



Review Article

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MEDICINAL PLANTS FOR THE TREATMENT OF FEVER IN THE BHAVAPRAKASH NIGHANTU: A REVIEW

Daharia Madhuri ¹, Patel Akanksha ¹, Gupta Rakshapal ², Rout Om Prakash ^{3*}¹M.D. Scholar, Post Graduate Department of Dravyaguna, Govt. Ayurved College, Raipur, Chhattisgarh, India²Professor & HOD, Post Graduate Department of Dravyaguna, Govt. Ayurved College, Raipur, Chhattisgarh, India³Lecturer, Post Graduate Department of Dravyaguna, Govt. Ayurved College, Raipur, Chhattisgarh, India

Received on: 10/08/17 Accepted on: 22/09/17

***Corresponding author**

E-mail: omprakashrout2000@gmail.com

DOI: 10.7897/2277-4343.085271

ABSTRACT

Traditional medicines play important role in the solution of health problems. Maximum population of underdeveloped countries rely on traditional system of medicine. Fever is said that out of all forms of diseases it is the most significant one. It starts before birth and also occurs during death. According to Ayurveda, jvara (fever) can either be a disease or a symptom of another disease. Jvara (fever) as a disease is classified into eight categories. Jvara (fever) as a symptom is found in infectious diseases or diseases classified within the character of Pitta. An attempt has been made for the first time to find out and enlist the medicinal plants mentioned in Bhavaprakasha Nighantu for the treatment of fever. Out of 426 drugs 129 were described for the treatment of Jvara (fever) throughout the text which includes herbal, mineral & animal origin drugs. In this article we have made an effort to compile all the Jvaraghna (antipyretic) drugs which are described in Bhavaprakasha Nighantu.

Keywords: Jvara, Ayurveda, Bhavaprakasha Nighantu.**INTRODUCTION**

Jvara (fever) is an important and critical among all the diseases because, it affects each and every living being on earth. Atharvaveda refers to this as 'Takman' and believes that gods inflict diseases. For example, Takman is the son of God Varuna. Takman and Kiisika (cough) are Rudra's weapons. Several names/varieties of Takman, and a few drugs for its treatment are also mentioned in Atharvaveda. Jvara (fever) has also been referred to, in other non-medical literature like Mahabharata (one of the two greatest epics of India), Brihat samhita, Garuda purana, Agni purana etc. Amongst all the diseases, Jvara (fever) is described first because, it is the earliest (in appearance) of the somatic diseases.¹ It is originated by the anger of Lord Maheswara.² According to Caraka, Jvara by nature is related to the God of death and is known as Ksaya (wasting), Tamas

(cause loss of consciousness), Papa (sinful) and Mrityu (death) because it leads the person suffering from their own deeds to fineness (death due to bereft of the Atma, the consciousness and when only five Adhara bhutas remain).³

Bhavaprakasha Nighantu, written in 16th century by Bhavamishra because the Lexicons which are found to be developed later on are based upon Brihatrayi and Bhavaprakash is deemed to developed this from all samhita (text) and scientifically used for various classification of the drugs found in ancient drug related text of Ayurveda. In Bhavaprakasha there are 23 Vargas. In most of these Varga Jvaraghna (antipyretic) drugs are mentioned. There are 129 Jvaraghna (antipyretic) drugs mentioned in Bhavaprakasha Nighantu. These drugs are of herbal, mineral and animal origin. In this article a detailed review on these drugs have been made from various texts.⁴⁻⁸

Table 1A: Haritakyadi Varga

Dravya	Botanical name	Family	Part used	Karma	Reference
Haritaki	<i>Terminalia chebula</i>	Combretaceae	Phala	Vishama Jvarahara	1/21
Ardraka	<i>Zingiber officinale</i>	Zingiberaceae	Kanda	Jvaraghna	1/52
Pippali	<i>Piper longum</i>	Piperaceae	Phala & Mula	Jvaraghna	1/55
Dhanyaka	<i>Coriandrum sativum</i>	Umbelliferae	Phala & Panchanga	Jvaraghna	1/88
Shatpushpa	<i>Anethum sowa</i>	Umbelliferae	Phala	Jvaraghna	1/91
Mishreya	<i>Foeniculum vulgare</i>	Umbelliferae	Phala & Mula	Jvaraghna	1/91
Methi	<i>Trigonella foenum-graecum</i>	Leguminosae	Panchanga & Beeja	Jvaraghna	1/95
Vanshlochana	<i>Bambusa arundinacia</i>	Graminae	Moola, patrankura, phala, patra & vanshlochana	Jvaraghna	1/117
Meda	<i>Polygonatum verticillatum</i>	Liliaceae	Kanda	Jvaraghna	1/131
Mahameda	<i>Polygonatum cirrhifolium</i>	Liliaceae	Kanda	Jvaraghna	1/131
Kakoli	<i>Roscoeia procera</i>	Zingiberaceae	Kanda	Jvaraghna	1/131
Ksheerkakoli	<i>Lilium polyphyllum</i>	Liliaceae	Kanda	Jvaraghna	1/131
Aragvadha	<i>Cassia fistula</i>	Leguminosae	Phalamajja, Mulatwaka, Pushpa & Patra	Jvaraghna	1/148
Kutki	<i>Picrorrhiza kurroa</i>	Scrophulariaceae	Mula	Kaphapittaj Jvarahara	1/152

Kiratitakta	<i>Swertia chirayata</i>	Gentianaceae	Panchanga	Jvaraghna	1/155
Indrayava	<i>Holarrhena antidysenterica</i>	Apocynaceae	Beeja	Jvaraghna	1/159
Rasna	<i>Pluchea lanceolata</i>	Compositae	Patra	Jvaraghna	1/164
Nakuli	<i>Rauwolfia serpentina</i>	Apocynaceae	Mula	Jvaraghna	1/166
Pushkarmoola	<i>Inula racemosa</i>	Compositae	Mula	Vatakapha Jvarahara	1/175
Katphala	<i>Myrica esculenta</i>	Myricaceae	Twaka	Jvaraghna	1/181
Bharangi	<i>Clerodendron serratum</i>	Verbenaceae	Mula	Jvaraghna	1/183
Laksha	<i>Laccifer lacca</i>	Laciferaceae	-	Jvaraghna	1/194
Bakuchi	<i>Psoralea corylifolia</i>	Fabaceae	Beeja	Jvaraghna	1/208
Lodhra	<i>Symplocos racemosa</i>	Symplocaceae	Twaka	Jvaraghna	1/216
Rasona	<i>Allium sativum</i>	Liliaceae	Kanda	Jeerna Jvarahara	1/223
Bhallataka	<i>Semecarpus anacardium</i>	Anacardiaceae	Phala	Jvaraghna	1/232

Table 1B: Properties of Haritakyadi Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Haritaki	Madhura, Amla, Katu, Tikta & Kashaya	Laghu, Ruksha	Ushna	Madhur	Tridosahar
Ardraka	Katu	Guru, Ruksha & Tiksha	Ushna	Katu	Kaphavata shamaka
Pippali	Katu	Laghu, SNigha & Tikshna	Unushna sheeta	Madhura	Kaphavata shamaka
Dhanyaka	Kashaya, Tikta, Madhura & Katu	Laghu, Snigdha	Ushna	Madhura	Tridosahar
Shatpushpa	Katu, Tikta	Laghu, Ruksha & Tikshna	Ushna	Katu	Kaphavata shamaka
Mishreya	Madhura, Katu & Tikta	Laghu & Snigdha	Sheeta	Madhura	Vatapitta Shamaka
Methi	Katu	Laghu & Snigdha	Ushna	Katu	Vatashamaka
Vanshlochana	Madhura & Kashaya	Ruksha, Laghu & Tiksha	Sheeta	Madhura	Vatapittashamaka
Meda	Madhura	Guru	Sheeta	Madhura	Vatapittashamaka
Mahameda	Madhura	Guru	Sheeta	Madhura	Vatapittashamaka
Kakoli	Madhura	Guru	Sheeta	Madhura	Vatapittashamaka
Ksheerkakoli	Madhura	Guru	Sheeta	Madhura	Vatapittashamaka
Aragvadha	Madhura	Guru, Mridu & Snigdha	Sheeta	Madhura	Vatapittashamaka
Kutki	Tikta	Ruksha & Laghu	Sheeta	Katu	Kaphapitta shamaka
Kiratitakta	Tikta	Ruksha & Laghu	Ushna	Katu	Tridoshamaka
Indrayava	Tikta & Kashaya	Ruksha & Laghu	Sheeta	Katu	Kaphapittashamaka
Rasna	Tikta	Guru	Ushna	Katu	Vatakaphashamak
Nakuli	Tikta	Ruksha	Ushna	Katu	Kaphavatashamaka
Pushkarmoola	Tikta & Katu	Laghu & tikshna	Ushna	Katu	Kaphavatashamaka
Katphala	Kashaya Tikta & Katu	Laghu & tikshna	Ushna	Katu	Kaphavatashamaka
Bharangi	Tikta & Katu	Laghu & tikshna	Ushna	Katu	Kaphavatashamaka
Laksha	Kashaya	Laghu & snigdha	Unushna sheeta		Kapha-pitta shamaka
Bakuchi	Tikta & Katu	Laghu & Ruksha	Ushna	Katu	Kaphavatashamaka
Lodhra	Kashaya	Ruksha & Laghu	Sheeta	Katu	Kaphapitta shamaka
Rasona	Madhura, Lawana, Katu, Tikta & Kashaya	Snigdha, tikshna, pichhila, guru & sara	Ushna	Katu	Kaphavatashamaka
Bhallataka	Katu, Tikta & Kashaya	Laghu, Snigha & Tikshna	Ushna	Madhura	Kaphavatashamaka

Table 2A: Karpuradi Varga

Dravya	Botanical name	Family	Part used	Karma	Reference
Raktachandana	<i>Pterocarpus santalinus</i>	Leguminosae	Kaandasara	Jvaraghna	2/17
Deodaru	<i>Cedrus deodara</i>	Pinaceae	Kaandasara	Jvaraghna	2/25
Raala	<i>Shorea robusta</i>	Dipterocarpaceae	Twaka & niryasa	Jvaraghna	2/49
Kundaru	<i>Boswellia serrata</i>	Burseraceae	Twaka & niryasa	Jvaraghna	2/51
Shilarasa	<i>Liquidambar orientalis</i>	Hamamelidaceae	Niryasa	Jvaraghna	2/53
Nakha nakhi	<i>Helix aspera</i>	Helicidae	Mukhawarana	Jvaraghna	2/82
Veerana - Khasa	<i>Vetiveria zizanioidis</i>	Graminae	Mula	Jvaraghna	2/85
Mustaka	<i>Cyperus rotundus</i>	Cyperaceae	Kanda	Jvaraghna	2/94
Mura	Sandigdha	-	-	Jvaraghna	2/98
Priyangu	<i>Callicarpa macrophylla</i>	Verbenaceae	Pushpa	Jvaraghna	2/103
Sthouneyaka	Sandigdha	-	Patra & Mula	Jvaraghna	2/111
Granthiparna	<i>Angelica glauca</i>	Umbelliferae	Mula	Jvaraghna	2/113
Sprikka	Sandigdha	-	-	Jvaraghna	2/126
Nalika	Sandigdha	-	-	Jvaraghna	2/130

Table 2B: Properties of Karpuradi Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshaghnata
Raktachandana	Tikta & Madhura	Ruksha & Guru	Sheeta	Katu	Kaphapittashamaka
Deodaru	Tikta	Laghu & snigdha	Ushna	Katu	Kaphavataashamaka
Raala	Kashaya & Madhura	Ruksha	Sheeta	Katu	Kaphapittashamaka
Kundaru	Kashaya, Tikta & Madhura	Ruksha & Laghu	Ushna	Katu	Kaphapittashamaka
Shilarasa	Tikta, Katu & Madhura	Laghu & snigdha	Ushna	Katu	Kaphavataashamaka
Nakha nakhi	Katu	Laghu	Ushna	Katu	Kaphavataashamaka
Veerana	Tikta & Madhura	Laghu & Ruksha	Sheeta	Katu	Kaphapittashamaka
Mushtaka	Tikta, Katu & Kashaya	Ruksha & Laghu	Sheeta	Katu	Kaphapittashamaka
Mura	Tikta	Laghu	Sheeta	-	Pittavataashamaka
Priyangu	Tikta, Kashaya & Madhura	Ruksha & Guru	Sheeta	Katu	Tridoshashamaka
Sthouneyaka	Katu & Tikta	Snigdha	-	-	Tridoshashamaka
Granthiparna	Tikta & Katu	Laghu & Tikshna	Ushna	Katu	Kaphavataashamaka
Sprikka	Tikta	Laghu	Sheeta	Katu	Tridoshashamaka
Nalika	-	Laghu	Sheeta	-	Tridoshashamaka

Table 3A: Guduchyadi Varga

Dravya	Botanical name	Family	Part used	Karma	Reference
Guduchi	<i>Tinospora cordifolia</i>	Menispermaceae	Kaanda	Jvaraghna	3/10
Gambhari	<i>Gmelina arborea</i>	Verbenaceae	Mula & Phala	Jvaraghna	3/16
Shalparni	<i>Desmodium gangeticum</i>	Leguminosae	Panchanga	Jvaraghna	3/32
Prishniparni	<i>Uraria lagopoides</i>	Leguminosae	Mula	Jvaraghna	3/35
Vartaki	<i>Solanum indicum</i>	Solanaceae	Mula & Phala	Jvaraghna	3/37
Kantkari	<i>Solanum surattense</i>	Solanaceae	Panchanga	Jvaraghna	3/41
Mudgaparni	<i>Phaseolus trilobus</i>	Leguminosae	Panchanga & Mula	Jvaraghna	3/54
Eranda	<i>Ricinus communis</i>	Euphorbiaceae	Mula, Patra, Beeja & Taila	Jvaraghna	3/63
Sehunda	<i>Euphorbia neriifolia</i>	Euphorbiaceae	Mula, kaanda, Patra, & Ksheera	Jvaraghna	3/75
Dhatura	<i>Datura metel</i>	Solanaceae	Patra, Pushpa & Beeja	Jvaraghna	3/86
Vasa	<i>Adhatoda vasica</i>	Acanthaceae	Mula, Patra & Pushpa	Jvaraghna	3/90
Pittapada	<i>Fumaria vaillantii</i>	Fumariaceae	Panchanga	Jvaraghna	3/92
Nimba	<i>Azadirachta indica</i>	Meliaceae	Pushpa, Patra, Twaka, Beeja & Taila	Jvaraghna	3/94
Sindhuvar	<i>Vitex negundo</i>	Verbenaceae	Patra, Mula & Beeja	Kaphaja Jvarahara	3/114
Gunja	<i>Abrus precatorius</i>	Leguminosae	Patra, Mula & Beeja	Jvaraghna	3/126
Rohisha	<i>Cymbopogon martini</i>	Gramineae	Kaanda, Patra, Pushpa & Taila	Kaphaja Jvaraghna	3/168
Gandadurva	Variety of <i>Cynodon dactylon</i>	Gramineae	Panchanga	Pittaja Jvarahara	3/176
Patha	<i>Cissampelos pareira</i>	Menispermaceae	Mula & Bhaumika kaanda	Jvaraghna	3/192
Shweta trivrita	<i>Operculina turpethum</i>	Convolvulaceae	Mulatwaka	Pittaja Jvarahara	3/194
Sharpunkha	<i>Tephrosia purpuria</i>	Leguminosae	Mula, Panchanga & Kshara	Jvaraghna	3/210
Jawasa	<i>Alhagi camelorum</i>	Leguminosae	Panchanga & Yasasharkara	Jvaraghna	3/213
Dhamasa	<i>Fagonia arabica</i>	Zygophyllaceae	Panchanga	Jvaraghna	3/213
Kumari	<i>Aloe barbadensis</i>	Liliaceae	Patra	Kaphaja jwar	3/230
Sariva	<i>Hemidesmus indicus</i>	Asclepiadaceae	Mula	Jvaraghna	3/238
Traymana	<i>Gentiana kurroo</i>	Gentianaceae	Mula	Jvaraghna	3/243
Murva	<i>Marsdenia tenacissima</i>	Asclepiadaceae	Mula	Jvaraghna	3/245
Kakamachi	<i>Solanum nigrum</i>	Solanaceae	Panchanga & phala	Jvaraghna	3/247
Kakajangha	<i>Lea hirta</i>	Vitaceae	Panchanga & Mula	Jvaraghna	3/251
Brahmi	<i>Bacopa monnieri</i>	Scrophulariaceae	Panchanga	Jvaraghna	3/281
Mandukaparni	<i>Centella asiatica</i>	Umbelliferae	Panchanga	Jvaraghna	3/281
Suwarchala	<i>Gynandropsis pentaphylla</i>	Capparidaceae	Patra, Beeja & Mula	Jvaraghna	3/286
Gojihva	<i>Onosma bracteata</i>	Boraginaceae	Patra & Pushpa	Jvaraghna	3/298
Kukundar	<i>Blumea lacera</i>	compositae	Mula & Patra	Jvaraghna	3/306

Table 3B: Properties of Guduchyadi Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Guduchi	Tikta & Kashaya	Guru & Snigdha	Ushna	Madhura	Tridoshashamaka
Gambhari	Tikta, Kashaya & Madhura	Guru	Ushna	Katu	Tridoshashamaka
Shalparni	Madhura & Tikta	Guru & Snigdha	Ushna	Madhura	Tridoshashamaka
Prishniparni	Madhura & Tikta	Laghu & Snigdha	Ushna	Madhura	Tridoshashamaka
Vartaki	Tikta & Katu	Laghu, Ruksha & Tikshna	Ushna	Katu	Kaphavatashamaka
Kantkari	Tikta & Katu	Laghu, Ruksha & Tikshna	Ushna	Katu	Kaphavatashamaka
Mudgaparni	Madhura	Laghu & Ruksha	Sheeta	Madhura	Tridoshashamaka
Eranda	Madhura	Snigdha, Tikshna & Sukshma	Ushna	Madhura	Kaphavatashamaka
Sehunda	Katu	Laghu & Tikshna	Ushna	Katu	Kaphavatashamaka
Dhatura	Tikta & Katu	Laghu, Ruksha, Vyavayi & Vikasi	Ushna	Katu	Kaphavatashamaka
Vasa	Tikta & Kashaya	Laghu & Ruksha	Sheeta	Katu	Kaphapittashamaka
Pittapapda	Tikta	Laghu	Sheeta	Katu	Kaphapittashamaka
Nimba	Tikta & Kashaya	Laghu	Sheeta	Katu	Kaphapittashamaka
Sindhuvar	Tikta & Katu	Laghu & Ruksha,	Ushna	Katu	Kaphavatashamaka
Gunja	Tikta & Kashaya	Laghu, Ruksha & Tikshna	Ushna	Katu	Kaphavatashamaka
Kartrina	Tikta & Katu	Laghu, Ruksha & Tikshna	Ushna	Katu	Kaphavatashamaka
Gandadurva	Tikta, Kashaya & Madhura	Laghu	Sheeta	Katu	Kaphapittashamaka
Patha	Tikta	Laghu & Tikshna	Ushna	Katu	Tridoshashamaka
Shweta trivrita	Tikta & Katu	Laghu, Ruksha & Tikshna	Ushna	Katu	Kaphapittashamaka
Sharpunkha	Tikta & Kashaya	Laghu, Ruksha & Tikshna	Ushna	Katu	Kaphavatashamaka
Jawasa	Madhura, Tikta & Kashaya	Guru & Snigdha	Sheeta	Madhura	Vatapittashamaka
Dhamasa	Madhura, Tikta, Katu & Kashaya	Laghu & Snigdha	Ushna	Madhura	Vatapittashamaka
Kumari	Tikta	Guru, Snigdha & Pichchhila	Sheeta	Katu	Kaphapittashamaka
Sarivadwaya	Madhura & Tikta	Guru & Snigdha	Sheeta	Madhura	Tridoshashamaka
Traymana	Tikta	Laghu, Ruksha	Ushna	Katu	Tridoshashamaka
Murva	Tikta, Kashaya	Guru & Ruksha	Ushna	Katu	Tridoshashamaka
Kakamachi	Tikta	Laghu & Snigdha	Unushna	Katu	Tridoshashamaka
Kakajangha	Tikta & Kashaya	-	Sheeta	Katu	Kaphapittashamaka
Brahmi	Tikta	Laghu,	Ushna	Katu	Kaphavatashamaka
Mandukaparni	Tikta	Laghu	Sheeta	Madhura	Kaphapittashamaka
Suwarchala	Katu	Ruksha & Guru	Sheeta	Madhura	Kaphavatashamaka
Gojihva	Madhura, Tikta	Laghu & Snigdha	Sheeta	Madhura	Vatapittashamaka
Kukundar	Tikta & Kashaya	Laghu, Ruksha & Tikshna	Ushna	Katu	Kaphapittashamaka

Table 4A: Pushpa Varga

Dravya	Botanical name	Family	Part used	Karma	Reference
Shaivala	<i>Ceratophyllum demersum</i>	Ceratophyllaceae	Panchanga	Jvaraghna	4/21

Table 4B: Properties of Pushpa Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Shaivala	Kashaya, Tikta, Madhura	Laghu, Snigdha	Sheeta	Katu	Pittashamaka

Table 5A: Vatadi Varga

Dravya	Botanical name	Family	Part used	Karma	Reference
Khadira	<i>Acacia catechu</i>	Leguminosae	Twak & Khadira sara	Jvaraghna	5/32

Table 5B: Properties of Vatadi Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Khadira	Tikta & Kashaya	Laghu, Ruksha	Sheeta	Katu	Kaphapittashamaka

Table 6A: Amradiphala Varga

Dravya	Botanical name	Family	Part used	Karma	Reference
Prachinamalaka	<i>Flacourtia cataphracta</i>	Flacourtiaceae	Patra & Twak	Jvaraghna	6/78
Priyal	<i>Buchanania lanzan</i>	Anacardeaceae	Twaka & Beejmajja	Jvaraghna	6/84
Parushak	<i>Grewia asiatica</i>	Tiliaceae	Phala	Jvaraghna	6/99
Dadima	<i>Punica granatum</i>	Punicaceae	Phala, Phalatwak, Mulatwka	Jvaraghna	6/102
Draksha	<i>Vitis vinifera</i>	Vitaceae	Phala	Jvaraghna	6/112
Kharjura	<i>Phoenix sylvestris</i>	Araceae	Phala & Rasa	Jvaraghna	6/119

Table 6B: Properties of Amradi Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Prachinamalaka	-	-	-	-	Pittashamaka
Priyal	Madhura	Snigdha, Guru & Sara	Sheeta	Madhura	Vatapittashamaka
Parushak	Kashaya	Laghu, Snigdha	Sheeta	Madhura	Vatapittashamaka
Dadima	Madhura, Kashaya & Amla	Laghu, Snigdha	Unushna	Madhura or Amla	Tridoshashamaka
Draksha	Madhura	Snigdha, Guru & Mridu	Sheeta	Madhura	Vatapittashamaka
Kharjura	Madhura	Snigdha, Guru	Sheeta	Madhura	Vatapittashamaka

Table 7A: Dhatwadi Varga

Dravya	Karma	Reference
Swarna	Jvaraghna	7/11
Tamra	Jvaraghna	7/27
Hingula	Jvaraghna	7/105
Bola	Jvaraghna	7/160

Table 7B: Properties of Dhatawadi Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Swarna	Madhura, Tikta & Kashaya	Guru & Pichchhila	Sheeta	Madhura	Tridoshashamaka
Tamra	Madhura, Amla, Tikta & Kashaya	Laghu	Sheeta	Katu	Kaphapittashamaka
Hingula	Tikta, Kashya & Katu	-	-	-	Kaphapittashamaka
Bola	Katu, Tikta & Kashaya	Laghu, Ruksha	Ushna	Katu	Tridoshashamaka

Table 8A: Dhanya Varga

Dravya	Botanical name	Family	Part used	Karma	Reference
Raktashali	Var. of <i>Oryza sativa</i>	Graminae	Shukayukta phala	Jvaraghna	8/15
Shashatika	Var. of <i>Oryza sativa</i>	Graminae	Shukayukta phala	Jvaraghna	8/26
Mudga	<i>Phaseolus radiatus</i>	Leguminosae	Daal	Jvaraghna	8/38
Vanamudga	<i>Phaseolus aconitifolius</i>	Leguminosae	Daal	Jvaraghna	8/49
Masoor	<i>Ervum lens</i>	Papilionaceae	Daal	Jvaraghna	8/50
Chanaka	<i>Cicer arietinum</i>	Papilionaceae	Daal	Jvaraghna	8/53
Kulatha	<i>Dolichos biflorus</i>	Leguminosae	Daal	Jvaraghna	8/62

Table 8B: Properties of Dhanya Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Raktashali	Madhura	Snigdha	Sheeta	Madhura	Tridoshagnata
Shashatika	Madhura	Laghu & snigdha	Sheeta	Madhura	Tridoshagnata
Mudga	Kashaya & Madhura	Laghu, Ruksha & Vishada	Sheeta	Katu	Kaphapittashamaka
Vanamudga	-	-	-	Madhura	Kaphapittashamaka
Masoor	Madhura	Ruksha & Laghu	Sheeta	Madhura	Kaphapittashamaka
Chanaka	Kashaya & Madhura	Ruksha & Laghu	Sheeta	Not mentioned	Kaphapittashamaka
Kulatha	Kashaya	Laghu	Ushna	Katu	Kaphapittashamaka

Table 9A: Shaka Varga

Dravya	Botanical name	Family	Part used	Karma	Reference
Shitivar	<i>Marsilea minuta</i>	Marsileaceae	Shaaka	Jvaraghna	9/32
Dronapushpi	<i>Leucas cephalotes</i>	Labiatae	Panchanga	Jvaraghna	9/34
Pittapaapda	<i>Fumaria vaillantii</i>	Fumariaceae	Panchanga	Jvaraghna	9/38
Gojihva	<i>Onosma bracteata</i>	Boraginaceae	Patra & Pushpa	Jvaraghna	9/39
Patolapatra	<i>Trichosanthes dioica</i>	Cucurbitaceae	Patra	Jvaraghna	9/40
Guduchipatra	<i>Tinospora cordifolia</i>	Menispermaceae	Patra	Jvaraghna	9/41
Katutumbi	<i>Lagenaria siceraria</i>	Cucurbitaceae	Phal, Patra Mula	Jvaraghna	9/59
Karvellaka	<i>Momordia charantia</i>	Cucurbitaceae	Panchang, Phaltwaka	Jvaraghna	9/63
Rajkoshataki	<i>Luffa acutangula</i>	Cucurbitaceae	Beeja, Phala, Patra	Jvaraghna	9/68
Patola	<i>Trichosanthes dioica</i>	Cucurbitaceae	Patra	Jvaraghna	9/70
Vrintaaka	<i>Solanum melongena</i>	Solanaceae	Phala	Jvaraghna	9/71
Karkoti	<i>Momordica dioica</i>	Cucurbitaceae	Phala & Kanda	Jvaraghna	9/86
Kantakariphala	<i>Solanum surattense</i>	Solanaceae	Phala	Jvaraghna	9/89
Mulaka (Laghu)	<i>Raphanus sativus</i>	Cruciferae	Kanda, Patra & Beeja	Jvaraghna	9/101
Hastikarna	<i>Leea macrophylla</i>	Vitaceae	Kanda	Jvaraghna	9/108
Kemuka	<i>Costus speciosus</i>	Zingiberaceae	Kanda	Jvaraghna	9/111

Table 9B: Properties of Shaka Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Shitivara	Madhur & Kashaya	Laghu & Ruksha	Sheeta	Not mentioned	Tridoshashamak
Dronapushpi	Katu	Guru, Ruksha & Tikshna	Ushna	Katu	Kaphavatashamaka
Parpata	Tikta	Laghu	Sheeta	Katu	Kaphapittashamaka
Gojihva	Madhura & Tikta	Laghu, Snigdha	Sheeta	Madhura	Tridoshashamak
Patolapatra	Not mentioned	Laghu, Snigdha	Ushna	Not mentioned	Pittashamaka
Guduchipatra	Katu, Tikta & Kashaya	Laghu	Ushna	Madhur	Tridoshashamaka
Katutumbi	Tikta	Laghu, Ruksha	Sheet	Katu	Kaphapittashamaka
Karvellaka	Tikta, Katu	Laghu, Ruksha	Ushna	Katu	Kaphapittashamaka
Rajkoshataki	Madhura	Not mentioned	Not mentioned	Not mentioned	Pittashamaka
Patola	Tikta	Laghu & Ruksha	Ushna	Katu	Tridoshashamaka
Vrintaak	Madhur	Laghu	Ushna	Katu	Tridoshashamaka
Karkoti	Tikta	Not mentioned	Ushna	Katu	Kaphavatashamaka
Kantakari	Tikta & Katu	Laghu, Ruksha & Tikshna	Ushna	Katu	Kaphavatashamaka
Mulaka	Katu & Tikta	Laghu	Ushna	Katu	Tridoshashamaka
Hastikarna	Kashaya & Tikta	Pichchhila	Ushna	Madhura	Kaphavatashamaka
Kemuka	Tikta & Katu	Laghu & Ruksha	Sheeta	Katu	Kaphapittashamaka

Table 10A: Mansa Varga

Dravya	Karma	Reference
Harina (kala)	Jvaraghna	10/42
Prishata	Jvaraghna	10/45
Mundi	Jvaraghna	10/49
Shasha	Jvaraghna	10/50
Vartaka	Jvaraghna	10/53
Tittira	Jvaraghna	10/59
Balakaja	Jvaraghna	10/77

Table 10B: Properties of Mansa Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Harina (kala)	Kashaya & Madhura	Laghu	Sheeta	Not mentioned	Tridoshashamaka
Prishata	Madhura	Laghu	Sheeta	Not mentioned	Tridoshashamaka
Mundi	Not mentioned	Not mentioned	Sheeta	Not mentioned	Not mentioned
Shasha	Madhura & Kashaya	Laghu & Ruksha	Sheeta	Katu	Tridoshashamaka
Vartaka	Not mentioned	Not mentioned	Sheeta	Not mentioned	Tridoshashamaka
Tittira	Madhura	Guru	Ushna	Not mentioned	Tridoshashamaka
Balakaja	Not mentioned	Laghu	Not mentioned	Not mentioned	Not mentioned

Table 11A: Kritanna Varga

Dravya	Karma	Reference
Mukta modaka	Jvaraghna	11/130
Vesanamodaka	Jvaraghna	11/131
Shakarodaka	Jvaraghna	11/150

Table 11B: Properties of Kritanna Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Muktamodaka	Madhura	Laghu	Sheeta	-	Tridoshashamaka
Vesanamodaka	-	Laghu	Sheeta	-	Kaphapittashamaka
Shakarodaka	Madhura	Laghu	Sheeta	-	Vatapittashamaka

Table 12A: Dugdha Varga

Dravya	Karma	Reference
Dugdha	Jeerna Jvarahara	13/4
Aja dugdha	Jvaraghna	13/16
Morata	Jvaraghna	13/34
Mathita dugdha	Jvaraghna	13/43
Dugdhafen	Jeerna Jvarahara	13/45

Table 12B: Properties of Dugdha Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Dugdha	Madhura	Snigdha	Sheeta	-	Vatapittashamaka
Aja dugdha	Kashaya & Madhura	Laghu	Sheeta	-	-
Morata	-	Guru	-	-	Pittashamaka
Mathita dugdha	-	Laghu	-	-	Tridoshashamaka
Dugdhafen	-	Laghu	-	-	Tridoshashamaka

Table 13A: Dadhi Varga

Dravya	Karma	Reference
Dadhi	Vishamjvarahara	14/2

Table 13B: Properties of Dadhi Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Dadhi	Kashayanurasa	Snigdha	Ushna	Amla	-

Table 14A: Takra Varga

Dravya	Karma	Reference
Takra	Vishamjvarahara	15/15

Table 14B: Properties of Takra Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Takra	Kashya, Amla & Madhura	Laghu	Ushna	Madhura	Vatashamaka

Table 15A: Ghrita Varga

Dravya	Karma	Reference
Ghrita	Jvaraghna	16/3
Haiyangveen	Jvaraghna	16/15

Table 15B: Properties of Ghrita Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Ghrita	Madhura	Guru & Snigdha	Sheeta	-	-
Haiyangveen	-	-	-	-	-

Table 16A: Taila Varga

Dravya	Karma	Reference
Eranda taila	Vishamjvarahara	18/24

Table 16B: Properties of Taila Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Eranda taila	Madhura, Tikta & Katu	Guru & Pichchhila	Ushna	Madhura	Vatashamaka

Table 17A: Sandhana Varga

Dravya	Karma	Reference
Kanji	Manda jvarahar	19/5

Table 17B: Properties of Sandhana Varga

Dravya	Rasa	Guna	Veerya	Vipaka	Doshagnata
Kanji	-	Laghu & Tikshna	Ushna	-	Kaphavatashamaka

DISCUSSION

Drugs from whole Bhavaprakash Nighantu were screened for the action Jvaraghna (antipyretic). Obtained data were presented as per Jvaraghna (antipyretic) action with respect to herbal, mineral and animal origin drugs which belongs to different Vargas (classification) with corresponding reference. Out of 426 drugs 26 (20.15%) belongs to Haritakyadi varga, 14 (10.85%) of drugs from Karpuradi varga, 33 (25.58%) of drugs from Guduchyadi varga, 1 (0.77%) belongs to Pushpa varga, 1 (0.77%) belongs to Vatadi varga, 6 (4.65%) belongs to

Amradiphala varga, 4 (3.10%) belongs to Dhatwadi varga, 7 (9.03%) belongs to Dhanya varga, 16 (12.40%) belongs to Shaka varga, 7 (9.03%) belongs to Mansa varga, 3 (2.32%) belongs to Kritanna varga, 5 (3.87%) belongs to Dugdha varga, 1 (0.77%) belongs to dadhi varga, 1 (0.77%) belongs to Takra varga, 2 (1.55%) belongs to Grita varga, 1 (0.77%) belongs to Taila varga and 1 (0.77%) belongs to Sandhana varga. Bhavamishra has not mentioned any Jvaraghna (antipyretic) dravya in Vari varga, Navneeta varga, Mutra varga, Madhu varga, Ikshu varga and Anekarthana varga. Bhavamishra mentioned more Jvaraghna drugs from herbal origin. Titka

(bitter) rasa drugs have properties of amapachana. Drugs which are sheeta veerya and pittashamaka does daha prashamana karma. Ushna veerya dravya does sheeta prashaman and vatakapha shamana. Drugs which can reach till deeper dhatus can do vishama jwarghna, amapachana and santapa niwarana karma. Most of them are of tikta rasa. In addition to the herbs, is important that recommendations for diet, bathing, bed rest and fluid consumption be observed as well, in order to bring down the fever.

CONCLUSION

The present review on Jvaraghna drugs of Bhavaprakash Nighantu is original of its kind-Total 129 drugs are mentioned by Bhavaprakash Nighantu comprising herbal, mineral and animal origin drugs. Various Jvaraghna dravyas are effective in various types of Jvara. In some (antipyretic) plants specific part, i.e. root, leaf, bark, fruit etc. are specifically used as Jvaraghna (antipyretic) drugs instead of whole plant. All the drugs have been mentioned as Jvaraghna but the mode of action has not been detailed. A detailed clinical study is required to understand the mode of action of these drugs.

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Cite this article as:

Daharia Madhuri *et al.* Medicinal plants for the treatment of fever in the Bhavaprakash Nighantu: A review. Int. J. Res. Ayurveda Pharm. 2017;8(5):177-184 <http://dx.doi.org/10.7897/2277-4343.085271>

Source of support: Nil, Conflict of interest: None Declared

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