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Review Article

RIDDHI (HABENARIA INTERMEDIA D. WEAR): SIGNIFICANCE AND VERSATILITY IN VARIOUS ANCIENT AYURVEDIC *NIGHNATU* SCRIPTURES

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ABSTRACT

In Ayurveda treatment combines products derived from plants, animal, mineral, etc. Amongst all types of Avurvedic preparations plant-based preparations play a significant and important role in the Ayurvedic healing process. Healing with medicinal plants is as old as mankind itself. We have been using medicinal plants since extremely long time. The use of plant based medicinal products and supplements have increased tremendously over the past three decades. *Rddhi* is an important member of Astavarga group of plants. Traditionally it is used in many herbal preparations for its rejuvenating and health promoting properties. Polyherbal formulation containing tubers of this herb possess properties viz. full of vital energy, high in antioxidants, and boosting immunity. The demand of this herb is increasing day by day but due to scarcity of this plant in wild, unaware about authentic botanical source, non-existing cultivation practices there is widespread problem of adulteration or substitution with other plants. So by taking into account the above situation this systematic review has conducted to find out authentic botanical source of *Rddhi*.

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INTRODUCTION

Āyurveda is a science based on ancient Indian philosophy. In Āyurveda an absolute health is defined as a balance between body, mind, spirit and social wellbeing. Āyurveda is comprehensive system of natural health care that originated in the ancient Vedic times of India. The main purpose of Āyurveda is to protect the health of a healthy person and to alleviate disorders in the diseased.^[1] The practice of Āyurveda is based upon the knowledge gained from *Vedas* and has holistic approach to physical and mental health.^[2] Āyurveda blends our modern lifestyle and health-oriented habits with the ancient wisdom of using natural substances, medicines and herbs to help us lead a healthy, happy, stress-free and disease-free life.

In Āyurveda medicinal plants have been classified into various groups on the basis of their pharmacological actions viz. *Triphalā*, *Trikaţu*, *Panchakolā*, *Aṣṭavarga*, *Daśamūla* etc. which either used independently or in formulations for the treatment of different diseases. Among all

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Astavarga plants, Rddhi is an important one and have various medicinal effects. It is a very good Rasāyana and having rejuvenating, healthpromoting properties. Botanically this plant is considered as *Habenaria intermedia* D. Don^[3,4] and belongs to family Orchidaceae. The natural habitat of Rddhi is Himalayan region and these ranges of Himalayas are a precious treasure of medicinal plants. Rddhi and other members of Astavarga are in high demand from Ayurvedic practitioners and manufacturing industries. The plants of Astavarga are facing this problem of exploitation and have been included among 560 plants appearing in the red list of endangered species.^[5] The commercial demand for the botanical raw drugs has put the medicinal plant resources under great stress. Market fails to meet the supply, particularly due to un-availability of authentic raw drugs. To fill the gap between demand and supply, adulteration comes into practice. The adulteration and substitution of herbal drugs is the major problem

causing threat to the herbal drug industry and to the research on commercial natural products.^[6] Hence this study is planned to find out, whether adulteration is present in market samples of *Rddhi* or not.

Morphological description^[7-10]: A stout, terrestrial perennial herb, 25-50 cm in height. **Stem** erect, cylindric, terete, robust, leafy on the nodes. **Leaves** 3 to 5, ovate or oblong or ovate-lanceolate, scattered, 5-10 cm long, sheathing, acuminate, base rounded or cordate, 5-7 nerved. **Flowers** few, distant, very large 5 cm across, white or greenish white, 2-6 flowered raceme borne on a stout axis. **Fruit** pedicelled capsule, 3.8-5 cm long, fusiform, beaked, terete. **Tuber** sessile, oval or oblong tubers, 1.5 -3.5 cm long and 1.0-2.5 cm in diameter, covered with fine white hairs, round at the opposite end but tapering towards stem joint, skin is dirty, white, flesh white. **Flowering** July-August; **Fruiting** September-October.

Distribution^[9,10]: Found in the Himalayan mountains of Pakistan, Nepal and Bhutan in an altitude of 2000-3300 metres. In India found in the Temperate Himalayas at an altitude of around 1500-2400 metres from Kashmir and Himachal Pradesh to Uttarakhand and Sikkim.

Vernacular Names^[11-39]: In ancient Nighatu various Sanskrit synonyms of Riddhi has been described such as *Āśwāsinī*, *Āśwāsanā*, *Apāngī*, *Āśī*, Bodhanā, Bhūti, Bhūpati, Cetanā, Cetanī, Cetniyā, Guhā, Jīvana, Jīvanā, Jīva-vardhinī, Jīvadātrī, Jīvaśreṣṭhā, Jīvatu, Kolkāntā, Lakṣmī, Lokapriyā, Lokakāntā, Mahāvrddhī, Munisrstā, Mahāśrāvanī, Māngalyā, Māngalya, Mangala, Mangalā, Madhurā, Mahāmūrdhā, Mudā. Prānadā, Prānapradā. Prānapriyā, Priyā, Payasvinī, Pustī, Rddhī, Rathānga, Rathāngī, Rsisrstā, Siddhī, Siddhā, Sarvajanaprivā, Sristibījā, Sristidā, Sukha, Sukhā, Śrāvinī, Śrāvanī, Śreyasī, Sampati, Śodhanī, Sampadāhvyā, Tuṣṭirāśi, Vasu, Vrsyā, Virddhī, Vyāghrī, Yogyā, Yogya, Yuga, Yugyā, Yojyā, Yaśasyā, Yaśasvinī. (Table 1 & 2)

Therapeutic properties: It is *Madhura, Tikta* in taste; *Guru, Snigdha* in attribute. *Śita vīrya* and *Tridoṣaghani*. It acts as *Balya, Jīvanīya, Prāṇa*-sthairyakari *śukrala, Mūrcchā, Raktapitta Nāśini, Kṣaya, Raktadoṣa* and *Jwara nāśaka* (Table 3). [12,15,17,20,23,28,30,31,32,33,38]

Description of *Rddhi* in Different *Nighaņțu*:

Vedic-Nighaņţu: The history of *Nighaņţu* literature is very old. Vedic *Nighaņţu* is the oldest extant lexical work in the *Sanskṛta*, which has been commented on by *Yāska* in his *Nirukta*. It is also oldest Indian treatise on etymology. The author of this *Nighaņţu* is unknown but Yāska, Skanda and Devarāja have written their commentaries. This *Nighaņțu* consists of three *Kāņḍa*, the first of which is called *Naighaņțuka-kāņḍa*. The second is known as *Naigama-kāṇḍa* and the last is called *Daivatakāṇḍa* according to Yāska. In this *Nighaṇțu* etymology of 1770 *Vaidika* words are found. Out of them 1341 words in *Naighaṇțuka-kāṇḍa*, 278 words in *Naigama- kāṇḍa* and 151 words are found in *Daivatakāṇḍa*. But there was not any reference related to *Ŗddhi* found during this review.^[11]

Sauśruta-Nighaņţu: Sauśruta-nighaņţu is considered to be the oldest Nighaņţu. The writer of this Nighaņţu is not accurately clear but some scholars believed that it is written by Maharşi Suśruta. In Sauśruta-nighaņţu the Dravyas are arranged in thirty five Gaṇa or groups. Each group of herbs has been indicated for therapeutic purposes. In this Nighaṇţu Ŗddhi is mentioned in Kākolyādi-gaṇa. In this Gaṇa, six synonyms of Ŗddhi are mentioned: 217 (pg. 66). Synonyms are Ŗddhi, Puşti, Cetnā, Prāṇadā, Jīvana, Āśvāsanā, Bodhanā.^[12]

Siddhasāra-Nighaņţu or *Sārottara-Nighaņţu*: The text *Siddhasāra* is written by Ravigupta. Therefore this work is known as *Siddhasāra* of Ravigupta. It is similar to other classical text of Ayurvedic system and called as *Siddhasāra-saṁhitā* and at the end contains a *Nighaņţu* portion known as *Siddhasāra nighaņţu*. In this *Nighaņţu* only synonyms of medicinal plants are described. But there was no any reference related to *Ŗddhi* found during this review.^[13]

Haramekhalā-Nighaņţu: It is a famous treatise written by *Madhuka*. This book contains seven *Pariccheda*. This *Nighaņţu* is also appended at the end of the text *Harmekhalā*. Unlike other *Nighaņţu* it is in prose form. But there was not any reference related to *Ŗddhi* found during review of this *Nighaņţu*.^[14]

Aṣṭāṅga Nighaṇṭu: Several scholars thought that this was the work of Ācārya Vāhaṭa who was popularly called as Vāgbhaṭa or Vahatācārya. It is said to be oldest *Nighaṇṭu* written by Vāhaṭa and considered to be an appendix of *Asṭāṅgahṛidaya*. *Rddhi* is placed under *Padamakādi gaṇa*: 42 (pg.17). *Mahāvṛddhi* is the only one synonym given to *Rddhi*.^[15]

Paryāyaratnamāla: Paryāyaratnamāla is known as one of the works of Indian Materia Medica by Mādhava. Paryāyaratnamāla is briefly known as *Ratnamāla*. The name of this book indicates that only synonyms of plants are described. In this Nighaņţu Ŗddhi has been mentioned under Aṣţavarga: 628, 629 (pg. 211). Three synonyms of Ŗddhi are given: 291(pg. 99), these are Ŗddhi, Prāṇapradā, Vriṣyā.^[16]

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Madanādi-Nighantu Candra-Nighantu: or Madanādi-nighantu or Candra-nighantu is written by Candranandana in 10th century A.D. Madanādi*nighantu* is so called because it deals with drugs enumerated in the Madanādi gana of Astāngahrdava. It also contains a section of miscellaneous Dravva. In this Nighantu Rddhi has been mentioned under Padamakādi gana: 9, 10 (pg. 100). In this Nighantu nine synonyms of Rddhi are given. The synonyms are *Rddhi*, *Siddhi*, *Cetnā*, Iīva-vardhanī, Āsvāsani, Prānadā, Bodhanā, Munisristā, Yaśasvinī.^[17]

Camatkāra-Nighaņţu: Camatkāra nighaņţu was found in the collection of 80 palm leaves manuscripts. This *Nighaņţu* is written by Raņgācārya, the son of Rāghavācārya. In this *Nighaņţu* synonyms of medicinal plants are described. In this text, some names have been used for more than one drug. The names of the plants have been presented in a different format which is different from that are followed in other popular *Nighaņţu*. In this *Nighaņţu* there was not any reference related to *Ŗddhi* found during this review.^[18]

Dravyaguņa-Saṅgraha: This work is also known as Dravyaguṇa or Cakrapāṇidatta Dravyaguṇa Saṅgraha. It is a work of Narayandatta who was the father of Cakrapāṇidatta. Cakrapāṇi has given the identification of Dravyas according to morphological feature and habitat. In this Nighaṇțu the drugs have been described along with their properties and grouped in fifteen Varga. But there was not any reference related to <u>Rddhi</u> found during this review.^[19]

Dhanwantari-Nighantu: This is one of the important and popular *Nighantu* among the scholars. The period of this *Nighantu* is also an unknown factor; however it can be said with conviction that *Dhanwantri nighantu* is principle text of Avurveda as far as description of medicinal plants is concerned. Mahendra bhogika, son of Krsnabhogic has been considered as the author of this work. In *Dhanwantari nighantu Rddhi* has been described under Gudūcyādi-varga: 141-142. In this *Nighantu* the twelve synonyms of *Rddhi* are found. Ŗddhi, Vrddhi, Sukha, Sidhī, Rathāņga, Maņgala, Vasu, rsisristā, Yuga, Yogya, Laksmī, Sarvajanapriyā. According to Dhanwantari nighantu Rddhi is sweet (Svādu) in taste, Śitavīrya, pacifies Vātapitta, Raktvikāra and Iawara, Kaphavardhaka, Shukrajanana. 141-142 (pg. 42).[20]

Sabdacandrikā: Sabdacandrikā is also one of the works of Cakrapāņidatta. It is a compilation of herbs as well as minerals with their effects on animal bodies also. This work is divided into nine

Varga. It is written on the pattern on *Koṣa* having synonyms of words used frequently in medicine. In this book *Rddhi* is mentioned at two places under *Vrikshadi varga*: 183 and *Triphalādi varga*: 27. In this book five synonyms of *Rddhi* are found *Yogya*, *Rddhi*, *Sidhī*, *Lakṣmī*, *Sampati*.^[21]

Nighaņţu śeşa: It is a very valuable *Nighaņţu* written by Ācharya Hemacandra suri. The author is also known as Jainacarya Hemchandra. This *Nighaņţu* contains description of herbs along with their synonyms and medicinal properties. This work has been divided into six *Kanda*. It can be said that it is a valuable contribution to the literature of *Nighaņţu*. In this *Nighaņţu* only one reference related to *Ŗddhi* found: 174 (pg. 96). In this *Nighaņţu* ten synonyms of *Ŗddhi* are given *Ŗddhi*, *Sidhī*, *Yuga*, *Yogya*, *Rathāņga*, *Maņgala*, *Vasu*, *Rşisrişţā*, *Sukha*, *Lakşmī*. ^[22]

Sodhala-Nighantu: Sodhala nighantu is one of the important works on Indian Materia Medica. It is also known as *Nighantu* of *Sodhala* or *Nighantusāra* sangraha or Nighantusarvasva. It is written by Ācārya Sodhala. This *Nighaņţu* is divided into two parts. First part is available by the name of Nāmasangraha and second part by the name of *Gunasangraha*. In this *Nighantu* reference related to Rddhi found at two places, in Nāmasangraha and *Gunasangraha* part of this book. In *Nāmasangraha* only synonyms are given and in Gunasangraha properties has been described. In this Nighantu *Rddhi* is found under *Gudūcyādi- vargah*: 188 (pg. 37), where synonyms are given viz. Rddhi, vriddhi, Siddhi, Rathānga, Mangala, Vasu, rsisristā, Yuga, Yojyā, Laksmī, Sarvjanapriyā, Prānadā, Jīvanā, Bhuti, Sristibījā, Sristidā. Properties are described under Gudūcyādi-vargah: 163-164 (pg. 206).[23]

Mādhava-Dravyaguna: This Nighantu was composed by Mādhava Kavi. This work is very extensive in comparison with other Nighantu. This work is divided into 29 Varga. Classification and arrangement of the subject matter in Madhav's *Dravyaguna* is more comprehensive than in any other Nighantu. In this Nighantu the description of Rddhi is found under the Vividhauşadhi varga: 77 (pg. 6). As per this Nighantu, Rddhi is Balya, Tridosaghanī, Madhura and Gurū. Properties and action of Astavarga dravyas are collectively given such as Śīta, Madhura, Gurū, Śukrala, Bṛṁhaṇa, Stanya-Garbhakrita; Pittahara, Dāha Nāśaka, Asra-Nāśaka, Śosaghana.^[24]

Abhidhānratnāmala or Ṣaḍrasa nighaņţu: Abhidhānaratnamālā or Ṣaḍrasa nighaņţu is a Nighaņţu of synonymous style. This Nighaņţu is named Ṣaḍrasa because the contents of this Nighaṇţu are divided into six Skandhas(chapters) according to six *Rasa* (taste). *Rasa* is the most important among *Guna* of the *Dravya* which on one side indicates the *Bhautika* compositon of the drug and on the other side anticipates its action on the *Dosa*, *Dhatu* and *Mala*. *Rasa* being the criteria of classification, this Nighaṇțu is very important from the practical point of view. In this *Nighaṇțu Ŗddhi* is placed under *Svāduskandha*: 46 (pg 14.) and *Mahāshrāvani* is only one synonym given to *Rddhi*.^[25]

Siddhamantra and *Prakāśa*: This *Nighaņțu* is dictated by Vaidyācārya Keśava. The commentary on *Siddhamantra* is known as *Prakāśa* and written by Bopadeva, the son of Keśava. In *Siddhamantra* the drugs have been arranged according to their effect on *Doşa* and *Rasa*, *Guņa*, *Vīrya* and *Vipāka* have to be inferred on this basis. In this book *Ŗddhi* was mentioned under *Vātapittaghana- varga*: 62 (pg.30).^[26]

Hṛidyadīpaka Nighaņtu: In the tradition of Ayurvedic texts of 14th century, Paṇḍita Bopadeva wrote *Hṛdayadīpaka nighaņţu*. It is an important and certified treatise which is classified in eight parts. In this *Nighaṇţu Ŗddhi* has been described under *Eknāmavarga*: 120 (pg. 72).^[27]

Madanapāla-Nighaņţu: *Madanapāla-nighaņţu* is also known as *Madana-nighaņţu* and *Madanavinoda*. This treatise is written by Nripa Madanapala. Colophon at the end of each chapter suggests that this work was composed by Madanapala himself. In this book two references related to *Rddhi* found. It is described under *Abhayādivarga*: 74-75 (pg. 47), 84 (pg. 51). *Rddhi*, *Sukha, Yuga, Lakşmī, Sidhi, Sarvajanapriyā, rşisrişţā, Rathāņga, Māņgalya, Shrāvanī, Vasu, Yogya, Yugyā, Tuştirāśi,* are the synonyms given to *Rddhi*.^[28]

 \bar{A} yurveda-Mahodadhi :It is also known as Suṣẹṇanighaṇțu. It is written by Suṣẹṇa deva. This is an ancient treatise of Āyurveda which defines the correct eating methods for healthy living. It includes the beautiful description of benefits offered by different ingredients of food in a very simple and interesting way. But there was not any reference related to Ŗddhi found during this review.^[29]

Rāja-Nighaņţu: Rāja-nighaņţu name itself indicates that it is the king among all the *Nighaņţu*. The original name of *Rāja-nighaņţu* is *Abhidhāna cūdāmaņi*. It is also known as *Nighaņţurāja* and *Dravyābhidhānagaņa-saṅgraha*. It is written by Narhari Pandita. In this *Nighaņţu Ŗddhi* has been described under *Parpatādi varga*: 28-33 (pg.109, 110). *Ŗddhi, Sidhi, Prāṇadā, Jīvadātrī Sidhā, Yogyā, Cetnīyā, Rathāņgī, Maṇgalyā, Lokakāntā, Yaśasyā, Are Jīvashreṣţhā* the synonyms given to *Ŗddhi*.^[30] *Kaiyadeva- Nighaņţu*: This treatise is a medical glossary written by Kaiyadeva. The original name of this book is *Pathyāpathya vibodhaka*. The work has been named after the author and commonly in practice it is known as *Kaiyadeva nighaņţu*. In this *Nighaņţu Ŗddhi* has been described under *Oşhadhi varga*: 93-96 (pg. 21). In this *Nighaņţu* twenty three synonyms of *Rddhi* are mentioned viz. *Ŗddhi, Sidhi, Yuga, Tuştirāśi, Sarvajanapriyā, Āśvāsinī, Cetnā, Mahāmūrdhā, Yaśasvinī, rşisrişţā, Sukhā, Shodhanī, Shrāvanī, Vasu, Yogya, Yugyā, Mudā, Lakşmī, Bhupati, Madhurā, Priyā, Rathānga, Mangala.*^[31]

Bhāvaprakāśa-Nighaņţu: It is an important treatise of Āyurveda which is enumerated among 'Laghutrayi'. It is one of the classical works of Bhāvamisra. This Nighaņţu is a bridge between medieval and modern period. Bhāvamisra has described Aṣṭavarga with their morphology, habitat, etc. He has also given substitutes to be taken in place of the Aṣṭavarga. In this Nighaṇţu Ŗddhi has been described under Harītakyādi-varga: 138-141 (pg.60). Ŗddhi, Yogya, Sidhi, Lakṣmī are synonyms given for Ŗddhi. Properties and actions of Ŗddhi described in this Nighaṇţu are Śukrala, Madhura, gurū, Prānaiśvaryakarī; Tridoṣaghanī, Mūrcchā Nāśaka, Rakta-pittavināshinī.^[32]

Guṇaratnamāla: This treatise was written by Bhāvamisra. It is one of the famous books among the *Nighaņțu*. In this book *Ŗddhi* has been described under *Haritakyādi-varga* (pg. 54, 56).^[33]

Sarasvatī-Nighaņţu: It is an important treatise of Āyurveda. The name, period and the date of the compiler of this *Nighaņţu* is not known exactly. This book is divided into six chapters. This *Nighaņţu* contains many new plants and their synonyms which are not found in other *Nighaņţu*. But there was not any reference regarding description of *Rddhi* found in this *Nighaņţu*.^[34]

Rājavallabha-Nighaņţu: Rājavallabha-Nighaņţu is composed by Vaidya Śiromaņi Rājavallabha. This book has been divided into six chapters or *Pariccheda*. There was not any reference related to *Rddhi* found during this review.^[35]

Laghu-Nighaṇțu (18th Century A.D.): As the name *Laghu* indicates that it is small book consisting of about 500 lines. This *Nighaṇțu* is written by Vyāsa Keśavarāma. It is written in synonymous style. In this *Nighaṇțu*, there was not any reference related to *Ŗddhi* found.^[36]

Paryāyamuktāvali: This book is written by Haricaranasena. This book consists of 23 chapters. In this book *Rddhi* has been described under *Karkaţākhyādihīna-gandhavarga*, under *Aṣţavarga dravya*: 21, 24 (pg.25, 26). *Rddhi*, *Prāṇapriyā*, *Vriśyā*, Shalini et al. Riddhi (habenaria intermedia d. Wear): Significance and Versatility in Various Ancient Ayurvedic Nighnatu

Jivātu, *Sampdāhavyā* are the five synonyms of Ŗddhi given in this *Nighaņțu*.^[37]

Śāligrāma-Nighaņţu: This book is written by Lala Śāligrāma Vaisya. In this *Nighaņţu Ŗddhi* has been described under *Aṣṭavarga* (pg.125). *Ŗddhi*, *Prāṇapriyā*, *Vriśyā*, *Prāṇadā*, *Sampdāhavyā* are five synonyms of *Ŗddhi* given in this *Nighaṇţu*.^[38]

Nighaņţu-Ādarśa: The author of this book was Vaidya Bāpālāla. This book was published in two volumes. The basic principles of *Dravyaguņa* are described in the first volume. In the first volume of this book, the description of *Rddhi* is found under *Aṣţavarga* (pg. 184).^[39]

Śaņkara Nighaņţu: This *Nighaņţu* is composed by Rājavaidya Śaņkardutta Gauda. He was the *Adhyakṣa* of Vanaushadhi Bhandāra, Jabalpur. This *Nighaņţu* was published in 1935. This book includes the detailed description of medicinal plants, different types of *Puṭa*, *Yantra* and specific medicinal formulations along with Unāni remedies. In the first part of this book *Ŗddhi* has been described under *Aṣṭavarga* (pg. 13) and substitute of *Ŗddhi* has also been mentioned (pg.13).^[40]

Mahauşadha-Nighaṇṭu: It was composed by Shri I. P. Tripathi and compiled by Āryadas Kumar Singh in 1971. The book is also famous by the name "Dravya nāma guṇa hastapustikā". It contains detailed description of synonyms, Guṇa, Karma, habitat and morphology of different plants. But there was not any reference related to *Rddhi* found during this review.^[41]

Nighaņţa-Śiromaņi: This Nighaņţu is composed by Rāghava kavi. It is a collection of Sanskŗta names and medicinal properties of various medicinal plants from different Nighaņţu. In this Nighaņţu Rddhi has been mentioned under Parpatādi-varga: 39-43 (pg. 3). Rddhi, Siddhi, Prāṇadā, Jīvadātrī, Shreyasī, Apāngī, Cetanī, Yogyā, Rathāṇgā, Maṇgalā, Kolkāntā, Yaśasyā, Jīvashreṣṭhā, Rathāṇga, Maṇgala, Vasu, Āṣvāsinī, Tuṣtirāśi, Cetnā, Payasvinī are twenty synonyms of Rddhi given in this Nighaṇțu. [42]

Abhidhānmanjari: This treatise is written by Bhişagārya. In this *Nighaņţu Ŗddhi* has been described under *Padamakādi varga*, *Dasham-varga*: 175. This *Varga* is placed under *Madanādi-gaņa*. Synonyms of *Ŗddhi* given in this *Nighaņţu* are *Ŗddhi*, *Vyāghrī*, *Lokapriyā*, *Guhā*, *Shravanī*, *Shrāvanī*, *āśī*.^[43]

Priya-Nighaṇțu (20th Century A.D.): This Nighaṇțu is written by Priya Vrat Sharma in 20th century A.D. He has named this book as *Priya nighaṇțu* after his name. The importance of this *Nighaṇțu* is to give a clear idea of the plants. In this *Nighaṇțu Ŗddhi* has been described under *Śatpuṣpādi-varga*, under *Aṣțavarga*: 89 (pg. 92) and another reference found where, *Aṣțavarga* mentioned under *Jīvnīya gaṇa*: 98 (pg. 93).^[44]

Sr.	Nighaņțu	Gaṇa/varga	Reference
1.	Sauśruta-Nighaņțu 12	Kākolyādi-gaņa	Sau. ni. : 217, pg. 66
2.	Așțāṅga-Nighaṇțu 15	Padamakādi gaņa	As. ni. : 42, pg. 17
3.	Paryāyaratnamāla 16	Așțavarga	Pary. :628, 629 (pg. 211)
5.	Madanādi-Nighaņțu 17	Padamakādi gaņa	Ma. ni : 9, 10 (pg. 100)
6.	Dhanwantari-Nighaṇṭu ²º	Guducyādi varga Rakta-vātahara gaņa	Dh. ni. <i>Guducyādi varga</i> : 141-142, pg. 50 Dh. ni. <i>Guducyādi varga</i> : 6, pg. 7
7.	Sabdacandrikā ²¹	Vrikṣādi varga; Triphalādi varga	Sabd. ch. <i>Vrikshādi varga</i> : 183 Sabd. ch. <i>Triphalādi varga</i> : 27
8.	Soḍhala-Nighaṇṭu ²³	Guducyādi varga	So. ni. <i>Guducyādi varga</i> : 188, pg. 37 So. ni. <i>Guducyādi varga</i> : 163-164, pg. 206
9.	Mādhava-Dravyaguņa 24	Vividhauşadhi varga; Aşțavarga	Ma. dr. <i>Vividhauşadhi varga</i> : 77, pg. 6
10.	Abhidhānaratnamāla ²⁵	Svādu-skandha	Abhi. rt. : 46, pg. 14
11.	<i>Siddhamantra</i> and <i>Prakāśa</i> ²⁶	Vātapittaghana varga	Sid.ma. <i>Vātapittaghana varga</i> : 62, pg. 30
12.	Hridyadipaka-Nighaṇṭu 27	Eknāmavarga	Hri. di. ni. Eknāmavarga: 120, pg. 72
13.	Madanapāl-Nighaņțu ²⁸	Abhayādi varga Astavarga	Mad.Pa.ni. <i>Abhayādi varga</i> :74-75, pg. 53,54 Mad. Pa. ni. <i>Abhayādi varga</i> : 84, pg. 58
14.	Raja-Nighaņțu ³⁰	Parpatādi varga	Ra. ni. <i>Parpatādi varga</i> : 28-33, pg. 91

 Table 1: Classification of *Rddhi* in Different Nighanțu

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		, , ()	
15.	Kaiyadeva-Nighaṇṭu 31	Oșhadhi varga	Kai. Ni. <i>Oșhadhi varga</i> : 93-96 (pg. 21)
16.	Bhāvaprakāsa-Nighaņțu ³²	Haritakyādi varga	Bhā. pr. ni. <i>Haritakyādi varga</i> : 138-141, pg. 60
17.	Śāligrāma-Nighaņțu ³⁸	Așțavarga	Sa. ni. <i>Aṣṭavarga</i> , pg. 125
18.	Nighaņțu-Ādarśa ³⁹	Așțavarga	Ni. ad. <i>Aṣṭavarga</i> , pg. 184
19.	Śaṅkara Nighaṇṭu 40	Așțavarga	San. ni. : <i>Aṣṭavarga</i> , pg. 13
20.	Priya-Nighaṇțu 44	Shatapushpādi varga	Pri. ni. <i>Aṣṭavarga</i> : 89-90, pg. 92
			Pri. ni. <i>Jīvnīya gaņa</i> : 98-99, pg. 93
21.	Paryāyamuktāvali 37	Karkațākhyādihīna	Pary. mu. Karkațākhyādihīna
		gandhavarga, Aṣṭavarga	Gandhavarga: 21, 24, pg. 25,26

Table 2: Sanskrita synonyms of Rddhi described in Different Nighanțu

Sr.	Sanskrit name		Nighaņţu															
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1.	Āśwāsinī	-	-	-	+	-	-	-	-	-	-	-	+	-	-	-	+	-
2.	Āśwāsanā	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.	Apāngī	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
4.	Āśī	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
5.	Bodhanā	+	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
6.	Bhūti	-	-	-	-	-	-	~	+	-	-	-	-	-	-	-	-	-
7.	Bhūpati	-	-	-	-	£	V	2-K	P	3	-	-	+	-	-	-	-	-
8.	Cetanā	+	-	-	+	7	6	SC -	- 6	2-	3 -	-	+	-	-	-	+	-
9.	Cetanī	-	-	-	- 5	-	10	e93		- Ala		-	-	-	-	-	+	-
10.	Cetniyā	-	-	-	-	-		-	2	-	3-	+	-	-	-	-	-	-
11.	Guhā	-	-	-	-	1	1 () ()	N.	5		1 -	-	-	-	-	-	-	+
12.	Jīvana	+	-	-	-	1	15	SHD	HAR	5	-	-	-	-	-	-	-	-
13	Jīvanā	-	-	-	-	-	1	Ś	+	-	-	-	-	-	-	-	-	-
14.	Jīva-vardhinī	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
15.	Jīvadātrī	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	+	-
16.	Jīvaśreṣṭhā	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	+	-
17.	Jīvatu	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-
18.	Kolkāntā	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
19.	Lakșmī	-	-	-	-	+	+	+	+	-	+	-	+	+	-	-	-	-
20.	Lokapriyā	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
21.	Lokakāntā	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
22.	Mahāvṛddhī	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23.	Munisṛṣṭā	-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-
24.	Mahāśrāvanī	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-
25.	Māngalyā	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
26.	Māngalya	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-
27.	Maṅgala	-	-	-	-	+		+	+	-	-	-	+	-	-	-	+	-
28.	Mangalā	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
29.	Madhurā	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
30.	Mahāmūrdhā	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-

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31.	Mudā	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
32.	Prāņadā	+	-	-	+	-	-	-	+	-	-	+	-	-	-	+	+	-
33.	Prāņapradā	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
34.	Prāņapriyā	-	-	-	-	-	-	-	-	-	-	-	-	-	+	+	-	-
35.	Priyā	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
36.	Payasvinī	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+	-
37.	Pușțī	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
38.	Ŗddhī	+	-	+	+	+	+	+	+	-	+	+	+	+	+	+	+	+
39.	Rathāṅga	-	-	-	-	+	-	+	+	-	+	-	+	-	-	-	+	-
40.	Rathāṅgī	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	+	-
41.	Ŗșisrșțā	-	-	-	-	+	-	+	+	-	+	-	+	-	-	-	-	-
42.	Siddhī	-	-	-	+	+	+	+	+	-	+	+	+	+	-	-	+	-
43.	Siddhā	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-	-
44.	Sarvajanapriyā	-	-	-	-	+	-	-	+	-	+	-	+	-	-	-	-	-
45.	Sŗṣṭavījā	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
46.	Sŗșțtidā	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
47.	Sukha	-	-	-	-	+	-	+	-	-	+	-	-	-	-	-	-	-
48.	Sukhā	-	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	-
49.	Śrāviņī	-	-	-	-	-	2	ł	5	-	-	-	-	-	-	-	-	+
50.	Śrāvanī	-	-	-	-	-	-	1		di la	+	-	+	-	-	-	-	+
51.	Śreyasī	-	-	-	-	-	6	N-X	E	7	2 -	-	-	-	-	-	+	-
52.	Sampati	-	-	-	- }	-	H	640	5	- A	-	-	-	-	-	-	-	-
53.	Śodhanī	-	-	-	- \	-	Y.	- 0	-		-	-	+	-	-	-	-	-
54.	Sampadāhvyā	-	-	-	-		2-2	5	2	3	7-	-	-	-	+	+	-	-
55.	Tușțirāśi	-	-	-	-	-	2º	SHO	HAR		+	-	+	-	-	-	+	-
56.	Vasu	-	-	-	-	+	1	t	+	-	+	-	+	-	-	-	+	-
57.	Vŗṣyā	-	-	+	-	-	-	-	-	-	-	-	-	-	+	+	-	-
58.	Viŗddhī	-	-	-	-	+	-	-	+	-	-	-	-	-	-	-	-	-
59.	Vyāghrī	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	+
60.	Yogyā	-	-	-	-	+	+	+	-	-	+	-	+	+	-	-	-	-
61.	Yogya	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	+	-
62.	Yuga	-	-	-	-	+	-	+	+	-	+	-	+	-	-	-	-	-
63.	Yugyā	-	-	-	-	-	-	-	-	-	+	-	+	-	-	-	-	-
64.	Yojyā	-	-	-	-	-	-	-	+	-	-	-	-	-	-	-	-	-
65.	Yaśasyā	-	-	-	-	-	-	-	-	-	-	+	-	-	-	-	+	-
66.	Yaśasvinī	-	-	-	+	-	-	-	-	-	-	-	+	-	-	-	-	-
	Code of <i>Nighaņţu</i>	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

 Sauśruta nighaņţu; 2.Aşţāņga nighaņţu; 3.Paryāyaratnamālā; 4.Madanādi or Candra nighaņţu;
 Dhanvantari nighaņţu; 6. Śabdacandrikā; 7.Nighaņţu śeşa; 8.Śodhala nighaņţu; 9. Abhidhanaratnamālā; 10. Madanpāla nighaņţu; 11.Rāja nighaņţu; 12.Kaiyadeva nighaņţu; 13.Bhāvaprakāśa nighaņţu;
 14.Paryāyamuktāvali; 15.Śāligrāma nighaņţu; 16. Nighaņţu śiromaņi; 17. Abhidhānamaŋjarī

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	Table 3: Properties and Actions of Rddhi in different Nighanțu												
Sr.	Nighaņțu	Rasa	Guṇa	Vīrya	Vipāka	Doșa karma	Other karma	Rogaghantā					
1.	Sauśruta Nighaņțu ¹²	-	-	-	-	-	-	-					
2.	Aṣṭāṅga Nighaṇṭu ¹⁵	-	-	-	-	-	-	-					
3.	Madanādi or Candra Nighaņțu ¹⁷	-	Gurū	-	-	Vāta-pittahara, tridoșahara	Balya, Jīvanīya, prāṇa- Sthairyakari	Mūrcchā nāśaka					
4.	Dhanwantri Nighaṇțu ²⁰	Madhura	-	Śita		Pitta-vātahara, kapha vardhaka	Śukrajanana	Kṣaya, Raktadosha, Jwara nāśaka					
5.	Sodhala Nighaṇțu ²³	-	-	-	-	Vāta-pitta hara	Jīvanam, Stanyakrita, Bāla-vridaha hitam						
6.	Madanpāl Nighaņțu ²⁸	Madhura	Gurū	-	-	Tridoșaghani	Balya, śukrala						
7.	Rāja Nighaņțu ³⁰	Madhura, Tikta	Snigdha	Śita			Ruchikāraka, Medhākari	Śaleșmā- Vikāra, Krimi, Kușțha hara					
8.	Kaiyadeva Nighaņțu ³¹	Madhura	Gurū			Tridoșashamani	Prāṇa- Sthairyakari, Śukrala, Vriṣya	Mūrcchā, Raktapitta nāśini					
9.	Bhāvaprakāsa Nighaņțu ³²	Madhura	Gurū			Tridoșaghani	Balya, Śukrala, Prāṇa- sthairyakari	Mūrcchā, Raktapitta Vināśini,					
10.	Śāligrāma Nighaņțu ³⁸	Madhura	Gurū	AYUS	HDHARA	Tridoșa nāśaka	Śukrala, Prāṇa- Sthairyakari	Mūrcchā, Raktapitta Vināśini,					
11.	Mādhava Dravyaguņa ²⁴	Madhura	Gurū, śukla	-	-	Tridoșaghani	-	-					
12.	Guṇaratnamāla ³³	Madhura	Gurū	-	-	Tridoșaghani	Prāṇa- Sthairyakari, Śukrala	Mūrcchā, Raktapitta nāśini					
13.	Siddhamantra and Prakāsa ²⁶	-	-	-	-	Vāta- Pittaghana, Śaleșmākāraka	-	-					

CONCLUSION

In recent years there has been seen a sudden rise in the demand of herbal products and plant based drugs across the world, resulting in the heavy exploitation of medicinal plants. To fill the gap between demand and supply, adulteration comes into practice. The adulteration and substitution of herbal drugs is the major problem causing threat to the herbal drug industry and to the research on commercial natural products.

Wearing the shoes of taxonomic aspects of nomenclature along with the torch of synonyms coined by ancient seers one may be able to preserve the treasure some traditional medicinal knowledge.

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