

# A Translation of the Nepalese Text of the *Suśrutasamhitā*

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# **Sūtrasthāna**





**Nidānasthāna**



# Śārīrasthāna



# Śārīrasthāna 2: On Semen and Menstrual Fluid

## Literature

Meulenbeld offered an annotated overview of this chapter and a bibliography of earlier scholarship to 2002.<sup>155</sup> Das (2003: chs 6–8) also studied topics of this chapter and in chapter 13 provided an overview of the conceptual background of ayurveda on the topics discussed in this chapter.

## Translation

- 1 We shall now explain the anatomy that is the purification of sperm (*śukra*) and blood (*śoṇita*).
- 3 Semen (*retas*)<sup>156</sup> is incompetent to produce offspring if it is [characterized by] wind, bile, phlegm, blood (*śoṇita*),<sup>157</sup> decomposition (*kuṇapa*), lumps (*granthi*),<sup>158</sup> stinking pus (*pūtipūya*), low volume (*kṣīṇa*), urine, or feces.

<sup>155</sup> [HIML](#): IA, 244–246.

<sup>156</sup> The Nepalese version has -रेतांसि “semen” (in the plural) as the subject of the sentence: “seeds are unable to produce offspring....” In the vulgate, -रेतसः is a masculine bahuvrīhi, making “men whose semen has...” the subject of the sentence.

<sup>157</sup> Note that the list begins with the four entities, wind, bile, phlegm and blood, perhaps hinting at a four-humour system (see Wujastyk 2000: 485–486).

<sup>158</sup> Modern Establishment Medicine (MEM) understands that normal ejaculate contains coagula which, however, dissolve after about half an hour. But coagula that do not dissolve may sometimes be a sign of an underlying disorder.

JG could you provide a standard citation reference for this information?



- 4 When the disfunction is caused by wind, there is a colour and a type of pain that typically goes with wind problems. If caused by bile the colour and the pain are typical of bile afflictions. If caused by phlegm the discoloration and suffering are characteristic for phlegm disease. And if caused by blood (*śoṇita*) there will be a coloration due to blood and a sensation of a bile affliction. Moreover, when caused by blood (*rakta*) there is the smell of decomposition (*kunāpa*).<sup>159</sup> Phlegm with wind causes the appearance of lumps, bile with blood (*śoṇita*) causes the appearance of foul-smelling pus (*pūtipūya*). Bile with wind (*māruta*) cause a weakening of semen. Humoral colligation (*sannipāta*) causes the smell of urine and feces.<sup>160</sup>

Cases of foul-smelling sperm, sperm with lumps, and when it reeks of pus are hard to treat.

However, when sperm contains urine or faeces there is no treatment.<sup>161</sup>

- 5 Moreover, seasonal blood (*ārtava*) too can become afflicted (*upasṛṣṭa*), seedless (*abīja*) because of the three humours, and blood as the fourth, taken individually, in pairs or triples or all together.<sup>162</sup>

This can also be known by means of the humour, colour and pain.

In these cases, that which displays decomposition (*kunāpa*), lumps and the putrid smell of pus is incurable (*asādhya*). And otherwise it is curable (*sādhya*).

Among these, the kind which shows decomposition, or coagula, or putrid pus is incurable. The other types, however, can be treated.

- 6 And there is a verse on this.

*An expert should overcome the first three of these sperm pathologies with special treatments such as unction and sweating, as well as by means of a urethral instillation (uttarabasti).<sup>163</sup>*

find out  
about ut-  
tarabasti

159 Note that the text mentions both शोणित and रक्त. This raises the question of whether the author considered these to be different, or whether it is an artefact of textual transmission.

160 The expression “humoral colligation,” translating सन्निपात, refers to the simultaneous disorder of three humors at the same time, a condition that is difficult to treat (see Wujastyk 2016: 38 *et passim*).

161 Note that the above characterizations presuppose the direct inspection of an ejaculate. The process of collection is not described in the sources in this chapter.

162 This translates the text of the oldest surviving witness, N, and the vulgate. But MS H, that normally follows K very closely, has a negative particle, न, reversing the sense of

- 6a In that context, when the sperm is of the nature of wind, there is a tisane (*āsthāpana*) consisting of Bengal quince and Indian kudzu. One may use an oily preparation in the instillations, with well-cooked mahua, grey orchid, deodar, and chir pine. One can also make the patient drink clarified butter cooked with pomegranate, citron fruit, rock salt, a caustic (*kṣāra*), and two kinds of salt.
- 6b When the sperm is of the nature of bile, there is a tisane (*āsthāpana*) consisting of the cooked milky sap of Malay beechwood and liquorice with milk.

When sperm disfunction is due to bile issues, one can prescribe application of a preparation based on the milky juice of plants cooked with honey or else sharply tasting betel leaves in milk or curd.

One could apply also a salve of axlewood and sal into the vagina.

Or apply externally an oily preparation of well-cooked honey.

Of course that oily preparation could also be applied in the form of an enema.

One can also make him swallow a beverage of clarified butter finished with the "five roots": nightshade, betel, moonseed in honey, dog's tooth and sugarcane stalks.

- 6c If the sperm is afflicted because disturbances in phlegm, one can consider an oily ghee-based preparation with adstringent leaves of the golden shower tree.

The oil processed as a medicated decoction of long pepper, honey and false black pepper should be administered as an anointment but similarly also in the form of an enema.

One should try a solution of cooled-down clarified butter, compounded with the juice of basil, Indian gooseberry, long

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the sentence.

- 163 Dalhaṇa on 3.2.6 (Su 1938: 345) noted that "unction and sweating" indicates the "five treatments": वमन, विरेचन, अनिरूह, अनुवासन and उत्तरबस्ति. He noted that the explicit mention of urethral enema in the verse was for the purpose of highlighting its priority. However, a natural reading of the verse does not suggest that these distinctions were in the author's mind.

pepper and stone-breaker plant in case of kidney gravel disease.

6d Here are some more verses.

6e

7 In case the sperm shows signs of decomposition, one should make the patient drink a medicated fluid containing dhātaki flowers, cutch-tree, pomegranate and arjuna tree bark.

8 In case of apparent disintegration of the sperm, he should drink clarified butter with heart of sāl. Moreover in case of lumps and clots, he should even eat a preparation of ashes obtained after burning of a fig-tree.

9 In case the sperm appears purulent, a mixture of mangrove canon ball in some food leftovers or anything else should be prepared. When the sperm is depleted, one should perform these instructions straight away as soon as they have been explained.

10 One should make the patient drink ghee with citra, koshira and hingu by way of an antidote. A wise person should then perform one by one the six oleation processes on his own body.

10A By not engaging in sexual activities with women for a long time and similarly through the use of expedients and instruments

10B By intense use of astringent, pungent or bitter substances

10C Like an acid or a salty, oily or fermented solution, that has just stood somewhere for some time,

10D deteriorates both by the effect of time going by and by interaction with yogi's\*

10E similarly in case of affection of the female system one should prescribe oleation and other similar treatment.

10F Precisely as formulated for external use, one could prescribe exactly the same for internal administration as well.

10G In case of disease resulting from trouble with Vāyu, then the patient must drink a beverage consisting of clarified butter, prepared with split cedar and Kāśmarya fruit.

10H One should prescribe either an intravaginal solution of Payasyā, Kāśmarya fruit, Kṣīraavidārī and Udaka sap or lumps

- drenched in diluted milk.
- 10I A sip from the palm of the hand of Madhukamunga and astringent betel
- 10J Furthermore, in case of trouble caused by bile and in the menstrual cycle.
- 10K The patient should drink milky Kākolī sap and a decoction of Vidārī to which some candied sugar is added
- 10L and one should insert an intravaginal solution of Madhuka flowers and Kāśmarya fruit mixed with sugar cane juice or a paste with santal sap.
- 10M and a pinch of astringent Paan\*
- 10N When disease is caused by phlegm, he must drink an astringent sandalwood and acrid Christmas rose solution.
- 10O ... or a paste of young tree sprouts soaked in a plant juice.
- 10P he must lick or sip bits of Tinduka, wood apple, slime apple and sandal powder or Kṣandra.
- 10Q Sarjadhava paste should be placed inside the vagina
- 10R a pinch of Ladhra and astringent Tinduka
- 10S In case of clots and lumps in the sperm he should take Sringavera and Pāṭhā to which is added some sandal powder as well as white Surasa.
- 10T One should insert into the vagina a salve\* with Kustha and cedar extracts.
- 10U and add just a pinch of something astringent
- 10V in case the sperm is clearly in decomposition, the patient must be prescribed to drink a astringent beverage of Manjista and astringent sandalwood
- 10W or of Kuṭaja fruit, sandalwood and sandal sweetened with sugarcane candy.
- 10X or in case there is obvious pus, this is exactly what the patient should be given
- 10Y and the lady should be prescribed to place inside the vagina a salve of cachou and arjuna
- 10Z and for both a pinch of something astringent is indicated is just right.
- 10A1 in case of .....\*, he should ingest an astringent solution of false black pepper, coral tree and Manjista.
- 10A2 one should introduce into the vagina a paste of Surastastra

- (?)\* and Rocana as well as a salve of Bhadrasriya.
- 10A3 Both must receive just a sip of something astringent.
- 10A4 Here is more.
- 11
- 12 Generally speaking, at the end of the period one should  
 apply an internal cleansing from menstrual discharge\*
- 13 and one should definitely prepare both cotton-plant paste  
 and salutary beverages.
- 14 in case the sperm spreads a foul-smelling stench and  
 definitely when there is blood
- 15 the patient should drink decoctions of sandal or  
 sandalpaste.\*
- 14AB and in case of lumps and clots in his sperm he should  
 consume a salutary Tryusana with coral swirl fruits.
- 14A and drink a beverage of acrid dry ginger, Hing and holy  
 basil.
- 16
- 23
- 24 That being said, when sperm is not causing disease, even  
 then all of this may serve to purify the female system\*
- 25 From the first day onwards\* when the period starts, she  
 should shun young celibates, when they are alone, bathing,  
 anointing, decorating and scratching themselves and she  
 should also suppress day-sleep, put collyrium to her eyes,  
 weeping, be frightened or cut her nails, run hither and  
 thither, laugh or speak or listen to lots of talk or exert  
 herself. Why should her partner arrive late during the day?  
 It is claimed that if she puts a collyrium, a child will be  
 born blind, if she is weeping, he will have abnormal vision,  
 by bathing and anointing he will be depressive, by smearing  
 oil on her limbs, he 'll be born a leper, by holding her  
 nail downwards he will be a child with ugly nails, by being  
 continuously busy he will become a restless and troubled  
 character. When she behaves accordingly, she well be the  
 best of future mothers. She should take rest on a layer of  
 Kuśa grass, take Haviśya-food so pure that it is fit for a  
 sacrifice\*\*, eat varied food from the palm of her hand or  
 from a plate made of leaves and she should keep herself then

- from her husband from the third day onwards. However, on the fourth day, first she should take a ritual, put on a new untorn dress and some jewels, then make an auspicious happy recitation and then confidently hug her husband. What is the purpose of all this?
- 26 Once she has taken a ritual bath after her period, a woman should put eyes on her husband before anyone else.
- 27 Then the priest conducts the rites for procuring a son\* and at the end of it, the husband should be seen to closely observe the following.
- 28 In order to beget a male child he should eat both clarified butter and milk as well as śāli-rice\* boiled in water. After observing a month of sexual abstinence, the wife should lubricate herself in oil from the very best Māṣa pulse and he should approach her at night. After gaining her complete trust by gentle words he should then make his move on the fourth, sixth, eighth, tenth and twelfth day (of the cycle)\*\* successively.
- 31 Each month again she should be approached sexually.\*
- 32 And when conception has occurred in this way during one of these nights, it is claimed that she should press three or four drop of juice from Lakṣmaṇā, Vataśuṅgā, Sahadevā, Viśvadevānā or any other drug and then administer them in the right nostril if she desires a son and in the left if she wants a girl, and not spit nor sneeze them out.
- 32a Here are some more verses.
- 11cd On top of that those around her want to see her smelling sweet as honey, sparkling like a crystal, agile and active, smooth and sweetly perfumed,
- 12ab bright with splendour equally due to the smell of honey as to the smoothness of oil.
- 17 It is a token of good health when the menstrual blood is red like a hare's blood or like the shine of red lac and when its colour stains can be removed.
- 18 Metrorrhagia or abnormal uterine bleeding is diagnosed when there is either excessive bleeding, untimely or irregular bleeding or when symptoms are the opposite of what occurs in a normal menstrual cycle.

- 19 Excessive uterine bleeding is always accompanied by aching limbs and with pain. In case blood loss is extremely abundant, symptoms may be weakness, ..... (bhramamūrcchā), fatigue,...
- 20 ... fever, lamenting pain, anaemia\*, tiredness and others signs of disturbance of Vāta. A minor concomitant disease may easily set in motion ..... (taruṇyā).
- 21cd Because these afflictions have a recurrent character, the woman becomes amenorrhoeic.
- 22 In such a case a diet is indicated including meat, Kulattha-pulses, sour Tila-seeds, Māṣa-beans and whine and for drinks (cow)urine, whey and sour curd.
- 23 In case of thin or scanty menses with features that cannot be treated with drugs, other measures indicated in case of uterine metrorrhagia must be taken.
- 29 eṣūttarottaraṃ vidyādāyurārogyameva ca ||  
prajāsaubhāgyamaiśvaryaṃ balaṃ ca divaseṣu vai ||
- 30 ataḥ paraṃ pañcamyāṃ saptamyāṃ navamyāmekādaśyāṃ ca  
strīkāmah; trayodaśīprabhṛtayo nindyāḥ ||
- 33 When the four ingredients for the embryo are combined, i.e. the right womb to grow in, the right seed to descend from, the propitious life juices to be fed upon and a lucky constellation of stars, according to age-old tradition, the newborn will grow into a child of unshakeable health.
- 34 Conceived and developed in this way, they become beautiful, of noble character and they live a long life. Although, beings sons, they have obligations to fulfil towards their parents, they can take care of these and thus honourably discharge themselves.
- 35 On the one hand there those who claim that it is the Tejas-element which lies at the base of the different types of complexions, on the other there are those who say that it is the colour of the food the mother eats while pregnant that dictates the complexion. The normal complexion of the foetus therefore is fair. But when earth (as a source of food) is the main determining element, complexion will shift to dark. When a mix of earth and sky are the main elements (in the food), it turns towards the dark bluish. By

analogy, some say it is the colour of the food the woman eats while pregnant that fixes the complexion of her offspring. There are arguments in favour of both theories. In so far as in dark, yellow and white ( *kṛṣṇapītasvetāsu*) earths ( *bhūmiṣu*) snakes, trees, .... and so on ( *sarppavṛścikagalagoṇādayaḥ*) are essential elements ( *satvāḥ*), they are black, yellow and white ( *kṛṣṇapītasveta*). (uncertain hence in italics) When the Tejas-principle fails, the child is born blind. Similarly, when penetration into the blood of this disturbance results in a newborn with blood-shot red eyes; penetration into the phlegm makes for a pale-eyed newborn; penetration into the bile makes for a yellow-eyed baby; penetration into the wind results the in a with eyes that have poor vision.

36 Here are some more verses.

36a He whose eyes are entered by a pure wind

36bj will have oblong downcast eyes, dark or bright.

36c When bile with phlegm both are present unsullied in a man' s eye

36d then in that man's eye the yellow, green and reddish-brown will all light up together.

36e when phlegm has shaken off all kinds of bodily secretions from someone's eyes,

36f then both irises of that person will light up brightly shining.

36g Whenever blood with phlegm move around in a someone's eyes,

36h he will appear to have either bluish-dark or blood-shot pupils.

36i Just as a lump of ghee melts when placed near a fire,<sup>164</sup>

36j so a woman' s propensity to ovulate glides into receptivity in contact with a man.

37 When sperm is divided in the uterus by the wind into two beings, twins are born conditioned by the former good and evil deeds.

<sup>164</sup> Cf. the attempt by Das (2003: 222–241) to identify the *Suśrutasaṃhitā*'s descriptions with the physical processes involved as known to Modern Establishment Medicine, and also the self-contradictions in the ancient āyurvedic medical models.



- 37.1 When in the mixture there is an excess of male sperm, a fertile woman will create two male children\*.
- 37.2 whereas when there is an excess of female semen then similarly the woman engenders two girls. But there is no certainty.\*
- 37.3 A child born from a man who has but a poor sperm to give his wife is called āsevyah (impotent).\*
- 38cd When a man has a fellatio he does not have to doubt his penis will get up erect.\*
- 38 A boy born from a father with poor sperm becomes an āsekya.
- 39 He who is born in a sordid vagina is commonly known as a Saugandhika. Such a person becomes aroused only after smelling a vagina or a scrotum. \*
- 40 When a man first had same-sex anal coitus because of a period of sexual abstinence from women and then turns towards his regular partners\* again, he should be known as a Kumbhika. And now get it right about what an īrṣyakaṃ is:
- 41 somebody who has to watch sexual intercourse of others before being able to his own sexual activities should be known as an īrṣyakaḥ.\* He who turns towards copulation\*\*
- 42 during the fertile days of the cycle\* but out of pure sexual ignorance ejaculates on the breasts of his virgin wife\*\* will create boys who also exhibit feminine character traits.
- 42 see 3.2.41
- 43 If a woman in her fertile days\* throws herself at the feet of males around her and she begets a girl, she will also have character traits of a man. \*\*\*
- 44 Men who do produce sperm but have a pathology can be identified as āsekya, Sugandhi, Kumbhika or īrṣyaka. Men who do not produce any sperm are called saṇḍha.\*
- 45 The sperm ducts that lead the sperm in both groups of men should be ..... (viprakṛtyā) of these (teṣāṃ) (?). This will help instore a slow evolution towards satisfactory erections.
- 46 It is to be expected that what the mother eats will reflect in how children behave both in the uterus and after birth.\*
- 47 Now when two women are having sex and somehow succeed in making fit both their sperm contributions then a boneless

being is born.

- 48 A woman could even get carried away and reach an orgasm in a dream following her ritual bath. The Vāyu then transporting her fertilized egg into the uterus, results in her belly ...
- 49 ... showing the obvious signs of pregnancy month by month in the pregnant lady.
- 50 In addition, it should be known that monster-like creatures looking like serpents, scorpions and pumpkin-gourd shaped foetus, are born frequently from the womb as a consequence of sins committed.
- 51 When a pregnant woman's wishes are not respected due to a deranged condition of the Vāta, the child stands in danger of being born a humpback or ..... (kūnipaṅgur) or dumb,
- 52 and when the parents are atheistic or due to the aggravation of Vāyu are under the effect of misdeeds in former lives, the newborn may develop malformations.
- 53 Due to the scantiness of bodily excretions, itself due to a disabling of Vāyu with respect to processing of food, the foetus, whilst in the womb, produces (almost)\* no urine nor stools,
- 54 and because of this dwindling away of the Vāyu in mouth and throat, in the bowels and especially in the small intestine, these all get wrapped up in phlegm resulting in impediment of intestinal transit; moreover the foetus does not weep all the time ...\*
- 55 Furthermore, the ups-and-downs of the foetal respiratory movements during its sleep are coordinated with the ups-and-downs of the respiratory movements of the mother.
- 56 The adjustment of the limbs of the body to its bodily constraints, both the appearance and the falling out of teeth, the disappearance of hair from the palms of hands and soles, all of this follows intrinsic laws of nature.
- 57 Men who have uninterruptedly entered one previous existence after another and who have a vast understanding of the scriptures, do remember their own previous births.
- This was the second chapter of the śārīrāsthana.

**Cikitsāsthāna**





# Kalpasthāna



# **Uttaratantra**





## Editions and Abbreviations

- Ah 1939 Kumṭe, Anṇā Moreśvara, Navare, Kṛṣṇaśāstrī, and Parādkar, Hariśāstrī (1939) (eds.), *श्रीमद्वाग्भटविरचितम् अष्टाङ्गहृदयम्, श्रीमदरुणदत्तविरचितया सर्वाङ्गसुन्दराख्यया व्याख्यया, हेमाद्रिप्रणीतया आयुर्वेदरसायनाह्वया टीकया च समुल्लसितम्* = *The Astāṅgahṛidaya* (6th edn., Mumbayyām: Nirṇayasāgara Press), [ark:/13960/t3tt6967d](https://nirṇayasāgara.org/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.
- Arthaśāstra* Kangle, R. P. (1960), *The Kauṭilīya Arthaśāstra* (University of Bombay Studies Sanskrit, Prakrit and Pali, 1; Bombay: University of Bombay), accessed 23/09/2021.
- AS *Asiatic Society*.
- As 1980 Āṭhavale, Ananta Dāmodara (1980) (ed.), *अष्टाङ्गसङ्ग्रहः श्रीमद्वाग्भटविरचितः इन्दुव्याख्यासहितः* [= *Vāgbhaṭa's Aṣṭāṅgasaṅgraha with Indu's Commentary*] (Pune: M. A. Āṭhavale, Śrīmad Ātreya Prakāśanam), [ark:/13960/s25bwqsd0n7](https://nirṇayasāgara.org/ark:/13960/s25bwqsd0n7).
- Bhela 1921 Mookerjee, Ashutosh, and Ananta Krishna Shastri, Ved-antabisharad (1921) (eds.), *The Bhela Samhita. Sanskrit Text* (Calcutta: University of Calcutta), [ark:/13960/t3sv3157j](https://nirṇayasāgara.org/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 Visvabharati).
- BL *British Library.*
- Ca 1941 Ācārya, Yādavaśarma Trivikrama (1941) (ed.), *महर्षिणा पुनर्वसुनोपदिष्टा, तच्छिष्येणाग्निवेशेन प्रणीता, चरकदृढबलाभ्यां प्रतिसंस्कृता चरकसंहिता, श्रीचक्रपाणिदत्तविरचितया आयुर्वेददीपिकाव्याख्या संवल्लिता* (3rd edn., Mumbayyāṃ: Nirnaya Sagara Press), [ark:/13960/t48q2f20n](https://nirnayasangraha.sangraha.org/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](https://www.oxfordjournals.org/lookup/doi/10.1093/acref/9780197135501); 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).
- DED<sub>2</sub> Burrow, Thomas, and Emeneau, Murray B. (1984), *A Dravidian Etymological Dictionary* (2nd edn., Oxford: Clarendon Press), [ark:/13960/t4wj06g26](https://www.oxfordjournals.org/lookup/doi/10.1093/acref/9780197135501), [URL](https://www.oxfordjournals.org/lookup/doi/10.1093/acref/9780197135501).
- EWA Mayrhofer, Manfred (1986–2001), *Etymologisches Wörterbuch 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](https://nirnayasangraha.sangraha.org/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: Secretary of State for India), [ark:/13960/s2kbbk5zcrg9](https://nirnayasangraha.sangraha.org/13960/s2kbbk5zcrg9).

- KEWA Mayrhofer, Manfred (1953–72), *Kurzgefaßtes etymologisches Wörterbuch des Altindoarischen; a Concise Etymological Sanskrit Dictionary* (Heidelberg: Carl Winter, Universitätsverlag).
- KL *Kaiser Library.*
- Mahākośa* Jośī, Venīmādhavaśāstrī, and Jośī, Nārāyaṇa Harī (1968), *आयुर्वेदीय महाकोशः अर्थात् आयुर्वेदीय शब्दकोशः संस्कृत-संस्कृत* (Mumbaī: Mahārāṣṭra Rājya Sāhitya āṇi Saṃskṛti Maṇḍala), [ark:/13960/t22c41g8t](http://ark:/13960/t22c41g8t).
- Mānasollāsa* Shrigondekar, Gajanan K. (1925–61) (ed.), *मानसोल्लासः = Mānasollāsa [or Abhilaṣitārthacintāmaṇi] of King Someśvara* (Gaekwad's Oriental Series; Baroda: Oriental Institute), [ark:/13960/t87h8tn95](http://ark:/13960/t87h8tn95); v. 2: [ark:/13960/t3gz41v8m](http://ark:/13960/t3gz41v8m).
- MN<sub>1</sub> Ācārya, Yādavaśarma Trivikrama (1920) (ed.), *महामति-श्रीमाधवकरप्रणीतं माधवनिदानम् श्रीविजयरक्षित-श्रीकण्ठदत्ताभ्यां विरचितया मधुकोशाख्यव्याख्यया, श्रीवाचस्पतिवैद्यविरचितया आतङ्कदर्पणव्याख्याया विशिष्टांशेन च समुल्लसितम् = Mādhavanidāna by Mādhavakara with the Two Commentaries, Madhukosha by Vijayarakshita & Shrikanthadatta and Ātankadarpaṇa by Vāchaspati Vaidya* (1st edn., Bombay: Nirnaya Sagara Press), [ark:/13960/t9z08jn5j](http://ark:/13960/t9z08jn5j).
- MN<sub>3</sub> Ācārya, Yādavaśarma Trivikrama (1932) (ed.), *महामति-श्रीमाधवकरप्रणीतं माधवनिदानम् श्रीविजयरक्षित-श्रीकण्ठदत्ताभ्यां विरचितया मधुकोशाख्यव्याख्यया, श्रीवाचस्पतिवैद्यविरचितया आतङ्कदर्पणव्याख्याया विशिष्टांशेन च समुल्लसितम् = Mādhavanidāna by Mādhavakara with the Two Commentaries, Madhukosha by Vijayarakshita & Shrikanthadatta and Ātankadarpaṇa by Vāchaspati Vaidya* (3rd edn., Bombay: Nirnaya Sagara Press), [ark:/13960/t66452x0h](http://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 Böhrtlingk, Otto, and Roth, Rudolph (1855–75), *Sanskrit-Wörterbuch* (St. Petersburg: Kaiserlichen Akademie der Wissenschaften), [URL](#), accessed 18/05/2023.
- PWK Böhrtlingk, Otto (1879), *Sanskrit-wörterbuch in kürzerer fassung* (St. Petersburg: Kaiserlichen Akademie der Wissenschaften), [URL](#), accessed 18/05/2023.
- RORI *Rajasthan Oriental Research Institute*.
- Śabdasindhu Gupta, Umeśachandra, and Sena, Nagendra Nātha (1983), *वैद्यक-शब्दसिन्धुः = Vaidyaka-Śabdasindhuh* (3rd edn., Varanasi & Delhi: Chaukhambha Orientalia); 3rd ed. first published in 1914.
- 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](https://n13960.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 Nibandhas-angraha Commentary of Shri Dalhaṇāchārya* (Mumbayyām: Nirṇayasāgaramudrāyantrālaye), [ark:/13960/t3sv0mt50](https://n13960.t3sv0mt50), accessed 29/07/2020; [HIML](#): IB, 312 edition \*v.

- Su 1931 Ācārya, Yādavaśarma Trivikrama (1931) (ed.), *सुश्रुत-संहिता, वैद्यवरश्रीडल्हणाचार्यविरचितया निबन्धसंग्रहाख्यव्याख्यया समुल्लसिता, महर्षिणा सुश्रुतेन विरचिता, सूत्र-निदान-शारीर-चिकित्सा-कल्पस्थानोत्तरतन्त्रात्मकः. आचार्योपाह्वेन त्रिविक्रमात्मजेन यादवशर्मणा संशोधिता* = *The Sushrutasaṃhitā of Sushruta with the Nibandhasaṅgraha Commentary of Shree Dalhaṇāchārya* (2nd edn., Mumbayyām: Pāṇḍuraṅga Jāvajī at the Nirṇayasāgara-mudrāyantrālaye), [ark : / 13960 / t9j41sg94](#), accessed 09/06/2020; [HIML](#): IB, 312 edition \*v.
- Su 1938 Ācārya, Yādavaśarma Trivikrama, and Ācārya, Nārāyaṇa Rāma (1938) (eds.), *श्रीडल्हणाचार्यविरचितया निबन्धसंग्रहाख्यव्याख्यया निदानस्थानस्य श्रीगयदासाचार्यविरचितया न्यायचन्द्रिकाख्यपञ्जिकाव्याख्यया च समुल्लसिता महर्षिणा सुश्रुतेन विरचिता सुश्रुतसंहिता* (3rd edn., Bombay: Nirṇayasāgara Press), [ark : / 13960 / t09x0sk1h](#); [HIML](#): IB, 313, edition cc ('the vulgate').
- Su 1938<sup>2</sup> Ācārya, Yādavaśarma Trivikrama, and Ācārya, Nārāyaṇa Rāma (2004) (eds.), *महर्षिणा सुश्रुतेन विरचिता सुश्रुतसंहिता, श्री-डल्हणाचार्यविरचितया निबन्धसंग्रहाख्यव्याख्यया निदानस्थानस्य श्रीगयदासाचार्यविरचितया 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. श्रीचक्रपाणिदत्तविरचितया भानुमतीव्याख्याया समेतम्* = *Sushrut-saṃhitā (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 संबलिता* = *the Suśrutasaṃhitā of Suśruta with Various Readings, Notes and Appendix etc.* (Mumbāi: Nirṇayasāgarākhyamudraṇālaye), [ark : / 13960 / t8kd4jh7n](#).

- TMSSML *Tanjore Maharaja Serfoji Saraswati Mahal Library.*
- Viṣṇudh 3 Shah, Priyabala (1958) (ed.), *Viṣṇudharmottara-Purāṇa. Third Khaṇḍa* (Gaekwad's Oriental Series, 130; Baroda: Oriental Institute), [ark:/13960/t52g33q88](https://nbn-resolving.org/urn:nbn:de:hbz:5:1-63862-p0088-9).
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# Materia Medica

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

aconite leaf (?) (*viṣapatrikā*) Unknown. Cf. perhaps, *vatsanābha* (wolfsbane). Cf.

GVDB: 373 : 123

‘alas, alas’ (*hālāhala*) unknown. See Cf. Soḍhalanighantu p.43 (sub bola) = stomaka = vatsanābha :

Alexandrian laurel (*punnāga*)

Calophyllum inophyllum, L. See

AVS: 1, 338, NK: 1, #425 :

amaranth (*taṇḍulīyaka*) Amaranthus hypochondriacus, L. See King 321, NK: 1, #144, Potter<sup>rev</sup>: 15. Cf.

AVS: 1, 121 : 116

arjun (*arjuna*) Terminalia arjuna, Bedd.

See HK: 738 : 36

ash gourd (*kūṣmāṇḍa*) → puṣpaphala.

Beninkasa hispida, (Thunb.) Cogn. See

AVS: 2, 1127; cf. AVS: 1, 261 :

atis root (*śṛṅgīviṣa*) Aconitum

heterophyllum, Wall. ex Royle. See

AVS: 1, 42, NK: 1, #39 :

axlewood (*dhava*) Anogeissus latifolia

(Roxb. ex DC.) Wall. ex Guill & Perr.

See AVS: 1, 163 f, Chopra: 20 : 36, 138

bamboo leaves (*veṇupatrikā*) Bambusa

bambos, Druce. See NK: 1, #307 : 116

banyan (*nyagrodha*) Ficus bengalensis, L.

See HK: 748 :

barley (*yava*) Hordeum vulgare, L. See

HK: 752 : 97

bearded premna (*vasuka*) Premna barbata

Wall. (← *vasuhatṭa*), according to

Cakrapāṇidatta. See the discussion by T. B. Singh and Chuneekar

(GVDB: 362–363), where other candidate species such as Osmanthus, Calotropis, and Trianthema are discussed. T. B. Singh and Chuneekar (GVDB: 363) note that when *vasuka* is mentioned with *vasira*, two varieties of salt are often meant (see *vasukavasirā*).

See also NK: #1299 who identifies it with Indigofera enneaphylla, Linn. (Birdsville Indigo), apparently without controversy :

beautyberry (*priyaṅgu*) → śyāmā.

Callicarpa macrophylla, Vahl. See

AVS: 1, 334, NK: 1, #420. Some say also Setaria italica Beauv. GVDB: 263–264.

See also GVDB: 413 : 36, 134, 139

beautyberry (*śyāmā*) Callicarpa

macrophylla, Vahl. See AVS: 1, 334,

NK: 1, #420 : 92, 114, 116

beggarweed (*aṃśumatī*) Desmodium

gangeticum (L.) DC (Dymock: 1, 428,

GJM1: 602, NK: 1, #1192; ADPS: 382,

414 and AVS: 2, 319, 4.366 are

confusing) : 134

beggarweed (*vidārigandhā*) → śālapanṇī.

Desmodium gangeticum (L.) DC. See

Dymock: 1, 428, GJM1: 602, cf. NK: 1,

#1192; ADPS: 382, 414 and AVS: 2, 319,

4.366 are confusing : 45, 97

beggarweed (*śālapanṇī*) → sthirā.

- Desmodium gangeticum (L.) DC. See *Dymock*: 1, 428, *GJM*1: 602, *NK*: 1, #1192; *ADPS*: 382, 414 and *AVS*: 2, 319, 4.366 are confusing:
- Bengal quince (*bilva*) Aegle marmelos (L.)  
Corr. See *AVS*: 1, 62, Chevallier 159,  
*NK*: 1, #62, (*MW*: 732a) : 65, 88, 90, 94  
'big poison' (*mahāviṣa*) unknown. See ? :  
'big thorn apple' (*mahākarambha*) Datura  
metel, L.?. See *thorn apple* (*karambha*) :  
bitumen (*adrija*) → *śilājī*. A tar-like, black,  
resinous rock exudate. See  
*Mahākośa*: 1, 21 : 149
- black cardamom (*Khareṇu*) Amomum  
subulatum, Roxb.?. See PVS Caraka  
2.734, *AVS*: 1, 128, *NK*: 1, #154, *pace*  
*GVDB*: 467–468:
- black creeper (*pālindī*) Ichnocarpus  
frutescens, (L.) R.Br. or Cryptolepis  
buchanani, Roemer & Schultes. See  
*AVS*: 3, 141, 145, 203, *NK*: 1, #1283,  
1210, *ADPS*: 434. Ḍalhaṇa on SS 5.1.82  
identified *pālindī* with *trivṛt* (*turpeth*)  
and T. B. Singh and Chuneekar  
(*GVDB*: 246) supported this as a usual  
identification : 116, 119, 133, 134
- black pepper (*marica*) Piper nigrum, L. See  
*ADPS*: 294, *NK*: 1, #1929 : 98
- black pepper (*vallīja*) → marica. Piper  
nigrum, L.?. See *NK*: 1, #1929; Rā.6.115,  
Dha.4.85, Dha.2.88:
- blackboard tree (*saptachada*) Alstonia  
scholaris R. Br. *GVDB*: 420 : 115
- blackbuck (*hariṇa*) Antelope cervicapra, L.  
See *BIA*: 270 *IW*: 95, 165, *et passim* : 119  
'blade' (*kartariya*) unknown. See ? :
- blue water-lily (*utpala*) Nymphaea stellata,  
Willd. See *GJM*1: 528, *IGP* 790;  
*Dutt*: 110, *NK*: 1, #1726 : 27, 114, 133, 134
- bottle gourd (*ālābūka*) Lagenaria siceria  
(Molina) Standl. See *IGP* 645, *NK*: 1,  
#1419:
- bulrush (*kaṣeru*) "Two species, Scirpus  
kysoor Roxb., and S. grossus Linn. f.  
are used" *GVDB*: 85. Also kaṣeruka  
and kaseru : 92, 93, 96
- calamine lotion (*amṛtāsaṅga*) →  
amṛtāsaṅga. Zinc carbonate. See  
*NK*: 2, #56:
- camphor (*karpūra*) → śītaśiva.  
Cinnamomum camphora, (L.) Sieb.  
See *IGP* 253:
- cannabis (*vijayā*) Cannabis sativa, L. See  
*AVS*: 1, 356, *NK*: 1, #442 :
- caper (*karīra*) Capparis decidua (Forsk.)  
Edgew. See *AVS*: 1, 368, (*MW*: 255b) :
- cardamom (*elā*) Elettaria cardamomum,  
Maton. See *AVS*: 2, 360, *NK*: 1, #924,  
*Potter<sub>rev</sub>*: 66 : 88, 134, 139
- carmarī (*carmarī*) unknown. See ? :
- carray cheddie (*gāṅgerukī*) → viśvadevā.  
Canthium parviflorum, Lam. See  
*AVS*: 1, 366 f:
- cassia cinnamon (*patra*) Cinnamomum  
tamala, (Buch.-Ham.) Nees. See  
*AVS*: 2, 84, *NK*: 1, #589 : 88, 94, 116, 134
- castor oil tree (*gandharvahaṣṭa*) → eraṇḍa.  
*GVDB*: 135, *K&B*: 3, 2277 : 41, 90
- castor-oil (*eraṇḍa*) Ricinus communis, L.  
See *NK*: 1, #2145, *Chopra*: 214 : 46
- certain minerals (*tārāvitāra*) Unknown. It is  
not even certain that these are minerals.  
The variant reading in the vulgate,  
*tāraḥ sutāraḥ* was glossed by Ḍalhaṇa on  
5.3.14 (*Su* 1938: 568) as follows *tāro*  
*rūpyaṃ*, *sutāraḥ pāradaḥ*, "tāra means  
silver; sutāra means mercury." : 138
- Ceylon iron wood (*kṣīrikā*) Mimusops  
hexandra, Roxb. (*GVDB*: 126–127) :
- chaff (*kāṇḍana*) The word *kāṇḍana* is not  
found in dictionaries; *kaṇḍana* is  
threshing, separating the chaff from the  
grain in a mortar. Cf. Hemādri's  
*Caturvargacintāmaṇi* (*PWK*: 2, 8)  
(Śiromaṇi 1873: 1, 138: 21, citing the  
*Vāyupurāṇa*) : 28, 222
- chebulic myrobalan (*harītakī*) Terminalia  
chebula Retz. *GVDB*: 466 : 95, 115
- cherry (*elavālu*) Prunus cerasus, L.?. See  
*BVDB* 58, *NK*: 1, #2037, *GVDB*: 58 : 134

- chir pine (*sarala*) *Pinus roxburghii*, Sarg.  
GVDB: 423 : 65, 96
- chital deer (*prṣata*) *Axis axis*, Erxleben. See  
BIA: 292, IW: 93 : 119
- ‘choice tree’ (*varadāru*) unknown. See ? :
- chukar partridge (*cakora*) *Alectoris chukar*.  
See Woodcock 1980: 45 :
- cinnamon (*tvac*) *Cinnamomum cassia*,  
Blume. See NK: 1, #579 :
- citron (*mātuluṅga*) *Citrus medica*, Linn.  
GVDB: 276, 306. Also spelled  
*mātuliṅga*, *mātulaṅga*, *mātulāṅga* : 65, 94,  
99, 100
- cluster fig (*udumbara*) *Ficus racemosa*, L.  
See ADPS: 487 :
- cobra’s saffron (*nāgapuṣpa*) → *nāgakeśara*.  
*Mesua ferrea*, L. See NK: 1, #1595,  
GVDB: 220 : 134
- common crane (*krauñca*) *Grus grus*. See  
Woodcock 1980: 47 :
- common mallow (*suvarcalā*) perhaps  
*Malva sylvestris*, L. A difficult plant to  
identify, see T. B. Singh and Chuneekar  
(GVDB: 280, 440–441) :
- common mallow (*sūryāvarta*) *Malva*  
*sylvestris*, L. Cakrapāṇidatta and  
Ḍalhaṇa identify it with *suvarcalā*, itself  
a difficult plant to identify. Perhaps  
*Helianthus*, see T. B. Singh and  
Chuneekar (GVDB: 280) :
- corky coral tree (*pāribhadra*) *Erythrina*  
*suberosa* Roxb. See GVDB 245 : 138
- costus (*kuṣṭha*) *Saussurea costus*, Clarke.  
See NK: 1, #2239 : 88, 94, 116, 134, 139
- cottony jujube (*kākolī*) *Ziziphus*  
*mauritanica*, Lam. See IGP: 1233,  
NK: 1, #2663; IGP 1233. Cf. NK: 1,  
#1170 : 87, 93, 94
- 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 : 45, 93, 96, 168
- 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  
*sārivā*, which may sometimes be  
*Cryptolepis* or *Ichnocarpus frutescens*  
R. Rr. (GVDB: 429–431) : 45, 123, 133,  
134, 138
- crape jasmine (*nata*) → crape jasmine  
GVDB: 215 : 215, 217
- 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 : 88, 94,  
116, 134, 215, 217
- 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 : 138
- cucumber (*trapusa*) *Cucumis sativus*, L.  
See AVS: 2, 231, NK: 1, #731 :
- cuscut grass (*uśīra*) *Andropogon*  
*murcatus*, Retz. Also “vetiver grass.”  
See NK: 1, #180 : 116
- ‘dangling’ (*lambā*) unknown. See ? :
- datura (*dhattūra*) *Datura metel*, L. See  
AVS: 2, 305 (cf. *Abhidhānamāñjarī*),  
NK: 1, #796 ff. Potter<sub>rev</sub>: 292 f,  
ADPS: 132 : 42
- deodar (*bhadradāru*) *Cedrus deodara*,  
(Roxb.ex D.Don) G. Don. See AVS 41,  
NK: 1, #516 : 36, 93, 97, 134
- deodar (*devadāru*) *Cedrus deodara* (Roxb.)  
Loud. GVDB: 206–207 : 65, 94, 168
- dhaman tree (*dhanvaṅga*) → *dhammaṇa*?  
*Grewia tiliaefolia*, Vahl. See  
AVS: 3, 104, IK, AVS: 1, 386, IGP 529

- (tiliifolia) :  
 dried ginger (*śuṇṭhī*) *Zingiber officinale*, Roscoe. See [ADPS](#): 50, [NK](#): 1, #2658, [AVS](#): 5, 435, [IGP](#): 1232: 92  
 dried meat (*vallūra*) [MW](#): 929, [Mahākośa](#): 1, 730. The term is used, rarely, in both the CS (1.5.10) and SS (1.13. 16, 6.42.75–76). It is a Dravidian loanword and occurs in the *Arthaśāstra* etc. ([KEWA](#): 3, 167): 27  
 drum-giver (?) (*lambaradā*) Unknown; cf. [GVDB](#): 348: 123  
 elixir salve (*rasāñjana*) → *añjana*. See [Indian barberry](#): 36, 46  
 embelia (*viḍaṅga*) *Embelia ribes*, Burm. f. See [ADPS](#): 507, [AVS](#): 2, 368, [NK](#): 1, #929, [Potter<sub>rev</sub>](#): 113: 36, 88, 134  
 emblic (*āmālaka*) *Phyllanthus emblica*, L. See [AVS](#): 4, 256: 95, 96  
 emetic nut (*karaghāṭa*) Probably a synonym for *karahāṭa* ([emetic nut](#)), q.v., [GVDB](#): 74: 216  
 emetic nut (*karahāṭa*) *Randia dumetorum*, Lamk. See [GVDB](#): 291–292 and [NK](#): 1, #2091. T. B. Singh and Chuneekar ([GVDB](#): 74, 77–78) noted that it may be a synonym for *karaghāṭa*, [emetic nut](#), and pointed rather to *Gardenia turgida* Roxb. on the basis of local knowledge in U. P.: 216, 219  
 emetic nut (*madana*) *Randia dumetorum*, Lamk. See [NK](#): 1, #2091: 114, 170  
 false daisy (*subhaṅgurā*) (*su*)bhaṅgura = *bhṛṅga*? *Eclipta prostrata* (L.) L. See [GVDB](#): 288: 122  
 fermented rice-water (*dhānyāmla*) → *kāñjī*, *kāñjikā*, *sauvīra*. [GVDB](#): 458, [NK](#): 2, appendix VI, #18: 43, 44  
 fern (*ajaruhā*) *Nephrodium* species [GVDB](#): 7, uncertain. Perhaps *Christella dentata* (Forssk.) Brownsey & Jermy, which is reported to have folk applications against skin diseases in India: 118  
 fire-flame bush (*dhātakī*) *Woodfordia fruticosa* (L.) Kurz. See [AVS](#): 5, 412, [NK](#): 1, #2626: 115  
 five-leaved chaste tree (*śephālikā*) *Vitex negundo*, L. See [NK](#): 1, #2603 (cf. use of leaves), [IGP](#): 1210a, [MW](#): 1088b:  
 flax (*atasī*) *Linum usitatissimum*, L. See [NK](#)#1495: 93  
 ‘foam-stone’ (*phenāśma*) unknown. See ?:  
 fragrant lotus (*saugandhika*) A type of *kumuda* or *utpala* ([GVDB](#): 457): 27  
 galangal (*galanṅala*) *Alpinia galanga* (L.) Sw. Identified with [grey orchid](#) in Kerala ([ADPS](#): 398). The name is borrowed from Chinese, perhaps via Persian or Arabic ([Peter](#): 2, 304), and the name does not occur in early āyurvedic literature ([GVDB](#)): 217  
 galls (*karkaṭa*) *Rhus succedanea*, L. See [NK](#): 1, #2136:  
 garden pea (*kalāya*) *Pisum sativum*, L. See [AVS](#): 4, 308, [IGP](#) 901; cf. [NK](#): 1, #1940:  
 garjan oil tree (*aśvakarṇa*) *Dipterocarpus turbinatus* Gaertn. f. See [GVDB](#): 28, [Chopra](#): 100: 138  
 ‘gentle’ (*somā*) *Ruta graveolens*, L., or *Sarcostemma brevistigma*, W & A, etc. See [NK](#): 1, #2179, 2228; [Potter<sub>rev</sub>](#): 262:  
 giant potato (*kṣīravidārī*) possibly → *kṣīraśukla*. *Ipomoea mauritiana*, Jacq. See [ADPS](#): 510, [AVS](#): 3, 222, [AVS](#): 3, 1717 ff: 93, 218, 220–222  
 ginger (*mahaśadha*) *Zingiber officinale*, Roscoe. See [ADPS](#): 50, [NK](#): 1, #2658, [IGP](#): 1232: 119  
 ‘gladdener’ (*nandana*) unknown. See ?:  
 gold (*hema*) gold: 134  
 gold and sarsaparilla (*surendragopa*) Unknown. Ḍalhaṇa on 5.3.15 ([Su](#) 1938: 568) glossed *surendra* as “gold” and *gopā* as “[Indian sarsaparilla](#).” He also noted other opinions that *surendra* was “[Tellicherry bark](#)”: 138  
 golden shower tree (*rājadruma*) *rājadruma* = *āragvadha*. *Cassia fistula* L. See

- GVDB 37 : 138  
golden shower tree (*āragvadha*) Cassia fistula L. See GVDB 37 : 95  
gourd (*alābu*) Lagenaria siceraria Standl. GVDB: 25. Some say Lagenaria vulgaris, Seringe (NK: 1, #1419) but this is not appropriate for blood-letting : 23, 24, 115  
green gram (*māṣa*) Vigna radiata (L.) R. Wilcz. See ADPS: 296, IGP 1204 : 36, 93, 169  
grey orchid (*rāsnā*) Vanda tessellata (Roxb.) Hook. ex G.Don, usually. But Pluchea lanceolata, Oliver & Hiern, is a more common identification in Punjab and Gujarat (GVDB: 337–338); Alpinia galanga (L.) Sw. is more common in Kerala (ADPS: 398; Peter: 2, 303–318), though this is usually identified with galangal. As all authorities note, the identification of this plant is debated. Sivarajan and Balachandran (ADPS: 398–401) note that sources describe it as having leaves like cardamom and sweet-smelling roots and that “there is great confusion with regard to the identity of the drug.” : 65, 92, 94, 216  
‘gutboiler’ (*antrapācaka*) unknown. See ? :  
hare foot uraria (*prśniparṇī*) → sahā? Uraria lagopoides, DC. See GJM1: 577, Dymock: 1, 426, AVS: 1, 750 ff, NK: 1, #2542; ADPS: 382, AVS: 2, 319 and AVS: 4, 366 are confusing : 92, 93  
heart-leaf sida (*balā*) Sida cordifolia, Linn. See ADPS: 71, NK: 1, #2297 : 45, 93, 96, 98, 134, 168  
heart-leaved moonseed (*amṛtavalli*) See heart-leaved moonseed (*amṛtā*) : 168  
heart-leaved moonseed (*amṛtā*) → guḍūcī. Tinospora cordifolia, (Willd.) Hook.f. & Thoms.? See ADPS: 38, NK: 1, #2472, 624, Dastur #229 : 116, 132, 217  
heart-leaved moonseed (*guḍūcī*) Tinospora cordifolia (Willd.) Miers. GVDB: 141–142, NK: 1, #624, #2472 : 94  
heart-leaved moonseed (*somavallī*) Tinospora cordifolia (Thunb.) Miers. GVDB: 456. Likely, but uncertain : 116  
heliotrope (*hastīśuṇḍa*) → ibhagandhā? Heliotropium indicum, L. See AVS: 3, 136, NK: 1, #1203 :  
henna (*madayantikā*) Lawsonia inermis, L. See AVS: 3, 303, NK: 1, #1448, Potter<sub>rev</sub>: 151 : 117  
hill myna (*sārikā*) Acridotheres tristis tristis, L., etc. See Ali #1006, Dave (1985: 28 ff.), Woodcock (1980: 119) :  
Himalayan mayapple (*vakra*) Podophyllum emodi, Wall. (NK: #1971). But perhaps a synonym of crape jasmine and crape jasmine (GVDB: 354) : 139  
Himalayan monkshood (*ativiṣā*) → viṣā Aconitum heterophyllum Wall. GVDB: 12, NK: 1, #39. Also “atis roots” : 85, 117, 119, 139  
Himalayan monkshood (*viṣā*) → ativiṣā GVDB: 12, 373 : 221  
hogweed (*punarnavā*) Boerhaavia diffusa, L. See ADPS: 387, AVS: 1, 281, NK: 1, #363 : 95, 117, 133  
Holostemma creeper (*jīvantī*) → sūryavallī? Holostemma ada-kodien, Schultes. See ADPS: 195, AVS: 3, 167, 169, NK: 1, #1242 : 96, 221  
honey (*kṣaudra*) Eight varieties of honey are described in the SS (NK: 2, Appendix 192). Kṣaudra is the product of a small bee of tawny colour, called kṣudra : 101, 119  
horned pondweed (*śaivāla*) also śaivāla, śevāra. Zannichellia palustris L. The uncertainties of this identification are discussed by T. B. Singh and Chuneekar (GVDB: 409). Sometimes identified with scutch grass (*dūrvā*) (GVDB: 409). Identified as Ceratophyllum demersum Linn. (“hornwort”) by AVS: 2, 56–57x : 94, 218, 221  
hornwort (*jalanīlikā*) Ceratophyllum



- demersum, L. See [AVS](#): 2, 56, [IGP](#) 232 :  
hornwort (*jalaśūka*) → *jalanīlikā*.  
Ceratophyllum demersum, L. See  
[AVS](#): 2, 56, [IGP](#): 232. T. B. Singh and  
Chunekar ([GVDB](#): 166) suggest [horned  
pondweed](#). Ḍalhaṇa noted on 1.16.19  
([Su](#) 1938: 79) that some people  
interpret it as a poisonous, hairy,  
air-breathing, underwater creature : [45](#)  
horseradish tree (*śigru*) Moringa oleifera  
Lam. See [IGP](#) 759, [GJM1](#): 603,  
[Dymock](#): 1, 396 : [94](#), [95](#)  
hyacinth bean (*śimbī*) Dolichos lablab, L.  
See [NK](#): 1, #870 :  
Indian antelope (*eṇa*) Antelope cervicapra,  
L. See [BIA](#): 70 :  
Indian barberry (*añjana*) → *rasāñjana*,  
*dāruharidrā*. Berberis aristata, DC.  
[Dymock](#): 1, 65, [NK](#): 1, #335, [GJM1](#): 562,  
[IGP](#): 141 : [46](#), [118](#), [216](#)  
Indian barberry (*dāruharidrā*) Berberis  
aristata, DC. See [Dymock](#): 1, 65, [NK](#): 1,  
#685, [GJM1](#): 562, [IGP](#) 141 : [133](#), [134](#)  
Indian barberry (*kālīyaka*) → *dāruharidrā*,  
*añjana*. Berberis aristata, DC. See  
[Dymock](#): 1, 65, [NK](#): 1, #685, [GJM1](#): 562,  
[IGP](#): 141 : [116](#)  
Indian beech (*naktamāla*) Pongamia  
pinnata, (L.) Pierre. See [AVS](#): 4, 339,  
[NK](#): 1, #2003 : [36](#), [90](#)  
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 : [45](#), [94](#), [221](#)  
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 = Ipomoea  
mauritiana, Jacq : [45](#), [65](#)  
Indian laburnum (*śampāka*) Cassia fistula,  
L. See [ADPS](#): 48, [AVS](#): 2, 11 ff,  
[AVS](#): 2, 854, [IGP](#) 215 :  
Indian laurel (*plakṣa*) Ficus microcarpa, L.  
f. See [ADPS](#): 377 :  
Indian madder (*mañjiṣṭhā*) Rubia  
cordifolia, L. See [IGP](#), [Chopra](#): 215,  
[GVDB](#): 289 : [41](#), [134](#)  
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) : [25](#)  
Indian mustard (*sarṣapa*) Brassica juncea,  
Czern. & Coss. See [AVS](#): 1, 301, [NK](#): 1,  
#378 : [28](#)  
Indian pennywort (*maṇḍūkapaṇṇī*) Centella  
asiatica (L.) Urban. See [GVDB](#): 290,  
[ADPS](#): 289–291 :  
Indian sarsaparilla (*sārivā*) → *anantā*.  
Hemidesmus indicus, (L.) R. Br.  
[ADPS](#): 434, [AVS](#): 3, 141–5, [NK](#): 1, #1210;  
and black creeper, *pālindī*. Ichnocarpus  
frutescens, (L.) R.Br. or Cryptolepis  
buchanani, Roemer & Schultes  
[AVS](#): 3, 141, 3.145, 3.203, [NK](#): 1, #1283,  
1210, [ADPS](#): 434 : [133](#), [134](#), [216](#)  
Indian snakeroot (*sarpagandhā*) Rauvolfia  
serpentina, (L.) Benth. ex Kurz. See  
[NK](#): 1, #2099, [ADPS](#): 439, [GVDB](#): 425;  
cf. [SS](#) 5.5.76–78 :  
Indian spinach (*pūtīkā*) Basella alba, L. See  
[NK](#): 1, #318 (*rubra*), [ADPS](#): 489,  
[AVS](#): 1, 253, [IGP](#) 129b :  
indigo (*nīlinī*) Indigofera tinctoria, L. See  
[NK](#): 1, #1309 :  
Indrajao (*vṛkṣaka*) → *indrayava*, *indrabīja*,  
*kaliṅga*, and *kuṭaja*. Holarrhena  
antidysenterica Wall. [GVDB](#): 376, 45

- and 84 : 168
- jackfruit (*panasa*) Artocarpus heterophyllus, Lam. See **NK**: 1, #249, **IGP** 99 :
- jambul (*jambū*) Syzygium cumini, (L.) Skeels. See **ADPS**: 188, **NK**: 1, #967, **Potter<sub>rev</sub>**: 168, Wujastyk 2003a : 115
- jasmine (*mālātī*) Jasminium grandiflorum, L. See **NK**: 1, #1364 : 116
- jequirity (*guñjā*) Abrus precatorius, L. See **AVS**: 1, 10, **NK**: 1, #6, **Potter<sub>rev</sub>**: 168 : 122, 123
- jequirity (*kālakūṭa*) Abrus precatorius, L.? Cf. RRS 21.14. See **AVS**: 1, 10, **NK**: 1, #6, **Potter<sub>rev</sub>**: 168 :
- ‘juice-cooker’ (*sārapāka*) unknown. See ? : (?) (*karatā*) Not in **GVDB**. Cf. perhaps *karahāṭa* (**emetic nut**) : 123
- khesari pea (*tripuṭa*) tripuṭa (kalāya). Lathyrus sativus, L. See **IGP** 651, **NK**: 1, #1439 :
- koel (*kokila*) Eudynamys scolopacea. See Woodcock 1980: 66 :
- kumudvatī (*kumudvatī*) unknown. See ? :
- kutki (*ariṣṭā*) Picrorhiza kurroa Royle ex Benth. → *kaṭukā* (**kutki**) q.v. (**GVDB**: 22–23) :
- kutki (*kaṭukā*) Picrorhiza kurroa Royle ex Benth. (**GVDB**: 64–65) : 85, 101, 219
- lac (*jatu*) Kerria lacca (Kerr.). See <http://www.icar.org.in/ilri/default.htm> : 118
- lac (*lākṣā*) Kerria lacca (Kerr.). See **GJM**<sub>1</sub>: 445, **NK**: 2, #32. Watt (**Watt<sub>Comm</sub>**: 1053–1066) is characteristically informative, and is definite about the antiquity of lac in India : 139
- lāmajja grass (*lāmajj*) Andropogon iwarancusa, Roxb. See **NK**: 1, #176 :
- lāmajja grass (*uśīrabheda*) → *lāmajja*. Andropogon iwarancusa, Roxb. See **NK**: 1, #176 :
- leadwort (*agniśikhā*) Plumbago zeylanica (or rosea?), L. See **NK**: 1, #1966, 1967 : 219
- leadwort (*citraka*) Plumbago zeylanica (or indica?), L. See **RĀ**. 6.124, **ADPS**: 119, **NK**: 1, #1966, 1967 : 36, 85, 90, 100
- leadwort (*pālaka*) → *citraka*. Plumbago zeylanica (indica? rosea?), L. See **Rā**. 6.124, **ADPS**: 1, 119, **NK**: 1, #1966, 1967 :
- leadwort (*vidyutśikhā*) Synonym of *agniśikhā* (**leadwort**), q.v. :
- liquorice (?) (*klītaka*) Glycyrrhiza glabra, L.? **GVDB**: 123–124 discuss the many difficulties in identifying this plant : 122
- liquorice (*madhuka*) see *yaṣṭimadhuka* : 45, 65, 92–97, 99, 119, 132, 134
- liquorice (*yaṣṭimadhuka*) Glycyrrhiza glabra, L. **AVS**: 3, 84, **NK**: 1, #1136, **GVDB**: 329 f. : 46
- ‘little bamboo’ (*veṇukā*) Bambusa bambos, Druce?. See **NK**: 1, #307 :
- lodh tree (*lodhra*) Symplocos racemosa, Roxb. See **GJM**<sub>1</sub>: 597, **ADPS**: 279 f, **NK**: 1, #2420. T. B. Singh and Chunekar (**GVDB**: 351–352) notes that there are two varieties, *S. racemosa*, qualified as *śāvāra*, and *S. crataegoides* Buch.-Ham. for *paṭṭikā lodhra* : 36, 134
- lodh tree (*rodhra*) Symplocos racemosa, Roxb. See **ADPS**: 279, **NK**: 1, #2420 :
- lodh tree (*śāvāra*) → *lodhra*. Symplocos racemosa, Roxb. See **ADPS**: 279, **NK**: 1, #2420 :
- long pepper (*māgadha*) Piper longum, L. See **NK**: 1, #1928; but cf. **AVS**: 3, 245 : 118
- long pepper (*pippalī*) Piper longum, L. See **ADPS**: 374, **NK**: 1, #1928 : 90, 95, 99–101, 119, 134, 168
- lotus stalk (*mṛṇāla*) “Leaf stalk of **sacred lotus**” **GVDB**: 318 : 94
- luffa (*garāgarī*) → *gargaraka*? Luffa echinata, Roxb. See **NK**: 1, #1517 :
- luffa (*koṣātaka*) = *koṣītakī*, **luffa** :
- luffa (*koṣātakya*) Luffa cylindrica, (L.) M. J. Roem. or L. acutangula, (L.) Roxb. See **ADPS**: 252, **NK**: 1, #1514 etc :
- luffa (*koṣītakī*) = *koṣātakī*. Luffa cylindrica,



- (L.) M. J. Roem. or *L. acutangula*, (L.) Roxb. **ADPS**: 252–253, **NK**: 1, #1514 etc. **GVDB**: 121 : 115, 132, 219, 220
- luffa gourd (*kośavatī*) = *koṣṭikā*, **luffa** : 132
- mahua (*madhūka*) *Madhuca longifolia*, (Koenig) Macbride. See **AVS**: 3, 362 f : 65
- maidenhair fern (*haṃsāhvayā*) *Adiantum lunulatum* Burm f. **GVDB**: 463 : 168
- Malay beechwood (*śrīparṇī*) → *kāśmarī*. *Gmelina arborea* Linn. **GVDB**: 412, 96–97 : 65
- mango (*āmra*) *Mangifera indica* Linn. **GVDB**: 37 : 115
- marking-nut tree (*aruṣkara*) *Semecarpus anacardium* L. See *bhallātaka* (**marking-nut tree**) : 123
- marking-nut tree (*bhallātaka*) *Semecarpus anacardium*, L. See **NK**: 1, #2269, **AVS**: 5, 98 : 90, 118, 220
- medhshingi (*vijayā*2) *Dolichandrone falcata* (DC.) The *Sauśrutaniḥaṇṭu* gives a number of synonyms for *vijayā* (Suvedī and Tivārī 2000: 5.77, 10.143). But one of them, *viśāṇī* (also *meṣaśṛṅgī*), is sometimes equated with *Dolichandrone falcata* (DC.) Seemann (**ADPS**: 518; **GVDB**: 373 f, a plant used as an abortifacient and fish poison (**NK**: #862) : 123
- Midday flower (*bandhūka*) *Pentapetes phoenicea*, L. See **NK**: 1, #1836, **GVDB**: 268 :
- migraine tree (*agnimantha*) *Premna corymbosa*, Rottl. See **AVS** 1927, **ADPS**: 21, **NK**: 1, #2025, **AVS**: 4, 348; **GJM1**: 523 : = *P. integrifolia/serratifolia*, L : 132
- milk-white (*kṣīraśuklā*) An unidentified plant. **GVDB**: 126: see **purple roscoe** and **giant potato** : 45, 222
- mongoose (*nakula*) *nakula*. *Urva 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 : 119
- monitor lizard (*godhā*) *Varanus bengalensis*, Schneider. See **Reptiles**: 58 : 45, 119
- monkey jack (*lakuca*) *Artocarpus lakoocha*, Roxb. ex Buch.-Ham. See **GJM1**: 597, **IGP** 99, **IPM** 3.2338f., pace **AVS**: 1, 215 : ‘muddy’ (*kardama*) unknown. See ? :
- mung beans (*mudga*) *Phaseolus radiatus* L. **GVDB**: 310–311 : 93, 96, 170
- mung beans (*māṣaka*) *Phaseolus mungo* Linn. **GVDB**: 308 : 116
- munj grass (*nārācaka*) *Saccharum bengalense*, Retz.?. See **NK**: 1, #2184 :
- myrobalan (*abhayā*) *Terminalia chebula*, Retz. See **ADPS**: 172, **NK**: 1, #2451, **Potter<sub>rev</sub>**: 214 : 85, 132, 139
- myrobalans (*pathyā*) *Terminalia chebula* Retz. See **NK**: 1, #2451 :
- natron (*suvarcikā*) Sodium carbonate. **NK**: 2, #45. Ḍalhaṇa identifies *suvarcikā* with svarjikṣāra 4.8.50 (**Su 1938**: 441) : 100, 134
- neem tree (*nimba*) *Azadirachta indica* A. Juss. **GVDB**: 226 : 42, 168
- nutgrass (*kuruvinda*) Unknown. Ḍalhaṇa 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, *ṣaṣṭika dhānya* : 138
- nutgrass (*mustaka*) *Cyperus rotundus*, L. See **ADPS**: 316, **AVS**: 2, 296, **NK**: 1, #782 :
- nutgrass (*mustā*) *Cyperus rotundus*, L. See **ADPS**: 316, **AVS**: 2, 296, **NK**: 1, #782 : 220
- oleander spurge (*snuhī*) *Euphorbia neriifolia*, L., or *E. antiquorum*, L. See **ADPS**: 448, **AVS**: 2, 388, **AVS**: 3, 1, **NK**: 1, #988, **IGP** 457b :

- orpiment (*haritāla*) Arsenii trisulphidum.  
See [NK](#) v. 2, p. 20 ff:
- panacea twiner (*arkaparṇī*) See *arkapuṣpī*,  
[panacea twiner](#) :
- panacea twiner (*arkapuṣpī*) → *arkaparṇī*,  
*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 annuus* Linn.,  
but this plant is native to the Americas :  
[133](#), [218](#), [221](#)
- parakeet (*śuka*) *Psittacula*  
*krameri/eupatria/cyanocephala*. See  
[Woodcock](#) [1980](#): 64 :
- peacock (*mayūra*) *Pavo cristatus*. See  
[Woodcock](#) [1980](#): 39 :
- peas (*hareṇu*) *hareṇu* = *satīna*. *Pisum*  
*sativum*, L. T. B. Singh and Chuneekar  
([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 : [94](#), [133](#), [134](#), [139](#)
- peepul tree (*aśvattha*) *Ficus religiosa*, L.  
See [ADPS](#): 63 : [141](#)
- periploca of the woods (*meṣaśṛṅga*)  
*Gymnema sylvestre* (Retz.) R. Br. See  
[AVS](#): 3, 107, [NK](#): 1, #1173 : [118](#)
- pheasant peacock (*jīvajīvaka*) *jīvajīvaka* .?  
See ? :
- 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) :  
[218](#)
- 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. : [223](#)
- pointed gourd (*paṭola*) *Trichosanthes*  
*dioica*, Roxb. [GVDB](#): 232–233 : [94](#), [132](#)
- poison berry (*bṛhatī*) *Solanum violaceum*,  
Ortega. See [ADPS](#): 100, [NK](#): 1, #2329,  
[AVS](#): 5, 151 : [90](#), [95](#), [133](#), [134](#)
- poison-altar (?) (*viṣavedikā*) Unknown.  
Possibly, at a guess, *viṣamuṣṭika*  
(strychnine tree)? [GVDB](#): 373 Or *viṣā*  
(Himalayan monkshood) : [123](#)
- pomegranate (*dāḍima*) *Punica granatum*  
Linn. [GVDB](#): 201–202 : [65](#), [99](#), [100](#)
- pondweed (*paripelavā*) Normally a neuter  
noun. T. B. Singh and Chuneekar  
([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. : [134](#)
- pondweed (*śevāla*) *Zannichellia palustris*  
L. See [horned pondweed](#) : [27](#)
- portia tree (*pārīṣa*) *Thespesia populnea*  
(L.) Sol. ex. Corr. See [ADPS](#): 352 :
- prickly chaff-flower (*apāmārga*)  
*Achyranthes aspera*, L. See [GJM1](#): 524 f,  
[AVS](#): 1, 39, [ADPS](#): 44 f, [AVS](#): 3, 2066 f,  
[Dymock](#): 3, 135 : [41](#), [45](#), [93](#), [221](#)
- prickly chaff-flower (*vaśira*) also *vaśīra*.  
Perhaps *Achyranthes aspera*, L.  
[GVDB](#): 362 describes several possible  
identities, including *sūryāvarta*, [prickly](#)  
[chaff-flower](#) and *markaṭaṭṛṇa*. See also  
*vasukavasira* ([GVDB](#): 363) : [221](#)
- prickly chaff-flower (*vaśira*) See [prickly](#)  
[chaff-flower](#) :
- prickly-leaved elephant's foot (*gojihvā*) →  
*gojī*. *Elephantopus scaber*, L. See  
[AVS](#): 2, 357 :
- purging nut (*dravantī*) → *mūṣikaparṇī*.  
*Jatropha curcas*, L. See [AVS](#): 3, 261,  
[NK](#): 1, #1374 :
- purging nut (*mūṣikā*) *Jatropha curcas*, L.  
See [AVS](#): 3, 261, [NK](#): 1, #1374 : [118](#)
- purple calotropis (*arka*) *Calotropis*  
*gigantea*, (L.) R. Br. See [ADPS](#): 52,  
[AVS](#): 1, 341, [NK](#): 1, #427, [Potter<sub>rev</sub>](#): 57,  
[Chopra IDG](#): 305–308 : [36](#), [45](#), [90](#)

- purple calotropis (*khadyotaka*) → arka?  
*Calotropis gigantea*, (L.) R. Br. See  
 ADPS: 52, AVS: 1, 341, NK: 1, #427,  
 Potter<sup>rev</sup>: 63:
- 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: 93, 218, 220
- racket-tailed drongo (*bhṛṅgarāja*) *Dicrurus*  
*paradiseus*. See Woodcock 1980: 123:
- radish (*mūlaka*) *Raphanus sativus*, L. See  
 NK: 1, #2098: 97, 98
- rajmahal hemp (*morāṭa*) → *mūrvī*,  
*Marsdenia tenacissima* (Roxb.) Wight  
 et Arn. Good discussion at  
 GVDB: 314–316, 324: 132
- rajmahal hemp (*mūrvī*) → *morāṭa*,  
*Marsdenia tenacissima* (Roxb.) Wight  
 et Arn. Good discussion at  
 GVDB: 314–316, 324:
- rattan (*vetra*) *Calamus rotang*, L. See  
 AVS: 1, 330, NK: 1, #413:
- red chalk (*gairika*) *gairika*: 134
- red gourd (*bimbī*) *Coccinia indica*, W. & A.  
 See PVS 1994.4.715; NK: 1, #534: 115
- ribbed gourd (*karkoṭaka*) *Luffa acutangula*,  
 (L.) Roxb.? (*Mormodica*  
*cochinchinensis*, Spreng.? Cf. *Luffa*  
*tuberosa*). See AVS: 3, 347 (NK: 1,  
 #1640 1643; NK: 1, #1520):
- rice grains (*taṇḍula*) *Oriza sativa*, Linn.  
 Same as unhusked rice (*śālī*)  
 GVDB: 174; or just "grains": 28
- rice-grain chaff (*śālitaṇḍulakāṇḍana*) See  
 chaff: 28
- rock salt (*saindhava*) See NK: 2, M#48,  
 Watt<sup>Comm</sup>: 963–971: 28, 65, 100
- rosha grass (*dhyāmaka*) *Cymbopogon*  
*martinii* (Roxb.) Wats. See AVS: 2, 285,  
 NK: 1, #177: 134
- sacred grass (*a*) *Desmostachya bipinnata*,  
 Stapf. See AVS: 2, 326, Kew:
- sacred lotus (*kamala*) *Nelumbo nucifera*,  
 Gaertn. GVDB: 73–74: 219
- sacred lotus (*padma*) *Nelumbo nucifera*,  
 Gaertn. See NK: 1, #1698: 27, 94, 116
- sacred lotus (*prapuṇḍarīka*) *Nelumbo*  
*nucifera*, Gaertn. See Dutt 110, NK: 1,  
 #1698:
- sage-leaved alangium (*aṅkollā*) *Alangium*  
*salvifolium* (Linn. f.) Wang.  
 GVDB: 5–6: 115
- sage-leaved alangium (*aṅkoṭa*) *Alangium*  
*salvifolium*, (L. f.) Wang. See  
 AVS: 1, 77; cf. NK: 1, #88:
- sal tree (*śāla*) *Shorea robusta*, Gaertn.f. See  
 AVS: 5, 124:
- sandalwood (*candana*) *Santalum album*, L.  
 See ADPS: 111, NK: 1, #2217: 94, 96, 134
- sappan wood (*pataṅga*) *Caesalpinia*  
*sappan*, L. See AVS: 1, 323, AVS: 2,  
 847 f:
- sappanwood (*pattāṅga*) Also *pattāṅga*.  
*Caesalpinia sappan*, L. AVS: 1, 323,  
 K&B: 2, 847 f, GVDB: 234: 46
- scaly, red-streaked fish (*cilicima*) An  
 unidentified fish that is absolutely not  
 to be eaten with milk. Described in  
 Bhela (1.12.7), Caraka (1.26.83) and  
 Suśruta (1.20.8, 13). Circular, red  
 streaks, round eyes and prominent  
 scales, and "normally goes on land.":
- scarlet mallow (*bandhujīva*) *Pentapetes*  
*phoenicea*, L. NK: #1836, GVDB: 268:  
 117
- scented pavonia (*bālaka*) *Pavonia odorata*,  
 Willd. See ADPS: 498, NK: 1, #1822:  
 134
- scented pavonia (*toya*) → *bālaka*? *Pavonia*  
*odorata*, Willd. ADPS: 498, NK: 1,  
 #1822:
- scutch grass (*dūrvā*) *Cynodon dactylon*  
 (Linn.) Pers. (GVDB: 205): 217
- 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.): 95, 132

- sesame (*tila*) *Sesamum indicum* L.  
GVDB: 183 :
- sesame oil (*taila*) *Sesamum indicum* L.  
GVDB: 183 : 45
- sheep (*urabhra*) *Ovis orientalis*, Gmelin?.  
See BIA 249 :
- silk-cotton tree (*śālmālī*) *Bombax malabarica*. See Issar: 152 :
- siris (*śirīṣa*) *Albizia lebbbeck*, Benth. See AVS: 1, 81, NK: 1, #91 : 132
- siris seeds (*śirīṣamāṣaka*) *Albizia lebbbeck*, Benth. See AVS: 1, 81, NK: 1, #91 : 115
- small-flowered crape myrtle (*sidhraka*) *Lagerstroemia parviflora* Roxb. See GVDB: 432 : 138
- 'snake mallow' (*mahābalā*) → *sahadevā*. *Sida spinosa*, L. See NK: 1, #2301, ADPS: 74, Index Kewensis :
- 'snake-killer' (*sarpaghātī*) unknown. See ? :  
snakeroot (*sugandhā*) → *sarpagandhā* *Rauvolfia serpentina* Benth. ex. Kurz. See *sarpagandhā*. But may be *Aristolochia indica* Linn. Has been identified with *nākulī*, or *gandhanākulī*. See (GVDB: 219, 436) : 122
- soda crystals (*suvarjikā*) Sodium carbonate. See NK: 2, #45 :
- spikenard (*jaṭāmāṁsī*) *Nardostachys jatamansi* DC GVDB: 163, etc :
- spikenard (*māṁsī*) *Nardostachys grandiflora*, DC. See NK: 1, #1691 : 134
- spikenard (*nalada*) → *māṁsī*. *Nardostachys grandiflora*, DC. See NK: 1, #1691 : 113
- spiny bitter cucumber (*karkāruka*) *Momordica cochinchinensis* (Lour.) Spreng., (Thunb.) Cogn. See AVS: 2, 1135, IGP 754 (or Beninkasa hispida? AVS: 2, 1127; cf. AVS: 1, 261) :
- strychnine tree (*viṣamuṣṭika*) *Strychnos nux vomica* Linn. GVDB: 373 : 221
- sugar (*sitā*) Ḍalhaṇa makes this equation at 1.37.25 (Su 1938: 162) : 134
- sugar (*śarkara*) *Saccharum officinarum*, Linn. NK: #2182 : 119
- sugar cane (*ikṣu*) *Saccharum officinarum*, Linn. NK: #2182 : 119
- sunflower (*sūryavallī*) → *ādityavallī*, *sūryamukhī*, *Helianthus annuus* Linn. GVDB: 35, 443 : 132
- swan (*haṁsa*) *haṁsa*. ?. See ? :
- sweet flag (*vacā*) *Acorus calamus* Linn. See GVDB: 352–355 : 93, 100
- sweet melon (*ervārūka*) *Cucumis melo*, L. See AVS: 2, 227; AVS: 2, 1140–3, IGP 325–6, NK: 1, #729 (*C. momordica*) :
- sweet plants (*madhuravarga*) The sweet plants are enumerated at *Suśrutasaṁhitā* 1.42.11. See also GVDB: 127 : 45
- sweet-scented oleander (*aśvamāra*) *Nerium oleander*, L. See ADPS: 223, NK: 1, #1709 :
- sweet-scented oleander (*aśvamāraka*) *Nerium oleander*, L. See ADPS: 223, NK: 1, #1709 : 122
- teak (*śāka*) *Tectona grandis*, L.f. See AVS: 5, 245, (MW: 1061) :
- Tellicherry bark (*kuṭaja*) *Holarrhena pubescens* Wall. ex G. Don, with *Wrightia tinctoria* and *W. arborea* considered GVDB: 101–102, ADPS: 267–270 : 90, 216
- thorn apple (*karambha*) *Datura metel*, L. See GVDB: 76 for useful discussion. Also, AVS: 2, 305 (cf. *Abhidhānamañjarī*), NK: 1, #796 ff. Potter<sub>rev</sub>: 292 f, ADPS: 132. Possibly the same plant as plumed cockscomb (*indīvara*) (GVDB: 76, 44–45) : 123, 214, 221
- three heating spices (*tryūṣaṇa*) *śuṇṭhī* (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 : 133
- three-leaf soapberry (*ariṣṭaka*) *Sapindus*

- trifolius L. (GVDB: 22) :  
 three-leaved caper (*varuṇa*) Crataeva  
 magna (Lour.) DC. See AVS: 2, 202; cf.  
 NK: 1, #696 : 118  
 top layer of fermented liquor (*surāmaṇḍa*)  
 K&B: 2, 502, NK: 2, appendix VI, #49,  
 McHugh 2021: 39 : 43, 44  
 tree cotton (*kārpāsa*) G. arboreum L.  
 ADPS: 231. Pace the identifications of  
 T. B. Singh and Chuneekar (GVDB: 92,  
 247), since G. barbadense L. is native to  
 South America and G. herbaceum L.  
 which is native to Africa : 42, 224  
 tree cotton (*picu*) See tree cotton (*kārpāsa*) :  
 44, 46  
 turmeric (*gaūrī*) Curcuma longa, L. See  
 ADPS: 169, AVS: 2, 259, NK: 1, #750 : 94  
 turmeric (*haridrā*) Curcuma longa Linn.  
 GVDB: 465 : 95, 133, 139  
 turmeric (*rajanī*) Curcuma longa, L.  
 ADPS: 169, AVS: 2, 259, NK: 1, #750 :  
 28, 134  
 turpeth (*trivṛt*) → *trvṛtā*. Operculina  
 turpethum (Linn.) Silva Manso =  
 Ipomoea turpethum R. Br. GVDB: 197 :  
 88, 119, 170, 214  
 two kinds of salt (*vasukavasira*) See the  
 discussion by T. B. Singh and Chuneekar  
 (GVDB: 362–363), who note that when  
*vasuka* is mentioned together with  
*vasira*, two varieties of salt are often  
 meant (see *vasukavasirā*) : 65  
 unhusked rice (*śāli*) Oriza sativa, Linn.  
 GVDB: 395–396 : 28, 222  
 various kinds of honey (*madhuvarga*)  
*Suśrutasaṃhitā*'s eight categories of  
 honey. See *Suśrutasaṃhitā* 1.45.132 and  
 Dutt: 278–279 :  
 velvet-leaf (*pāṭhā*) Cissampelos pariera, L.  
 See ADPS: 366, NK: 1, #592, GJM1: 573,  
 AVS: 1, 95; cf. AVS: 2, 277 : 36, 85,  
 100, 132  
 velvet-mite (*indragopa*) Kerria lacca  
 (Kerr.). Lienhard 1978 : 114  
 verbena (*bhāṛṅgī*) → *phañjī*.  
 Clerodendrum serratum, L. See  
 AVS: 2, 121, ADPS: 87 :  
 verbena (*phañjī*) Clerodendrum serratum,  
 L. See AVS: 2, 121, ADPS: 87 : 117  
 'Virāṭa's plant' (*vairāṭaka*) unknown. See ? :  
 watered buttermilk (*udaśvit*) MW: 183 : 115  
 watermelon (*kāḷindaka*) Citrullus lanatus  
 (Thunb.) Matsum & Nak. See IGP  
 257, NK: 1, #596, AVS: 2, 1149 :  
 weaver's beam tree (*muṣkaka*) Schrebera  
 swietenoides, Roxb. See AVS: 5, 88,  
 Lord, NK: 1, #2246 : 90, 138  
 'web-milk' (*jālakṣīri*) unknown. See ? :  
 wheat (*godhūma*) Triticum vulgare, L. See  
 HK: 744 :  
 white babool (*arimeda*) Acacia  
 leucophloea, (Roxb.) Willd. See  
 AVS: 1, 23 : 36  
 white calotropis (*alarka*) Calotropis  
 procera, (Ait.) R. Br. See NK: 1, #428,  
 Chopra: 46b, Chopra IDG: 305–308 : 45  
 white clitoria (*Xsitā*) → *śvetā*? Clitoria  
 ternatea, L. See AVS: 2, 129, NK: 1,  
 #621 :  
 white clitoria (*giryāhvā*) → *śvetā*. Clitoria  
 ternatea, L. See AVS: 2, 129, NK: 1,  
 #621 :  
 white clitoria (*śvetā*) → *giryāhvā*. Clitoria  
 ternatea, L. See AVS: 2, 129, NK: 1,  
 #621 : 116  
 white cutch tree (*somavalka*) Acacia  
 polyacantha, Willd. See AVS: 1, 30, IGP  
 7, GJM1: 602, AVS: 2, 935; pace NK: 1,  
 #1038 : 117, 138  
 white dammer tree (*sarja*) Vateria indica,  
 L. See NK: 1, #2571, AVS: 5, 349 f,  
 AVS: 1, 292 f, Chopra: 253a : 36  
 white siris (*kiñihī*) Albizia procera, (Roxb.)  
 Benth. See GVDB 98, NK: 1, #93 : 133  
 white teak (*kāśmarī*) → *madhuparnī*.  
 Gmelina arborea, Roxb. See GJM1: 543,  
 Trees: 51, ADPS: 240 : 94, 96  
 white water-lily (*kumuda*) Nymphaea alba,  
 Linn. GVDB: 105 : 27  
 wild asparagus (*bahuputrā*) → *nandana*?



- Asparagus racemosus, Willd. See further [wild asparagus](#) (*śatāvarī*) : 117
- 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: 92–94, 96, 170, 225
- wild celery (*agnika*) → may be *bhallātaka*, *lāṅgalī*, *ajamodā*, *moraṭa*, or *agnimantha*, [GVDB](#): 4. Uncertain : 132
- wild celery (*ajamodā*) *Apium graveolens*, L. : 132
- wild chinchona (*kādamba*) *Anthocephalus cadamba*, Miq. See [NK](#): 1, #204 :
- wild mustard (*saurīyaka*) *Cleome viscosa*, L.? (cf. *Rā.4.144*). See [AVS](#): 2, 116, [NK](#): 1, #615 :
- Withania* (*aśvagandhā*) *Withania somnifera* (L.) Dunal. See [AVS](#): 5, 409 f, [Dymock](#): 2, 566 f., *Chevallier* 150 : 45, 89, 95
- wolfsbane (*vatsanābha*) *Aconitum napellus*, L. See [AVS](#): 1, 47, [NK](#): 1, #42, [Potter<sub>rev</sub>](#): 4 f. Or *Aconitum chasmanthum* Stapf ex Holmes, [GVDB](#): 357 : 213
- wood apple (*kapittha*) *Limonia acidissima*, L. See [AVS](#): 3, 327, [NK](#): 1, #1021 : 95, 116, 118
- woodrose (*mūṣikakarṇī*) *Jatopha curcas*, L. [AVS](#): 3, 261, [NK](#): 1, #1374. [GVDB](#): 317; [ADPS](#): 23–25 discuss this issue well : 116, 117
- woodworm (*ghuṇa*) See [note to Atharvaveda 4.16](#) :
- yellow-berried nightshade (*kṣudrā*) *Solanum virginianum*, L. See [ADPS](#): 100, [NK](#): 1, #2329, [AVS](#): 5, 164 : 133, 134



## Glossary

- abīja* (seedless): 64  
 afflicted (*upasṛṣṭa*): 64  
*ārtava* (seasonal blood): 64  
*asādhya* (incurable): 64  
*āsthāpana* (tisane): 65  
  
*basti* (instillation): 64  
 blood (*śoṇita*): 63f  
 blood (*rakta*): 64  
  
 caustic (*kṣāra*): 65  
 curable (*sādhya*): 64  
  
 decomposition (*kuṇapa*): 63f  
*doṣa* (pathology): 64  
  
 foul-smelling pus (*pūtipūya*): 64  
  
*granthi* (lumps): 63  
  
 humoral colligation (*sannipāta*): 64  
  
 incurable (*asādhya*): 64  
 instillation (*basti*): 64  
  
*kriyā* (treatment): 64  
*kṣāra* (caustic): 65  
*kṣīṇa* (low volume): 63  
*kuṇapa* (decomposition): 63  
*kuṇapa* (smell of decomposition): 64  
*kuṇapa* (decomposition): 64  
  
 low volume (*kṣīṇa*): 63  
 lumps (*granthi*): 63  
  
*māruta* (wind): 64  
  
 pathology (*doṣa*): 64  
*pūtipūya* (foul-smelling pus): 64  
*pūtipūya* (stinking pus): 63  
  
*rakta* (blood): 64  
*retas* (semen): 63  
  
*sādhya* (curable): 64  
*sannipāta* (humoral colligation): 64  
 seasonal blood (*ārtava*): 64  
 seedless (*abīja*): 64  
 semen (*retas*): 63  
 smell of decomposition (*kuṇapa*): 64  
*śoṇita* (blood): 63f  
 sperm (*śukra*): 63  
 stinking pus (*pūtipūya*): 63  
*śukra* (sperm): 63  
  
 tisane (*āsthāpana*): 65  
 treatment (*kriyā*): 64  
  
*upasṛṣṭa* (afflicted): 64  
 urethral instillation (*uttarabasti*): 64  
*uttarabasti* (urethral instillation): 64  
  
 wind (*māruta*): 64





# Todo list

Can't be "sedation" . . . . .	37
JG could you provide a standard citation reference for this information? . . . . .	63
find out about uttarabasti . . . . .	64
passage in N . . . . .	66
This is a change we should make in the edition. . . . .	85
You need not give all the grammatical details about śrotādi. Assume you are talking to knowledgeable Sanskrit scholars. . . . .	86
Perhaps <i>kalka</i> here could also mean the <i>Terminalia Bellerica</i> (विभीतक). . . . .	88
Euphorbia Antiquorum (Antique spurge) . . . . .	90
The webpage <a href="https://hindi.shabd.in/vairagya-shatakam-bhagacharya-arjun-tiwari/post/117629">https://hindi.shabd.in/vairagya-shatakam-bhagacharya-arjun-tiwari/post/117629</a> says that this verse belongs to the <i>Nītiratna</i> . I could not find this text. . . . .	93
The provisional edition should be modified accordingly. . . . .	95
There, Ḍalhaṇa comments that deliberation on <i>avapīḍa</i> had been done earlier when it was mentioned. Find that description to know more details. . . . .	97
Search for the section where the treatment of <i>ākṣepaka</i> is described. . . . .	98
Make the first letter of sentence capital. . . . .	98
? . . . . .	104
? . . . . .	104
? . . . . .	104
(?) . . . . .	104
Cf. Arthaśāstra 1.21.8. . . . .	112
I'm still unhappy about this verse. . . . .	115
Mention this in the introduction as an example of the scribe knowing the vulgate. . . . .	115
fn about sadyas+ . . . . .	115

■ Bear's bile instead of deer's bile. . . . .	116
■ punarṇṇavā in the N & K MSS . . . . .	117
■ śrita for śṛta . . . . .	117
■ explain more . . . . .	118
■ Medical difference from Sharma. . . . .	118
■ example where the vulgate clarifies that these should be used separately; appears to be a gloss inserted into the vulgate text. . . .	118
■ The two uses of prāpta are hard to translate. prāptāḥ → kṣipraṃ is an example of the vulgate banalizing the Sanskrit text to make sense of a difficult passage. . . . .	118
■ √ vyadh not √ vedh (also elsewhere and for the ears), causative optative. . . . .	118
■ -> ativiṣa . . . . .	128
■ Look up the ca. reference. . . . .	128
■ Come back to the issue of "kalpa". Look up passages in the Kośa. . .	135
■ write footnote: don't repeat ativiṣā; vulgate similar to H. . . . .	139
■ material corresponds to SS.1.45.205ab, where it describes how alcohol affects the body. . . . .	141
■ Or "There are 20 phaṇins and 6 maṇḍalins. The same number are known. There are 13 Rājīmats." Or even, "there are 20 Phaṇins and six of them are Maṇḍalins." Are phaṇins really the same as darvīkaras? . . . . .	147
■ grammar . . . . .	148
■ ri- ṛ-? . . . . .	150
■ varṇa means "colour" elsewhere? . . . . .	151
■ where is cutting with a knife related to removing bile or phlegm. .	164
■ maṣī burned charcoal. Find refs. . . . .	164
■ find ref. . . . .	169
■ Check out these refs. . . . .	170
■ meaning of kalpa . . . . .	170
■ or a dual? . . . . .	175
■ Footnote here about who is speaking to whom. . . . .	143
■ a kind of asthma? . . . . .	149
■ Not happy with the last part. . . . .	149
■ connecting with the previous pāda? . . . . .	149
■ (atyartha? excessive?) . . . . .	150
■ for...dvādaśādhikāḥ? not clear to me, is it dvādaśādhikāḥ? . . . .	150
■ (any better medical terms for them?) . . . . .	150

■ (since the word lagha is not clear to me) . . . . .	151
■ (Not too happy with it.) . . . . .	151
■ (not sure about it) . . . . .	151
■ (Not in vulgate) . . . . .	151
■ (I am looking for a better translation) . . . . .	151
■ (I'd need to rework on it). . . . .	152
■ (I'd need to rework on it and think about the sequencing of the number). . . . .	152
■ (āmadoṣa? Not too sure) . . . . .	152
■ (2nd hemistich is incomplete) . . . . .	152
■ (not too sure about the meaning of vyapada) . . . . .	152
■ not so sure about sodāvarte . . . . .	152
■ not so sure about it, MW mentions others like Cordia Myxa and Alangium hexapetalum . . . . .	153
■ not sure about it . . . . .	153
■ (sāmāhāya- any better word?) . . . . .	153
■ Not so happy with this translation . . . . .	154
■ ( Not happy with it) . . . . .	155
■ (the second hemistich is incomplete) . . . . .	155
■ can śṛta mean here boiled milk? Not happy with the last part . . .	155
■ the rest of the text is unclear to me . . . . .	155
■ (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 Ḍalhaṇa at 1.1.1 (Su 1938: 1) . . . . .	169
■ See chapter 40 of Sūtrasthāna. . . . .	170
■ vasā / medas / majjan . . . . .	170
■ Does bhūtādi a compound or it means ahaṅkāra or ego? . . . . .	171

