Roxb., and S. grossus Linn. f.
   gangeticum (L.) DC (Dymock: 1, 428,
                                                  are used" GVDB: 85. Also kaśeruka
   GJM1: 602, NK: 1, #1192; ADPS: 382,
   414 and AVS: 2, 319, 4.366 are
                                                  and kaseru: 70, 71
                                               cardamom (elā) Elettaria cardamomum,
   confusing): 102
beggarweed (vid\bar{a}rigandh\bar{a}) \rightarrow \dot{s}\bar{a}laparn\bar{\iota}.
                                                  Maton. See AVS: 2, 360, NK: 1, #924,
                                                 Potter<sub>rev</sub>: 66: 66, 102, 107
   Desmodium gangeticum (L.) DC. See
   Dymock: 1, 428, GJM1: 602, cf. NK: 1,
                                               cassia cinnamon (patra) Cinnamomum
   #1192; ADPS: 382, 414 and AVS: 2, 319,
                                                  tamala, (Buch.-Ham.) Nees. See
   4.366 are confusing: 41
                                                  AVS: 2, 84, NK: 1, #589: 66, 84, 102
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castor oil tree (gandharvahasta) \rightarrow eraṇḍa. GVDB: 135, K&B: 3, 2277: 37, 68 castor-oil (eranda) Ricinus communis, L. See NK: 1, #2145, Chopra: 214: 42 certain minerals (tārāvitāra) Unknown. It is not even certain that these are minerals. The variant reading in the vulgate, tāraḥ sutāraḥ was glossed by Dalhana on 5.3.14 (Su 1938: 568) as follows tāro rūpyam, sutārah pāradah, "tāra means silver; sutāra means mercury.": 106 chaff (kāndana) The word kāndana is not found in dictionaries; kandana is threshing, separating the chaff from the grain in a mortar. Cf. Hemādri's Caturvargacintāmani (PWK: 2,8) (Siromani 1873: 1, 138: 21, citing the *Vāyupurāṇa*): **24**, **16**0 chebulic myrobalan (harītakī) Terminalia chebula Retz. GVDB: 466:83 cherry (elavālu) Prunus cerasus, L.?. See BVDB 58, NK: 1, #2037, GVDB: 58: 102 chital deer (prsata) Axis axis, Erxleben. See BIA: 292, IW: 93: 87 citron (mātulunga) Citrus medica, Linn. GVDB: 276, 306. Also spelled mātulinga, mātulanga, mātulānga: 72 cobra's saffron $(n\bar{a}gapuspa) \rightarrow n\bar{a}gakeśara$. Mesua ferrea, L. See NK: 1, #1595, GVDB: 220: 102 corky coral tree (pāribhadra) Erythrina suberosa Roxb. See GVDB 245: 106 costus (kustha) Saussurea costus, Clarke. See NK: 1, #2239: 66, 72, 84, 102, 107 cottony jujube $(k\bar{a}kol\bar{\iota})$ Ziziphus mauritanica, Lam. See IGP: 1233, NK: 1, #2663; IGP 1233. Cf. NK: 1, #1170:65,71 country mallow (atibalā) Abutilon indicum, (L.) Sweet, but may be other kinds of mallow, e.g., Sida rhombifolia, L.. See NK: 1, #11, IGP: 1080, NK: 1, #2300, ADPS: 71, 77: 41, 71, 147 country sarsaparilla (anantā)

- Hemidesmus indicus, (L.) R. Br. See ADPS: 434, AVS: 3, 141–5, NK: 1, #1210. But see GVDB: 13 for complications that may suggest that it is to be equated with $s\bar{a}riv\bar{a}$, which may sometimes be Cryptolepis or Ichnocarpus fruitescens R. Rr. (GVDB: 429-431): 41, 91, 101, 102, 106
- crape jasmine (nata) \rightarrow crape jasmine GVDB: 215: 156, 157
- crape jasmine (*tagara*) Tabernaemontana divaricata (L.) R.Br. ex Roem. & Schultes. See GJM1: 557, AVS: 5, 232. Synonym of crape jasmine. But some say Valeriana jatamansi, Jones See GVDB: 173–174 for discussion (and charming comments on brain liquid testing). Some say *tagara* is Indian rose-bay or Indian valerian, but there remain many historical questions about the ancient and regional identities of this plant See, e.g., AVS: 5, 334: 66, 72, 84, 102, 156, 157
- crimson trumpet-flower tree (*pāṭalā*)
 Stereospermum chelonides, (L. f.) A.
 DC. See GJM1: 573, AVS: 5, 192 ff,
 ADPS: 362 f, AVS: 3, 1848 f, IGP 1120,
 Dymock: 3, 20 ff: 106
- cuscus grass (*uśīra*) Andropogon murcatus, Retz. Also "vetiver grass." See NK: 1, #180:84
- datura (*dhattūra*) Datura metel, L. See AVS: 2, 305 (cf. *Abhidhānamañjarī*), NK: 1, #796 ff. Potter_{rev}: 292 f, ADPS: 132: 38
- deodar (*bhadradāru*) Cedrus deodara, (Roxb.ex D.Don) G. Don. See AVS 41, NK: 1, #516: 32, 70, 102
- deodar (*devadāru*) Cedrus deodara (Roxb.) Loud. GVDB: 206–207: 72, 147
- dried ginger (śunṭhī) Zingiber officinale, Roscoe. See ADPS: 50, NK: 1, #2658, AVS: 5, 435, IGP: 1232: 70
- dried meat (*vallūra*) MW: 929, AyMahā: 1,730. The term is used,

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rarely, in both the CS (1.5.10) and SS
                                                   Chopra: 100: 106
   (1.13. 16, 6.42.75–76). It is a Dravidian
                                                giant potato (ks\bar{\imath}ravid\bar{a}r\bar{\imath}) possibly \rightarrow
   loanword and occurs in the Arthaśāstra
                                                  kṣīraśukla. Ipmoea mauritiana, Jacq. See
   etc. (KEWA: 3, 167): 23
                                                   ADPS: 510, AVS: 3, 222, AVS: 3, 1717 ff:
drum-giver (?) (lambaradā) Unknown; cf.
                                                   71, 158–160
   GVDB: 348: 91
                                                ginger (mahausadha) Zingiber officinale,
elixir salve (ras\bar{a}\tilde{n}jana) \rightarrow a\tilde{n}jana. See
                                                  Roscoe. See ADPS: 50, NK: 1, #2658,
   Indian barberry: 32, 42
                                                  IGP: 1232:87
embelia (vidanga) Embelia ribes, Burm. f.
                                                gold (hema) gold: 102
   See ADPS: 507, AVS: 2, 368, NK: 1,
                                                gold and sarsaparilla (surendragopa)
   #929, Potter<sub>rev</sub>: 113: 32, 66, 102
                                                   Unknown. Dalhana on 5.3.15
emetic nut (karaghāta) Probably a
                                                   (Su 1938: 568) glossed surendra as
   synonym for karahāṭa (emetic nut), q.v.,
                                                   "gold" and gopā as "Indian
                                                   sarsaparilla." He also noted other
   GVDB: 74: 157
emetic nut (karahāta) Randia dumetorum,
                                                   opinions that surendra was "Tellicherry
   Lamk. See GVDB: 291-292 and NK: 1,
                                                  bark": 106
   #2091. T. B. Singh and Chunekar
                                                golden shower tree (rājadruma) rājadruma
   (GVDB: 74, 77–78) noted that it may be
                                                   = āragvadha. Cassia fistula L. See
   a synonym for karaghāṭa, emetic nut,
                                                   GVDB 37:106
   and pointed rather to Gardenia turgida
                                                gourd (alābu) Lagenaria siceraria Standl.
   Roxb. on the basis of local knowledge
                                                   GVDB: 25. Some say Lagenaria
   in U. P.: 156, 158
                                                   vulgaris, Seringe (NK: 1, #1419) but
emetic nut (madana) Randia dumetorum,
                                                   this is not appropriate for
   Lamk. See NK: 1, #2091: 82, 149
                                                   blood-letting: 19, 20, 82
false daisy (subhangurā) (su)bhangura =
                                                green gram (māsa) Vigna radiata (L.) R.
   bhrnga? Eclipta prostrata (L.) L. See
                                                   Wilcz. See ADPS: 296, IGP 1204: 32,
   GVDB: 288 : 90
                                                   71, 148
fermented rice-water (dh\bar{a}ny\bar{a}mla) \rightarrow k\bar{a}\tilde{n}j\bar{\imath},
                                                hare foot uraria (pr\acute{s}niparn\bar{\iota}) \rightarrow sahā?
   kāñjikā, sauvīra. GVDB: 458, NK: 2,
                                                   Uraria lagopoides, DC. See GJM1: 577,
                                                   Dymock: 1, 426, AVS: 1, 750 ff, NK: 1,
   appendix VI, #18: 39, 40
                                                  #2542; ADPS: 382, AVS: 2, 319 and
fern (ajaruhā) Nephrodium species
   GVDB: 7, uncertain. Perhbaps
                                                   AVS: 4, 366 are confusing: 70, 71
   Christella dentata(Forssk.) Brownsey
                                                heart-leaf sida (balā) Sida cordifolia, Linn.
   & Jermy, which is reported to have folk
                                                  See ADPS: 71, NK: 1, #2297: 41, 71,
   applications against skin diseases in
                                                   102, 147
   India: 86
                                                heart-leaved moonseed (amrtavalli) See
fire-flame bush (dhātakī) Woodfordia
                                                   heart-leaved moonseed (amrtā): 147
   fruticosa (L.) Kurz. See AVS: 5, 412,
                                                heart-leaved moonseed (amrt\bar{a}) \rightarrow gud\bar{u}c\bar{\iota}.
   NK: 1, #2626:83
                                                   Tinospora cordifolia, (Willd.) Hook.f.
flax (atasī) Linum usitatissimum, L. See
                                                   & Thoms.? See ADPS: 38, NK: 1, #2472,
   NK#1495:71
                                                   624, Dastur #229: 84, 100, 157
fragrant lotus (saugandhika) A type of
                                                heart-leaved moonseed (somavallī)
   kumuda or utpala (GVDB: 457) : 23
                                                   Tinospora cordifolia (Thunb.) Miers.
garjan oil tree (aśvakarṇa) Dipterocarpus
                                                   GVDB: 456. Likely, but uncertain: 84
   turbinatus Gaertn. f. See GVDB: 28,
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henna (*madayantikā*) Lawsonia inermis, L.

See AVS: 3, 303, NK: 1, #1448, Potter_{rev}: 151: 85 Himalayan mayapple (vakra) Podophyllum emodi, Wall. (NK: #1971). But perhaps a synonm of crape jasmine and crape jasmine (GVDB: 354): 107 Himalayan monkshood ($ativis\bar{a}$) $\rightarrow vis\bar{a}$ Aconitum heterophyllum Wall. GVDB: 12, NK: 1, #39. Also "atis roots": 63, 85, 87, 107 Himalayan monkshood ($vis\bar{a}$) $\rightarrow ativis\bar{a}$ GVDB: 12, 373: 160 hogweed (punarnavā) Boerhaavia diffusa, L. See ADPS: 387, AVS: 1, 281, NK: 1, #363:85,101 Holostemma creeper $(j\bar{\imath}vant\bar{\imath}) \rightarrow$ sūryavallī? Holostemma ada-kodien, Schultes. See ADPS: 195, AVS: 3, 167, 169, NK: 1, #1242: 159 honey (ksaudra) Eight varieties of honey are described in the SS (NK: 2, Appendix 192). *Ksaudra* is the product of a small bee of tawny colour, called ksudra: 87 horned pondweed (śaivāla) also śaivāla, śevāra. Zannichellia palustris L. The uncertainties of this identification are discussed by T. B. Singh and Chunekar (GVDB: 409). Sometimes identified with scutch grass $(d\bar{u}rv\bar{a})$ (GVDB: 409). Identified as Ceratophyllum demersum Linn. ("hornwort") by AVS: 2, 56–57x: 158, 160 hornwort (jalaśūka) $\rightarrow jalanīlikā$. Ceratophyllum demersum, L. See AVS: 2, 56, IGP: 232. T. B. Singh and Chunekar (GVDB: 166) suggest horned pondweed. Dalhana noted on 1.16.19 (Su 1938: 79) that some people interpret it as a poisonous, hairy, air-breathing, underwater creature: 41

horseradish tree (*śigru*) Moringa oleifera Lam. See IGP 759, GJM1: 603,

Dymock: 1, 396: 72

- Indian barberry (añjana) → rasāñjana, dāruharidrā. Berberis aristata, DC. Dymock: 1, 65, NK: 1, #335, GJM1: 562, IGP: 141: 42, 85, 156
- Indian barberry (*dāruharidrā*) Berberis aristata, DC. See Dymock: 1, 65, NK: 1, #685, GJM1: 562, IGP 141: 101, 102
- Indian barberry ($k\bar{a}l\bar{i}yaka$) $\rightarrow d\bar{a}ruharidr\bar{a}$, $a\tilde{n}jana$. Berberis aristata, DC. See Dymock: 1, 65, NK: 1, #685, GJM1: 562, IGP: 141: 84
- Indian beech (*naktamāla*) Pongamia pinnata, (L.) Pierre. See AVS: 4, 339, NK: 1, #2003: 32, 68
- Indian ipecac (*payasyā*) Uncertain.

 Possibly Tylophora indica (Burm.f.)

 Merr. Perhaps a synonym of panacea
 twiner, giant potato, purple roscoea,
 and plants like asthma plant and Gulf
 sandmat (GVDB: 237–238). Also
 "curds" when not a plant: 41, 159
- Indian kudzu (*vidārī*) → *payasyā*. Pueraria tuberosa (Willd.) DC. See ADPS: 510, AVS: 1, 792 f, AVS: 4, 391; not Dymock: 1, 424 f. See GJM2: 444, 451, AVS: 1, 187, but AVS: 3, 1719 = Ipmoea mauritiana, Jacq: 41
- Indian madder (*mañjiṣṭhā*) Rubia cordifolia, L. See IGP, Chopra: 215, GVDB: 289: 37, 102
- Indian mottled eel (varmimatsya) Almost certainly the mottled eel. MW: 962c noted that the varmi fish "is commonly called vāmi." The "vam fish," or "বান মাছ (bān māch)" in Bengal, is a marine and freshwater eel, Anguilla bengalensis. It is the most common eel in Indian inland waters and a prized food fish (Froese and Pauly 2022). However, some NIA languages identify the "vam" fish with the Indian Pike Conger, Congresox talabonides (Bleeker) (Talwar and Kacker 1984: 235, 236): 21
- Indian mustard (*sarṣapa*) Brassica juncea, Czern. & Coss. See AVS: 1, 301, NK: 1,

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#378:24
                                                  Roxb. See GJM1: 597, ADPS: 279 f,
                                                  NK: 1, #2420. T. B. Singh and
Indian sarsaparilla (s\bar{a}riv\bar{a}) \rightarrow anant\bar{a}.
   Hemidesmus indicus, (L.) R. Br.
                                                  Chunekar (GVDB: 351–352) notes that
                                                  there are two varieties, S. racemosa,
   ADPS: 434, AVS: 3, 141–5, NK: 1, #1210;
                                                  qualified as śāvara, and S. crataegoides
   and black creeper, pālindī. Ichnocarpus
   frutescens, (L.) R.Br. or Cryptolepis
                                                  Buch.-Ham. for pattikā lodhra: 32, 102
   buchanani, Roemer & Schultes
                                               long pepper (māgadha) Piper longum, L.
   AVS: 3, 141, 3.145, 3.203, NK: 1, #1283,
                                                  See NK: 1, #1928; but cf. AVS: 3, 245: 86
   1210, ADPS: 434: 101, 102, 157
                                               long pepper (pippalī) Piper longum, L. See
Indian snakeroot (sarpagandhā) Rauvolfia
                                                  ADPS: 374, NK: 1, #1928: 68, 87,
   serpentina, (L.) Benth. ex Kurz. See
                                                  102, 147
   NK: 1, #2099, ADPS: 439, GVDB: 425;
                                               luffa (kos\bar{\imath}tak\bar{\imath}) = kos\bar{\imath}tak\bar{\imath}. Luffa cylindrica,
   cf. SS 5.5.76-78: 160
                                                  (L.) M. J. Roem. or L. acutangula, (L.)
Indrajao (vrksaka) \rightarrow indrayava, indrabīja,
                                                  Roxb. ADPS: 252–253, NK: 1, #1514 etc.
   kalinga, and kutaja. Holarrhena
                                                  GVDB: 121: 82, 100, 159
   antidysenterica Wall. GVDB: 376, 45
                                               luffa gourd (kośavat\bar{\imath}) = kos\bar{\imath}tak\bar{\imath}, luffa : 100
   and 84: 147
                                               maidenhair fern (hamsāhvayā) Adiantum
jambul (jambū) Syzygium cumini, (L.)
                                                  lunaluatum Burm f. GVDB: 463: 147
   Skeels. See ADPS: 188, NK: 1, #967,
                                               mango (āmra) Mangifera indica Linn.
   Potter<sub>rev</sub>: 168, Wujastyk 2003a: 83
                                                  GVDB: 37:83
jasmine (mālatī) Jasminium grandiflorum,
                                               marking-nut tree (aruskara) Semecarpus
   L. See NK: 1, #1364:84
                                                  anacardium L. See bhallātaka
jequirity (guñjā) Abrus precatorius, L. See
                                                   (marking-nut tree): 91
   AVS: 1, 10, NK: 1, #6, Potter<sub>rev</sub>: 168:
                                               marking-nut tree (bhallātaka) Semecarpus
   90, 91
                                                  anacarium, L. See NK: 1, #2269,
(?) (karatā) Not in GVDB. Cf. perhaps
                                                  AVS: 5, 98: 68, 86, 159
   karahāṭa (emetic nut): 91
                                               medhshingi (vijayā2) Dolichandrone
lac (lākṣā) Kerria lacca (Kerr.). See
                                                  falcata (DC.) The Sauśrutanighantu
   GJM1: 445, NK: 2, #32. Watt
                                                  gives a number of synonyms for vijayā
   (Watt_{Comm}: 1053–1066) is
                                                   (Suvedī and Tīvārī 2000: 5.77, 10.143).
   characteristically informative, and is
                                                  But one of them, visānī (also
   definite about the antiquity of lac in
                                                  meṣaśrṅgī), is sometimes equated with
   India: 107
                                                  Dolichandrone falcata (DC.) Seemann
leadwort (citraka) Plumbago zeylanica (or
                                                  (ADPS: 518; GVDB: 373 f, a plant used
   indica?), L. See RĀ. 6.124, ADPS: 119,
                                                  as an abortifacient and fish poison
   NK: 1, #1966, 1967: 32, 63, 68
                                                  (NK: #862): 91
liquorice (?) (klītaka) Glycyrrhiza glabra,
                                               migraine tree (agnimantha) Premna
   L.? GVDB: 123–124 discuss the many
                                                  corymbosa, Rottl. See AVS 1927,
   difficulties in identifying this plant: 90
                                                  ADPS: 21, NK: 1, #2025, AVS: 4, 348;
liquorice (madhuka) see yaṣṭīmadhuka: 41,
                                                  GJM1: 523: = P. integrifolia/serratifolia,
   70, 71, 87, 100, 102
                                                  L:100
liquorice (yastīmadhuka) Glycyrrhiza
                                               milk-white (ksīraśuklā) An unidentified
   glabra, L. AVS: 3, 84, NK: 1, #1136,
                                                  plant. GVDB: 126: see purple roscoea
   GVDB: 329 f.: 42
                                                  and giant potato: 41, 160
lodh tree (lodhra) Symplocos racemosa,
                                               mongoose (nakula) nakula. Urva
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edwardsii or the often sympatric U. auropunctatus (small Indian mongoose, usually an eater of smaller creatures than snakes) (BIA: ch. 5), On mongooses and snakes, see BIA: 98-99; IW: 112:87 monitor lizard (godhā) Varanus bengalensis, Schneider. See Reptiles: 58: 41, 87 mung beans (mudga) Phaseolus radiatus L. GVDB: 310-311: 71, 128 mung beans (māsaka) Phaseolus mungo Linn. GVDB: 308:83 myrobalan (abhayā) Terminalia chebula, Retz. See ADPS: 172, NK: 1, #2451, Potter_{rev}: 214: 63, 100, 107 natron (suvarcikā) Sodium carbonate. NK: 2, #45. Dalhana identifies suvarcikā with svarjikṣāra 4.8.50 (Su 1938: 441): 102 neem tree (*nimba*) Azadirachta indica A. Juss. GVDB: 226: 37, 147 nutgrass (kuruvinda) Unknown. Dalhana on 5.3.15 (Su 1938: 568) glossed the term as nutgrass, but noted other opinions that it was a whetstone or a very special metallic gem. T. B. Singh and Chunekar (GVDB: 108) added that it could be a variety of rice, sastika *dhānya* : 106 nutgrass (*mustā*) Cyperus rotundus, L. See ADPS: 316, AVS: 2, 296, NK: 1, #782:159 panacea twiner $(arkapusp\bar{\imath}) \rightarrow arkaparn\bar{\imath}$, Tylophora indica (Burm. f.) Merr. GVDB: 23-24. Maybe identical to Indian ipecac, giant potato and similar sweet, milky plants. See GVDB: 24, 127, 238, 441, 443 for discussion. For discussion in the context of Holostemma creeper, see ADPS: 195

and AVS: 3, 171. The etymology of the

name suggests Helianthus annus Linn.,

but this plant is native to the Americas:

100, 158

peas (harenu) harenu = satīna. Pisum sativum, L. T. B. Singh and Chunekar (GVDB: 419–420, 467–468) notes that two plants are usually meant under this name, but there is no agreement on the identity of the second: 72, 101, 102, 107 peepul tree (aśvattha) Ficus religiosa, L. See ADPS: 63: 109 periploca of the woods (mesaśrnga) Gymnema sylvestre (Retz.) R. Br. See AVS: 3, 107, NK: 1, #1173: 86 plants like asthma plant and Gulf sandmat (kṣīriṇī) various milky plants, perhaps including Euphorbia hirta Linn. (asthma plant) and E. microphylla Heyne (Gulf sandmat) (GVDB: 127): 158 plumed cockscomb (indīvara) Uncertain; possibly Celosia argentea Linn. But see the useful discussion in GVDB: 44-45. Possibly another name for thorn apple (*karambha*), q.v.: 161 pointed gourd (patola) Trichosanthes dioica, Roxb. GVDB: 232-233: 100 poison berry (*bṛhatī*) Solanum violaceum, Ortega. See ADPS: 100, NK: 1, #2329, AVS: 5, 151: 68, 101, 102 poison-altar (?) (viṣavedikā) Unknown. Possibly, at a guess, visamustika (strychnine tree)? GVDB: 373 Or viṣā (Himalayan monkshood): 91 pondweed (paripelavā) Normally a neuter noun. T. B. Singh and Chunekar (GVDB: 238, 264-265, 409) argued that plava and śaivāla are the same thing, and may be either Zannichellia palustris, L., or Potamogeton pectinatus, L: 102 pondweed (śevāla) Zannichellia palustris L. See horned pondweed: 23 prickly chaff-flower (apāmārga) Achyranthes aspera, L. See GJM1: 524 f, AVS: 1, 39, ADPS: 44 f, AVS: 3, 2066 f, Dymock: 3, 135: 37, 41, 71 purging nut (mūṣikā) Jatropha curcas, L.

See AVS: 3, 261, NK: 1, #1374:86

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purple calotropis (arka) Calotropis
                                              scutch grass (dūrvā) Cynodon dactylon
   gigantea, (L.) R. Br. See ADPS: 52,
   AVS: 1, 341, NK: 1, #427, Potter<sub>rev</sub>: 57,
   Chopra IDG: 305–308: 32, 41, 68
purple roscoea (kṣīrakākolī) GVDB: 89
   notes that many physicians use Roscoea
   procera Wall. in this context. But the
  identification is uncertain. Possibly
   connected to milk-white or giant
   potato: 71, 158, 159
rajmahal hemp (morata) \rightarrow m\bar{u}rv\bar{\iota},
   Marsdenia tenacissima (Roxb.) Wight
   et Arn. Good discussion at
   GVDB: 314–316, 324: 100
red chalk (gairika) gairika: 102
red gourd (bimbī) Coccinia indica, W. &
   A. See PVS 1994.4.715; NK: 1, #534:82
rice grains (tandula) Oriza sativa, Linn.
   Same as unhusked rice (śāli)
   GVDB: 174; or just "grains": 24
rice-grain chaff (śālitandulakāndana) See
   chaff: 24
rock salt (saindhava) See NK: 2, M#48,
   Watt<sub>Comm</sub>: 963–971: 24
rosha grass (dhyāmaka) Cymbopogon
   martinii (Roxb.) Wats. See AVS: 2, 285,
   NK: 1, #177:102
sacred grass (kuśa) Desmostachya
   bipinnata, Stapf. See AVS: 2, 326, Kew:
sacred lotus (padma) Nelumbo nucifera,
   Gaertn. See NK: 1, #1698: 23, 84
sage-leaved alangium (ankolla) Alangium
   salvifolium (Linn. f.) Wang.
   GVDB: 5-6:83
sandalwood (candana) Santalum album,
   L. See ADPS: 111, NK: 1, #2217: 102
sappanwood (pattānga) Also pattanga.
   Caesalpinia sappan, L. AVS: 1, 323,
   K&B: 2,847 f, GVDB: 234:42
scarlet mallow (bandhujīva) Pentapetes
  phoenicea, L. NK: #1836, GVDB: 268: 85
scented pavonia (bālaka) Pavonia odorata,
   Willd. See ADPS: 498, NK: 1, #1822:
   102
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(Linn.) Pers. (GVDB: 205): 157
selu plum (śelu) Cordia myxa, L. non
   Forssk. See GJM1: 529 (2), IGP: 291b, cf.
   AVS: 3, 1677 f; cf. AVS: 2, 180 (C.
   dichotoma, Forst.f.), NK: 1, #672 (C.
  latifolia, Roxb.): 100
sesame oil (taila) Sesamum indicum L.
   GVDB: 183: 41
siris (śirīṣa) Albizia lebbeck, Benth. See
   AVS: 1, 81, NK: 1, #91: 100
siris seeds (śirīsamāsaka) Albizia lebbeck,
   Benth. See AVS: 1, 81, NK: 1, #91: 83
small-flowered crape myrtle (sidhraka)
   Lagerstroemia parviflora Roxb. See
   GVDB: 432: 106
snakeroot (sugandh\bar{a}) \rightarrow sarpagandh\bar{a}
   Rauvolfia serpentina Benth. ex. Kurz.
   See Indian snakeroot. But may be
   Aristolochia indica Linn. Has been
  identified with ??, or ??. See
   (GVDB: 219, 436): 90
spikenard (māṃsī) Nardostachys
   grandiflora, DC. See NK: 1, #1691: 102
spikenard (nalada) \rightarrow māmsī.
  Nardostachys grandiflora, DC. See
   NK: 1, #1691:81
strychnine tree (viṣamuṣṭika) Strychnos
   nux vomica Linn. GVDB: 373: 160
sugar (sitā) Dalhaṇa makes this equation
   at 1.37.25 (Su 1938: 162): 102
sugar (śarkara) Saccharum officinarum,
   Linn. NK: #2182:87
sugar cane (iksu) Saccharum officinarum,
   Linn. NK: #2182: 87
sunflower (s\bar{u}ryavall\bar{\iota}) \rightarrow \bar{a}dityavall\bar{\iota},
  sūryamukhī, Helianthus annūs Linn.
   GVDB: 35, 443: 100
sweet plants (madhuravarga) The sweet
   plants are enumerated at
   Suśrutasaṃhitā 1.42.11. See also
   GVDB: 127: 41
sweet-scented oleander (aśvamāraka)
  Nerium oleander, L. See ADPS: 223,
   NK: 1, #1709:90
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pubescens Wall. ex G.Don, with Wrightia tinctoria and W. arborea considered GVDB: 101-102, ADPS: 267–270: 68, 157 thorn apple (karambha) Datura metel, L. See GVDB: 76 for useful discussion. Also, AVS: 2, 305 (cf. Abhidhānamañjarī), NK: 1, #796 ff. Potter_{rev}: 292 f, ADPS: 132. Possibly the same plant as plumed cockscomb (indīvara) (GVDB: 76, 44-45): 91, 160 three heating spices (tryūṣana) śunthī (Dried ginger) Zingiber officinale, Roscoe. ADPS: 50, NK: 1, #2658, AVS: 5, 435, IGP 1232, pippalī (long pepper) Piper longum, L.ADPS: 374, NK: 1, #1928, and marica (black pepper) Piper nigrum, L.ADPS: 294, NK: 1, #1929: 101 three-leaved caper (varuna) Crataeva magna (Lour.) DC. See AVS: 2, 202; cf. NK: 1, #696:86 top layer of fermented liquor (surāmaṇḍa) K&B: 2, 502, NK: 2, appendix VI, #49, McHugh 2021: 39: 39, 40 tree cotton (kārpāsa) G. arboreum L. ADPS: 231. Pace the identifications of T. B. Singh and Chunekar (GVDB: 92, 247), since G. barbadense L. is native to South America and G. herbaceum L. which is native to Africa: 38, 161 tree cotton (picu) See tree cotton (*kārpāsa*): 40, 42 turmeric (haridrā) Curcuma longa Linn. GVDB: 465: 101, 107 turmeric (rajanī) Curcuma longa, L. ADPS: 169, AVS: 2, 259, NK: 1, #750: 24, 102 turpeth $(trivrt) \rightarrow trvrt\bar{a}$. Operculina turpethum (Linn.) Silva Manso = Ipmoea turpethum R. Br. GVDB: 197.: 66, 87, 149, 155 unhusked rice (śāli) Oriza sativa, Linn. GVDB: 395-396: 24, 160

Tellicherry bark (kuṭaja) Holarrhena

velvet-leaf (pāṭhā) Cissampelos pariera, L. See ADPS: 366, NK: 1, #592, GJM1: 573, AVS: 1, 95; cf. AVS: 2, 277: 32, 63, 100 velvet-mite (*indragopa*) Kerria lacca (Kerr.). Lienhard 1978:82 verbena (phañjī) Clerodendrum serratum, L. See AVS: 2, 121, ADPS: 87:85 watered buttermilk (udaśvit) MW: 183: 82 weaver's beam tree (muskaka) Schrebera swietenioides, Roxb. See AVS: 5, 88, Lord, NK: 1, #2246: 68, 106 white babool (arimeda) Acacia leucophloea, (Roxb.) Willd. See AVS: 1, 23: 32 white calotropis (alarka) Calotropis procera, (Ait.) R. Br. See NK: 1, #428, Chopra: 46b, Chopra IDG: 305–308: 41 white clitoria ($\acute{s}vet\bar{a}$) $\rightarrow giry\bar{a}hv\bar{a}$. Clitoria ternatea, L. See AVS: 2, 129, NK: 1, #621:84 white cutch tree (somavalka) Acacia polyacantha, Willd. See AVS: 1, 30, IGP 7, GJM1: 602, AVS: 2, 935; pace NK: 1, #1038:85, 106 white dammer tree (sarja) Vateria indica, L. See NK: 1, #2571, AVS: 5, 349 f, AVS: 1, 292 f, Chopra: 253a: 32 white siris (kiṇihī) Albizia procera, (Roxb.) Benth. See GVDB 98, NK: 1, #93:101 white water-lily (kumuda) Nymphaea alba, Linn. GVDB: 105: 23 wild asparagus ($bahuputr\bar{a}$) \rightarrow nandana? Asparagus racemosus, Willd. See further wild asparagus (śatāvarī): 85 wild asparagus (śatāvarī) Asparagus racemosus, Willd. See ADPS: 441, AVS: 1, 218, NK: 1, #264, IGP: 103, AVS: 4, 249 ff, Dymock: 3, 482 ff: 70, 71, 128, 161 wild celery (agnika) \rightarrow may be $bhal\bar{a}taka$, lāngalī, ajamodā, morata, or agnimantha, GVDB: 4. Uncertain: 100 wild celery (ajamodā) Apium graveolens,

L.: 100

Withania (aśvagandhā) Withania somnifera (L.) Dunal. See AVS: 5, 409 f, Dymock: 2, 566 f., Chevallier 150: 41, 67 wolfsbane (vatsanābha) Aconitum napellus, L. See AVS: 1, 47, NK: 1, #42, Potter_{rev}: 4 f. Or Aconitum chasmanthum Stapf ex Holmes, GVDB: 357: 155

wood apple (*kapittha*) Limonia acidissima, L. See AVS: 3, 327, NK: 1, #1021: 84, 86 woodrose (*mūṣikakarṇī*) Jatopha curcas, L. AVS: 3, 261, NK: 1, #1374. GVDB: 317; ADPS: 23–25 discuss this issue well: 84 yellow-berried nightshade (*kṣudrā*) Solanum virginianum, L. See ADPS: 100, NK: 1, #2329, AVS: 5, 164: 101, 102

Glossary

ādarśamandala (the gavedhuka (the mahāpanasaka (the big gavedhuka): 121 mirror ring): 121 jackfruit): 121 agnika (the flame): 122 girisarpa (the mountain mahāsarpa (the great ahipatāka (thei snake snake): 121 snake): 121 mahāśīrṣa (the big flag): 122 gonasa (cow snout): 123 ajagara (the goat head): 121 hastābharanaka (the swallower): 122 *mākuli* (mākuli): 123 hand decoration): mākuli (*mākuli*): 123 alagarda (the hungry 122 sting): 121 *mākuli* (mākuli): 123 mākuli (*mākuli*): 123 *angulirāji* (the finger ilikinī (the ilikinī): 122 stripe): 122 nirvisa (without apuspa (the grass jyotīratha (the chariot of venom): 118 flower): 121 light): 122 oil stripe (*snigdharāji*): babhru (the brown): 122 kalpa (procedure): 117 babhrūkutīmukha (the kardama (the mud): 122 oily stripe (*snigdharāji*): brown hut mouth): kaṣāya (the ochre): 122 khaluşa (the khaluşa): ophidian (sarpita): 118 bindurāji (the drop padma (the lotus): 121 stripe): 122 khandaphana (the break pālindaka (the morning hood): 121 glory): 121 *cakraka* (the ringed): kikkisāda (the worm panasaka (the jackfruit): eater): 122 citraka (the mark): 122 kṛṣṇasarpa (the black pārāvata (the pigeon): cow snout (gonasa): 123 snake): 121 cuñcumālaka (little ring 122 kṛṣṇodara (the black parisarpa (the snake of spots): 119 belly): 121 around): 121 kṣīrikāpuṣpa (the milk dadhimukha (the curd pilindaka (the flower): 122 pilindaka): 121 mouth): 121 kūkuṭa (the kūkuṭa): 121 darbhapuspa (the grass poṭa throat (poṭagala): flower): 122 little ring of spots darita (torn): 118f poṭagala (poṭa throat): (cuñcumālaka): 119 devadinna (the gift of lohitākṣa (the red eye): procedure (kalpa): 117 god): 121 *pṛṣata* (the speckled): dīpyaka (the madanaka (the stimulator): 122 puṇḍarīka (the lotus): intoxicator): 121 dvyāhika (the two-day): mahākapota (the big pundarīkamukha (the dvyangulirāji (the two pigeon): 121 mahākṛṣṇa (the big lotus mouth): 121 finger stripe): 122 puṣpābhikīrṇnābha (the black): 121 mahāpadma (the great flower sprinkle eṇīpada (the deer foot): lotus): 121 beauty): 121 122

puṣpapāṇḍu (the pale as	the big black	the grass drier
a flower): 122	(mahākṛṣṇa): 121	(tṛṇaśoṣaka): 122
puṣpasakalī (the flower	the big cow snout	the grass flower
all): 122	(vṛddhagonasa): 121	(apuṣpa): 1 2 1
	the big head	the grass flower
<i>rājicitra</i> (the stripe	(mahāśīrṣa): 121	(darbhapuṣpa): 122
speckle): 122	the big jackfruit	the great lotus
raktamaṇḍala (the red	(mahāpanasaka): 121	(mahāpadma): 121
ring): 121	the big pigeon	the great snake
rjusarpa (the straight	(mahākapota): 121	(mahāsarpa): 121
snake): 121	the black belly	the hand decoration
	(kṛṣṇodara): 121	(hastābharaṇaka):
ṣaḍaṅga (the six part):	the black snake	122
122	(kṛṣṇasarpa): 121	the hungry sting
śaṃkhapāla (the conch	the break hood	(alagarda): 121
keeper): 121	(khaṇḍaphaṇa): 121	the ilikinī (<i>ilikinī</i>): 122
sarpita (serpented): 118	the brown (babhru): 122	the intoxicator
sarpita (ophidian): 118	the brown hut mouth	(madanaka): 121
sarvakṛṣṇa (the all		
black): 121	(babhrūkuṭīmukha):	the jackfruit (panasaka):
serpented (sarpita): 118	121	121
śiśuka (the kid): 121	the chariot of light	the khaluṣa (<i>khaluṣa</i>):
snigdharāji (oil stripe):	(jyotīratha): 122	122
123	the conch keeper	the kid (śiśuka): 121
snigdharāji (oily stripe):	(śaṃkhapāla): 121	the kūkuṭa (kūkuṭa): 121
123	the curd mouth	the little tree (<i>vṛkṣaka</i>):
successive shocks	(dadhimukha): 121	122
(vega): 117	the deer foot (eṇīpada):	the lotus (padma): 121
śukapatra (the white	122	the lotus (puṇḍarīka):
leaf): 122	the drop stripe	122
śvetadara (the white	(bindurāji): 122	the lotus mouth
rip): 121	the finger stripe	(puṇḍarīkamukha):
svetahanu (the white	(aṅgulirāji): 122	121
jaw): 122	the flame (agnika): 122	the mark (<i>citraka</i>): 122
śvetakapota (the white	the flower all	the milk flower
pigeon): 121	(puṣpasakalī): 122	(kṣīrikāpuṣpa): 122
śvetamaṇḍala (the white	the flower sprinkle	the mirror ring
ring): 121	beauty	(ādarśamaṇḍala): 121
8/	(puṣpābhikīrṇnābha):	the morning glory
tantuka (the stretch):	121	(pālindaka): 121
122	the gavedhuka	the mountain snake
tatra (the tatra): 122	(gavedhuka): 121	(girisarpa): 121
the all black	the gift of god	the mud (kardama): 122
(sarvakṛṣṇa): 121	(devadinna): 121	the ochre (<i>kaṣāya</i>): 122
the bamboo leaf	the goat swallower	the pale as a flower
(veṇupatraka): 121	(ajagara): 122	(puṣpapāṇḍu): 122
. , , , , , , , , , , , , , , , , , , ,	() ()	VI -1 1

the pigeon (pārāvata):	122	(varṣāhīka): 122
122	the stripe speckle	thei snake flag
the pilindaka	(rājicitrā): 122	(ahipatāka): 122
(pilindaka): 121	the tatra (tatra): 122	torn (darita): 118f
the rain cloud	the two finger stripe	tṛṇaśoṣaka (the grass
(valāhako): 121f	(dvyaṅgulirāji): 122	drier): 122
the red eye (lohitākṣa):	the two-day (<i>dvyāhika</i>):	1-1 1 (.1
121f	122	valāhako (the rain
the red ring	the variegated (vicitra):	cloud): 121f
(raktamaṇḍala): 121	121	varṣāhīka (the
the ringed (cakraka):	the white jaw	year-snake): 122 vega (successive
122	(svetahanu): 122	shocks): 117
the six part (ṣaḍaṅga):	the white leaf	venupatraka (the
122	(śukapatra): 122	bamboo leaf): 121
the snake around	the white pigeon	vicitra (the variegated):
(parisarpa): 121	(śvetakapota): 121	121
the speckled (<i>pṛṣata</i>):	the white ring	vṛddhagonasa (the big
121	(śvetamaṇḍala): 121	cow snout): 121
the stimulator	the white rip	vrkṣaka (the little tree):
(dīpyaka): 122	(śvetadara): 121	122
the straight snake	the worm eater	
(ṛjusarpa): 121	(kikkisāda): 122	without venom
the stretch (tantuka):	the year-snake	(nirvișa): 118

Todo list

Can't be "sedation"	33
This is a change we should make in the edition	63
You need not give all the grammatical details about śrotādi. As-	
sume you are talking to knowledgeable Sanskrit scholars	64
Perhaps kalka here could also mean the Terminalia Bellerica (विभीतक).	66
Euphorbia Antiquorum (Antique spurge)	68
The webpage https://hindi.shabd.in/vairagya-shatakam-bhag-acharya-arjun-tiwari/post/117629 says that this verse belongs to the <i>Nītiratna</i> . I could not find this text	71
The provisional edition should be modified accordingly	73
	75 76
?	76 76
?	76 76
(?)	76 76
Cf. Arthaśāstra 1.21.8.	84
I'm still unhappy about this verse	87
Mention this in the introduction as an example of the scribe know-	07
ing the vulgate.	87
fn about sadyas+	87
Bear's bile instead of deer's bile	88
punarṇṇavā in the N & K MSS	89
śrita for śrta	89
explain more	89
Medical difference from Sharma	90
example where the vulgate clarifies that these should be used sep-	-
arately; appears to be a gloss inserted into the vulgate text	90

The two uses of prāpta are hard to translate. $prāptāh \rightarrow k$ sipram is
an example of the vulgate banalizing the Sanskrit text to make
sense of a difficult passage
$\sqrt{\text{vyadh not }\sqrt{\text{vedh (also elsewhere and for the ears)}}}$, causative
optative
-> ativișa
Look up the ca. reference
Come back to the issue of "kalpa". Look up passages in the Kośa. 107
write footnote: don't repeat ativiṣā; vulgate similar to H 111
material corresponds to SS.1.45.205ab, where it describes how al-
 cohol affects the body
Or "There are 20 phanins and 6 mandalins. The same number are
 known. There are 13 Rājīmats." Or even, "there are 20 Phaṇins
and six of them are Mandalins." Are phanins really the same as
darvīkaras?
grammar
ri- ṛ-?
varṇa means "colour" elsewhere?
vaiparītena, vaiparītyena
where is cutting with a knife related to removing bile or phlegm 128
maṣī burned charcoal. Find refs
find ref
Check out these refs
meaning of kalpa
or a dual?
Footnote here about who is speaking to whom
a kind of asthma?
Not happy with the last part
connecting with the previous pāda?
(atyartha? excessive?)
fordvādaśādikaḥ)? not clear to me, is it dvādaśādhikaḥ? 150
(any better medical terms for them?)
(since the word lagha is not clear to me)
(Not too happy with it.)
(not sure about it)
(Not in vulgate)
(I am looking for a better translation)
(I'd need to rework on it)

(I'd need to rework on it and think about the sequencing of the
number)
(āmadoṣa? Not too sure)
(2nd hemistich is incomplete)
(not too sure about the meaning of vyapada)
not so sure about sodāvarte
not so sure about it, MW mentions others like Cordia Myxa and
Alangium hexapetalum
not sure about it
(sāmāhāya- any better word?)
Not so happy with this translation
(Not happy with it)
(the second hemistich is incomplete)
can śṛta mean here boiled milk? Not happy with the last part 155
the rest of the text is unclear to me
(not so sure about it). [ghṛtābhyaṅgonavasthāsu should it be like
ghṛtābhyaṅgo 'navasthāsu?, svedā lepaḥ ghṛtābhyaṅgonavas-
thāsu ca yojayet] (Not so happy with the translation) 156
See also Dalhaṇa at 1.1.1 (Su 1938: 1)
See chapter 40 of Sūtrasthāna
vasā / medas / majjan
Does bhūtādi a compound or it means ahaṅkāra or ego? 162