

**NAMES AND SYNONYMS OF BANANAS
AND PLANTAINS OF INDIA**

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Front Cover photo : Bunch of Red Banana
Courtesy : S.Sathiamoorthy
Back Cover photo : Male flowers of Banana
Courtesy : S.Uma

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FOREWORD

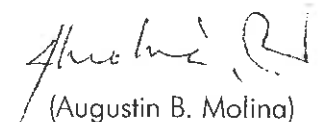
The Asia Pacific region is the centre of origin of the genus *Musa* and has a rich source of diversity for both wild species and commercial clones. Of the total world production of 90 million tones, one third is produced in Asia. India leads the production with 16 MT at global level.

India also harbors maximum diversity for Bi-specific clones (AB, AAB, and ABB), never to forget, the important pure *M. balbisiana* (BB). Large diversity, vast geographical area, many languages have contributed to lot of confusions with respect names and cultivar identity. This has pathetically led to repetitive research due to multiple names for the same cultivar which otherwise could have been avoided. To overcome this problem National Research Centre for Banana, Trichy, India organized a workshop on "Compilation of names and synonyms of Banana and Plantains of India" in collaboration with BAPNET, Philippines / INIBAP, France. This helped in strengthening of information already available at National Research Centre for Banana.

The dedicated effort made by Dr.S.Uma and Dr.S.Sathiamoorthy in travelling far and wide in the country, studying the diversity and compiling the names and synonyms is timely and fruitful. I hope this would solve the long standing need of the Indian subcontinent to clear the confusion and pave way for focussed research. This will be useful both in the country and also for the researchers elsewhere in the world using Indian germplasm through International Transit Centre (ITC) at Belgium.

Date :30.9.2002

Place: Los Banos,
Philippines



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PREFACE

Banana is one of the maximum distributed fruit crops grown in more than 120 countries and in almost 10 million hectares, with an annual production of 95 million tonnes. It is the fourth most important food crop after rice, wheat and maize. It is the staple food of millions and 90% of the total production is by small and marginal farmers. In spite of its importance it had not received due attention with respect to research. Of late, the trend has slowly changed and emphasis on banana research is evident by the establishment of INIBAP and other international research centres.

While conducting research the most common problem is the selection of right variety with its true name. In a country like India where there are 18 official languages and countless dialects have to the confusion with respect to the nomenclature of banana clones. On many occasions, the same variety is referred by different names in different geographical areas and same name is used for a large number of distinctly separated varieties. This has led to the chaos and wasteful duplication of research. It is very essential to systematically study the banana clones, classifying them using national and international system and identify the distinct clones, synonyms and their mutations.

India has six banana gene banks having more than 900 banana clones in different names. Initially, effort in this direction was carried out at TNAU, Coimbatore. But those included mostly the varieties of South Indian origin. After the establishment of NRCB at Trichy in 1993, 22 crop specific explorations were conducted and collected 970 indigenous clones from all banana growing areas including southern states, Gujarat, Maharashtra, West Bengal, Bihar, North Eastern states namely Assam, Meghalaya, Arunachal Pradesh, Manipur, Nagaland, Mizoram, Tripura and Sikkim. Collections were also made in Andaman & Nicobar Islands. During the explorations the names and synonyms of local varieties along with their indigenous knowledge were gathered. This information has been compiled as the names and synonyms of banana and plantains in India. This compilation is expected to overcome most of the confusions and thus reducing duplication of research. It will be highly useful for the researchers, students, and teachers mainly for the banana growers of the country to overcome ambiguity in right choice of the variety.

Authors would like to acknowledge Dr. H.P. Singh for his contribution in strengthening the NRCB gene bank. Thanks are also due Dr. G. Kalloo, DDG (Hort) for his constant support. Dr. A. B. Molina (Regional coordinator BAPNET, Philippines) and INIBAP, France for funding the project entitled "Collection and characterization of Banana and Plantains in North Eastern India" and also for financial support extended for conducting the workshop on "Names and Synonyms of Banana and Plantains" at NRCB, Trichy. All the resource persons participated in the workshop are thanked. Thanks are also due Mr. P. Durai, T-4 Technical Assistant, for his untiring technical support and cooperation in compiling this document. Mr. G. Rajagopal, Senior Research Fellow, Mrs. M.S. Sarawathi, Dr. R. Selvarajan, Scientists, and Mr. R. Jagadeesan, Senior Research Fellow are thanked for their assistance in compilation and editing of the manuscript.

(Authors)

NAMES AND SYNONYMS OF BANANAS AND PLANTAINS OF INDIA

Introduction

Banana is the major fruit crop found growing in more than 120 countries with more than 600 cultivars reported in one form or the other. Though banana taxonomists keep the number of distinct cultivars approximately around 250-300, a complete picture of the world scenario regarding the status of banana cultivars is not clear. It is simply due to the fact that banana classification and nomenclature has been a very complicated issue.

The confusion with respect to nomenclature probably started with the classification of Karl Linnaeus grouping the bananas into two species. *Musa sapientum* and *Musa paradisiaca* followed by Baker in 1893. This classification was based on limited specimens accessible to him during those days. Though he tried differentiating between banana and plantains based on palatability and starch content this would not suffice the needs for classifying starchy cooking bananas of South and South East Asia.

During early 50's Cheriyan Jacob working on the variability and diversity of banana and plantains in India (Jacob 1934, 1942a, 1942b) proposed a new nomenclature as *Musa sapidisiaca* combining the two Linnaeus species *Musa sapientum* and *Musa paradisiaca* in his monograph on Madras bananas (Jacob, 1952). Many other taxonomists of South and South East Asia also found the original scientific names inadequate to address the great diversity in its place of origin and evolution. Thus many other scientific names were proposed and coined, for example, *Musa nana* for Dwarf Cavendish *Musa rubra* for Red Dacca, *Musa corniculata* for horn plantain and many more (Valmayor, 2000).

This endless addition of coining of new names was put an end by Simmonds and Shepherd (1955) suggesting that the Linnaeus classification was not on the original parental species but based on their hybrid progenies. The original progenitors of present day bananas was concluded to be *Musa acuminata* and *Musa balbisiana*. Meantime, a classification based on chromosomes was attempted by Cheesman 1932, Larter (1934) and (1938) and Dodds and Pittendrigh (1946). Finally it has been concluded that the edible bananas and plantains are originated from two wild and seeded species *Musa acuminata* and *Musa balbisiana*. But of late, the involvement two other species namely *Musa textilis* and *Musa schizocarpa* has been confirmed (Carreel, 1995).

Banana and plantain belong to the family *Musaceae* comprising of two genera *Ensete* Horn and *Musa* L. Genus *Ensete* has 8-9 species with its distribution in South and South East Asia and also in Africa, while genus *Musa* L. has four sections namely Eumusa, Australimusa, Callimusa and Rhodochlamys. Distribution of these sections is presented in the Table.1.

Table.1 Classification and global distribution of Musaceae members

Genus	Basic chromo-some No.	Section	Distribution	Species	Uses
<i>Ensete</i>	9	—	W.Africa	<i>E. superbum</i>	Fibre, vegetable, ornamental & medicinal
			P.N.Guinea	<i>E. glaucum</i>	
			India	<i>E. ventricosum</i>	
				<i>E. gillettii</i>	
				<i>E. homblei</i>	
				<i>E. perrieri</i>	
<i>Musa</i>	10	Australimusa	Queensland	<i>M. textilis</i>	Fibre, fruit & vegetables
			New Caledonia	<i>M. maclayi</i>	
			Philippines	<i>M. lolodensis</i>	
			Australia	<i>M. peekeelii</i>	
			India	<i>M. fehi</i>	
	10	Callimusa	Indo-China	<i>M. coccinea</i>	Ornamental,
			Indonesia	<i>M. violascens</i>	
				<i>M. gracilis</i>	
	11	Eumusa	India	<i>M. acuminata</i>	Fruit, vegetable, fibre & medicinal
			Pacific Islands	<i>M. balbisiana</i>	
			Africa	<i>M. schizocarpa</i>	
				<i>M. itinerans</i>	
11	Rhodochlamys	India,	<i>M. velutina</i>	Ornamental	
		Indo-China	<i>M. ornata</i>		
			<i>M. laterita</i>		
			<i>M. rosaceae</i>		

Genus *Musa* has contributed greatly to the present day edible bananas with little contribution from Australimusa i.e as Fehi bananas (*Musa fehi*). Section *Eumusa* contributes *Musa acuminata* and *Musa balbisiana* the major progenitors of present day edible bananas. *Musa acuminata*(AA) has 9 sub species

recognised (Horry et al, 1997) and have their distribution in South East Asia and Pacific islands. In their areas of origin and diversification, triploids (AAA) evolved due to spontaneous mutations expressing sterility and parthenocarpy. But selected by the man and domestication over a course of time they were taken to South Asia and part of South East Asia where *Musa balbisiana* has its home of origin. Both being cross compatible and fertile, led to natural hybrids, thus resulting in hybrids of various combinations receiving. A genome from *Musa acuminata* and B genome from *Musa balbisiana*. These bi specific hybrids inherited many biotic and abiotic stress resistant genes from *Musa balbisiana*. Owing to their many desirable traits most of the bi specific hybrids and hardy, parthenocarpic, acuminata diploids drifted slowly far and wide and became the backyard cultivars of South and South East Asia.

Table-2. International Classification of *Musa* species

Genus	Section	Species/groups	Subspecies/subgroups
MUSA	EUMUSA (2n=22)	Wild species <i>acuminata</i>	<i>banksii</i>
			<i>burmannica</i>
			<i>burmannicoides</i>
			<i>malaccensis</i>
			<i>microcarpa</i>
			<i>truncata</i>
			<i>siamea</i>
			<i>zebrina</i>
			<i>errans</i>
		<i>balbisiana</i>	
		<i>schizocarpa</i>	
		<i>basjoo</i>	
		<i>itinerans</i>	
		<i>flaviflora</i>	
		<i>sikkimensis</i>	
		<i>cheesmani</i>	
		<i>nagensium</i>	
		<i>halabanensis</i>	
		<i>ochracea</i>	
RHODOCHLAMYS	Wild species		
(2n=22)		<i>laterita</i>	
		<i>ornata</i>	
		<i>sanguinea</i>	
		<i>velutina</i>	

Genus	Section	Species/groups	Subspecies/subgroups
	CALLIMUSA (2n=20)	Wild species <i>coccinea</i> <i>violascens</i> <i>gracilis</i> <i>borneensis</i> <i>beccarii</i> <i>salaccensis</i>	
	AUSTRALIMUSA (2n=20)	Wild species <i>maclayi</i> <i>maclayi</i> <i>maclayi</i> <i>maclayi</i> <i>peekelii</i> <i>peekelii</i> <i>jackeyi</i> <i>lolodensis</i> <i>textilis</i> <i>bukensis</i>	<i>maclayi</i> var. <i>maclayi</i> <i>maclayi</i> var. <i>namatani</i> <i>maclayi</i> var. <i>erecta</i> <i>ailuluai</i> <i>peekelii</i> <i>angustigemma</i>
	<i>Incertae sedis</i>	Wild species <i>ingens</i> <i>boman</i> <i>lasiocarpa</i>	
MUSA	EUMUSA	Cultivated varieties <i>acuminata</i>	
		AA	Sucrier Pisang Jari Buaya Pisang lilin Inarnibal Lakatan Unknown
		AAA	Gros Michel Cavendish Red Ambon

Genus	Section	Species/groups	Subspecies/subgroups
			Ibota Mutika/Lujugira Orotava Rio
		AAAA <i>acuminata</i> x <i>balbisiana</i>	
		AB	Ney Poovan Kamaramasenge
		AAB	Iholena Laknau Mysore Silk Pome Maia Maoli/Popoulu Pisang Nangka Pisang Raja Plantain Nendra Padaththi Pisang Kelat Nadan
		ABB	Bluggoe Pisang Awak Monthan Kalapua Klue Teparod Saba Pelipita Ney Mannan Peyan
		AAAB	
		AABB	'Laknau der'
		ABBB	

Genus	Section	Species/groups	Subspecies/subgroups
		<i>acuminata</i> x <i>schizocarpa</i>	
		AS	
AUSTRALIMUSA		Cultivated varieties	
		Fe'i	
EUMUSA x AUSTRALIMUSA		Cultivated varieties	
		AT	
		AAT	
		ABBT	

Daniells et al., (2001)

The differential ploidy status, progenitor species, sterility and interspecific compatibility has led to hybrids with various genomic composition (AB, AAB, ABB, AABB, AAAB, ABBB, BBB? and ploidy levels (2x, 3x and 4x). These hybrids, spread over vast areas prevailing with different languages and dialects, has led to the wide spectrum of cultivar names and synonyms. This has resulted in the same cultivar being referred by a large number of names in different regions. Duplication and redundant research has also arisen due to the different names for the same cultivar. Thus the question of nomenclature of banana and plantains is one, which bristles with great difficulties.

In a multi lingual country like India much confusion prevails owing to the same variety referred by many names and single name to refer many varieties. In some cases minor mutants add to the confusion. The global picture is more alarming where an introduced exotic variety is being adopted by one of the local names. Many examples can easily be cited to indicate the confusion existing in the names of banana cultivars. 'Poovan' (AAB), the most predominant cultivar of Tamil Nadu has many synonyms in Tamil Nadu itself as Adukkunamarai, Dorai vazhai, Erode Poovan, Thoothukudi Poovan, Kadali, Palayangodan, etc. The same name 'Poovan' denotes 'Rasthali' in Kerala and Rasthali is altogether a distinct cultivar. Similarly the cultivar 'Karpooravalli' (ABB) of Tiruchirapalli district is very well known as 'Pey kunnan' or 'Raja vazhai' in the adjacent district of Thanjavur. 'Raja vazhai' in Tiruchirapalli district distinctly denotes 'Thenkadali' (AAA) of Thanjavur district or Chakkarakeli of Andhra pradesh. The famous hill banana 'Virupakshi' has many

Fig. 1. DISTRIBUTION OF WILD BANANAS IN INDIA

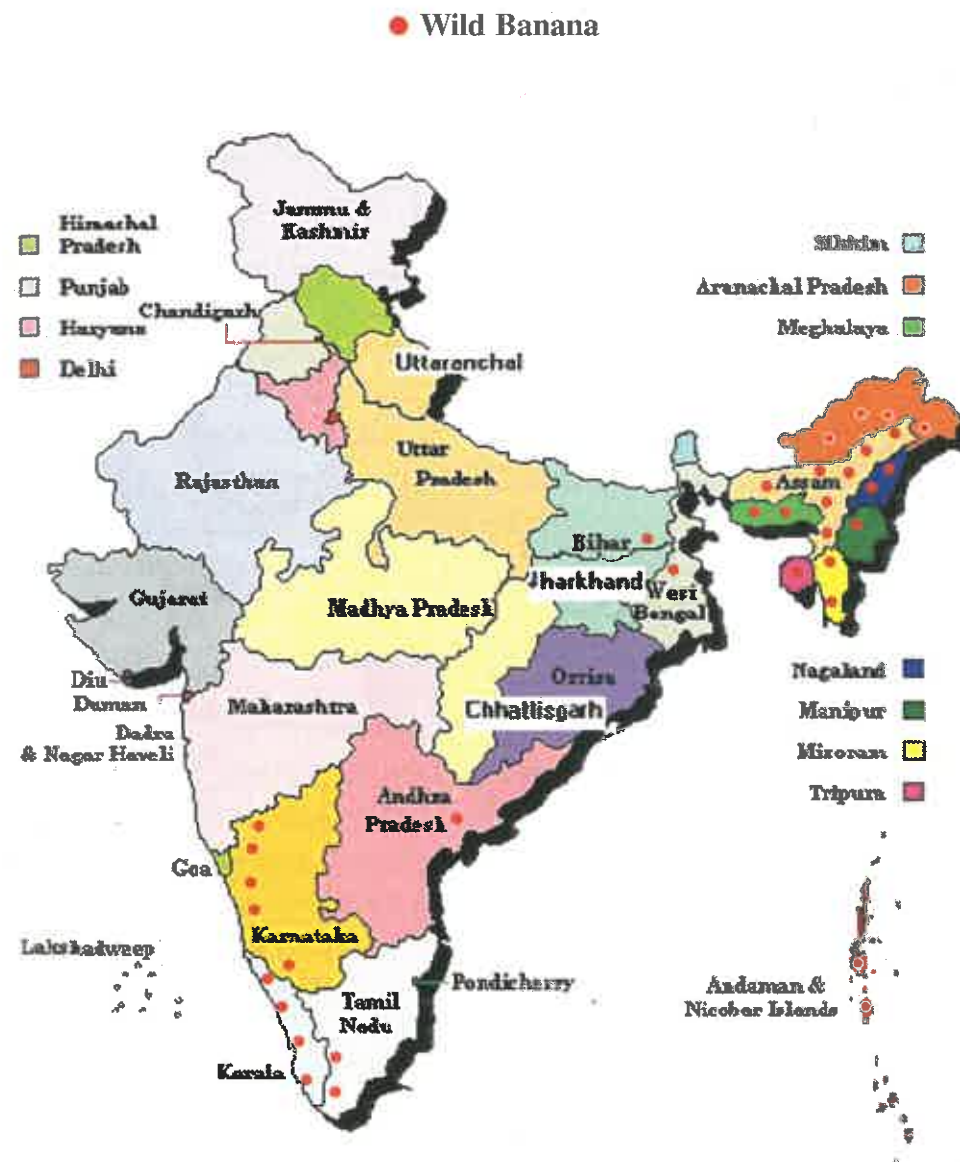


Fig.2. DISTRIBUTION OF COMMERCIAL CLONES OF BANANA IN INDIA



eco-types in different parts of TamilNadu, having different names such, Sirumalai, Malai Kali, Laadan, Vannan and Nomaran. A well known cultivar “Manoranjitham” (AAA) grown in Kolli Hills of TamilNadu as “Santhana vazhai” and “Kari vazhai” in Tiruchirapalli districts. The unique flavour of Manoranjitham (*Artabotrys odoratissimus*) varies ecologically and given separate names locally, there by making its identity difficult to understand. Bhakthavatsalu and Sathiamoorthy (1979) made critical study of various clones, their synonyms and mutants.

Distribution of Banana clones in India

India is a endowed with diverse climatic conditions from dry arid zones to humid tropical and cold temperate zones. Majority of East and North East India enjoys subtropical climate where West and Southern states enjoy tropical climate. Banana being a crop of humid tropics, has successfully acclimatized itself into the subtropical zones. Though the varietal distribution is based on local preference, climate plays a major role in the adoptability of an existing or a new cultivar. Similarly India has a number of banana clones adopted to various climatic conditions prevailing in the country (Fig.1).

The delicate edible diploid acuminatas which can be nurtured only in sheltered humid environment have found their place in humid tropical forests of western ghats and Southern tips of Tamil Nadu and Kerala (Fig.2). The hardy, wild *balbisiana* clones have distributed themselves in the sub tropical to temperate forests of North Eastern states from MSL to an altitude of 1,300 meters above MSL. The intermediary bi specific hybrids have spread through out the country except in extreme Northern states (Table.3).

Mysore, Silk, Pisang Awak and cooking Monthan bananas have been the traditional cultivars of Indian states. But Cavendish clones have monopolised the Indian banana industry due to high productivity, suitability to fertigation and market preference in non traditional zones. Along with these major traditional and commercial cultivars, there are other clones like Neypoovan, Red banana, Amritsagar, Thella Chakkarakeli etc, which find their niche markets.

Table.3. Distribution pattern of banana clones in different Indian States.

State	AA/AB	AAA	AAB	ABB	Balbisiana clones
Andhra Pradesh	M.ac.wild	Dwarf Cavendish Robusta Theilachakkarakeli	Amrithpani(Silk) Karpurachakkarakeli	Monthan Yenagu Bontha Nukala Bontha	Aakku Aratti Ginja Aratti Verri Aratti
Assam	M.ac.wild	Jahaji Borjahaji Manjahaji Robusta Dwarf Cavendish Honda, Agniswar Threk Marang Bharath Moni There Kanchi Tulsi Manohar	Chenichampa(Mysore) Jatikol(Mysore) Digjowa(Silk) Kulpait(Silk) Malbhog Amritman Alpon Garomoina Dasaman	Manohar Kanchkol Bharatmoni Ankur, Geda Gera, Bankel Sabji Kela Nute pong Kait Khullung Kait Shejeng Singhalaji	Bhimkol Attikol Bhimkol Athiakol Rissue Manohar Manguthamng Bacharia Malbhog Borkal Baista
Bihar	-	Dwarf Cavendish Jahaji	Chenichampa Alpon(Mysor) Chinia(Mysor) Malbhog(Silk)	Muthia(Bluggoe) Kothia(Bluggoe) Gauria(Bluggoe) Kanthali	Jungel Kela Beej Kela
Gujarat	-	Dwarf Cavendish Lacatan Harichal Gandevicollection	-	-	-
Karnataka	AB-Elakki Bale M.ac.wild	Dwarf Cavendish Robusta Rasabale(Silk)	Poovan(Mysor) (Monthan) Jwaribale(Pome) Mundugod Bale	Karibale EmBale Sakkara Bale	Kaadu Bale Kallu Bale Ele Bale Emme Bale
Kerala	AB- AA	Njali Poovan Kunnam Poomgalli Poovilla Chundan Adukkam Kadali Neyvedya Kadali Matti Namarai Siguzani	Sevvazhai(Red) Morris Robusta Palayankodan (Mysor) Poovan(Silk) Kali (Pome)	Nendran (Plantain) Peyan Peykunnam Vella Palayankodan	Kallu Vazha Elavazha
Mahara shtra	AB	Safed velchi Dwarf Cavendish Robusta Grand Naine Sindhurni Hanuman Ardhapuri	Lalvelchi(Mysore) Rajeli (Plantain)	-	-

State	AA/AB	AAA	AAB	ABB	Balbisiana clones
Manipur	M.ac.wild	Jahaji Borjahaji Torbat(TC) Dwarf Cavendish	Champa Sabri Thera Hao Malbhog Somai	Banria Kachkola Haong Ong (Ash Monthan) Hangou (Manguthamang)	Luigong Changbui Kala Bhimkol Maring Lophu
Mizoram	M.ac.wild	Lairak Lairoop Pantaw	Cavendish (Amrit Sagar) Jahaji Dwarf Cavendish	Malbhog Champa Sabri Bai bhal-al-their (Mysore)	Athiakol Bhikol Kala Bhimkol Jungle Kela
Nagaland	M.ac.wild	Jahaji Borjahaji Dwarf Cavendish	Malbhog Champa Sabri	Banria Sabji Kola Kechulepa Kacha Kola Baku Plata	Bhimkol Athiakol Kala Bhimkol Rissue
Orissa	AA	Mohan Bansi Moinsi Singha	Robusta Pot Kapura	Mortman(Silk) (Pisang Awak) (Silk) Mysore(Poovan)	Poussia (Monthan) Chokua (Chakkia)
Tamil Nadu	AA Matti AB	Kadai Namarai Anaikomban Sanna Chenkadali M.ac.burmanicooides Ney Poovan Kunnam Poovilla Chundan	Sevvazhai(Red) Robusta Dwarf Cavendish Manoranjitham Nendran (Plantain)	Poovan(Mysor) Rasthali(Silk) Virupakshi Pachanadan	Karpuravalli (Pisang Awak) Sakkai(Bluggoe) Monthan (Pome) Peyan
West Bengal	-	-	Amrit Sagar GiantGovernor Lacatan	Mortman(Silk) Champa(Mysor)	Monthan Kanthali (Pisang Awak)
Tripura	AA	Mohan Bansi M.ac.wild Lairawak Lairoop Laiwring	Jahaji	Chompa Sabri Kulpait Borchampa Shail Kola	Banria SagarKol Anaji Kola Bangla Kola Rissue Attikol Bhimkol Junglee Kola

Banana - In different languages in India

Tamil Nadu	- Vazhai	Orissa	- Kol, Bonthal
Kerala	- Vazha	Assam	- Kola
Karnataka	- Bale	Meghalaya	- Kait
Andhra Pradesh	- Aratti	Manipur	- Hei Lophu - edible
Maharashtra	- Kela		Changbui Lophu - wild
Uttar Pradesh	- Kela/Mouze	Mizoram	- Chang-el-wild
MadhyaPradesh	- Kela/Mouze		Bahl-al-edible
Bihar	- Kela/Mouze(Urdu)	Tripura	- Sema tribe Oucho (Sema tribe)
West Bengal	- Kol		Angami tribe - Jeafusa (Angami tribe)

Classification and grouping of Indian Bananas

Present day edible bananas is a complex of two natural wild species (in most cases) *Musa acuminata* and *Musa balbisiana* and their hybrids. Wide array of cultivars with their mutants has made the situation very difficult to identify the cultivars. The knowledge of their origin and evolution is important to give a rational classification of the cultivars. The international three tier classification system namely species, genome and cultivar, developed earlier and adopted by Valmayor *et. al.*, (2000) while compiling the names and synonyms of Banana and Plantains of South East Asia, was used in classifying and identifying the distinct clones and synonyms. To facilitate this, at National Research Centre for Banana, a *Musa* gene bank exclusively dedicated for the collection, conservation and maintenance of banana, was established in 1994. A total of 970 accessions have been collected and maintained of which 640 are indigenous.

Simmond and Shepherd's (1962), fifteen character score card was used to assign the tentative genomic status for the cultivars (Table.4). But due to some of the lacunae like discontinuity and ambiguity with respect to score ranges in this score card, the modified score card developed by Silayoi and Chom Chalow (1987) was referred. During the course of data collection, the need for refining the data score card of Silayoi and Chom Chalow was released to have the better distinction within the bi specific genomes and more specifically B-rich genomes. Since this score card posed lacuna like exclusion of AB and ABBB genomes. Working with 640 accessions, we have come out with a modified score card including the score ranges for AB and ABBB (Table.5) encompassing more clones (Singh and Uma, 2000).

The fifteen characters suggested by Simmond and Shepherd are the diagnostic traits to differentiate *Musa acuminata* and *Musa balbisiana*. The test clones were examined for the expression of these traits and relative scoring was given. For example, with respect to pseudostem colour, score of 1 is given, if the pseudostem is heavily blotched with brown or black pigmentation. This is true with pure *acuminata*. At the same time a maximum scoring of 5 was given when the blotches are completely absent and the pseudostem is more or less green. This is true with pure *Musa balbisiana* accessions. The cultivars are given intermediary scores from 1-5 depending on the extent of blotching and the scores ranged from 1-75. It was compared with the score card, the trend of scoring for most of the acces-

Table.4. Simmond & Shepherds Score card

Sl. No.	Character	<i>M.acuminata</i>	<i>M.balbisiana</i>
1	Pseudostem colour	More or less heavily marked with black or brown blotches	Blotches slight or absent
2	Petiolear canal	Margin erect or spreading with scarious wings below, not clasping pseudostem	Margins not winged below, clasping pseudostem
3	Peduncle	Usually downy or hairy, short	Glabrous
4	Pedicel	Short	Long
5	Ovules	Two regular rows in each locule	Four irregular rows in each locule
6	Bract shoulder ratio	Usually high(< 0.28)	Usually low(>0.30)
7	Bract curling	Bract roll	Bracts lift but do not roll
8	Bract shape	Lanceolate or narrowly ovate	Broadly ovate, not tapering sharply
9	Bract apex	Acute	Obtuse
10	Bract colour	Red, dull purple or yellow outside; pink, dull purple or yellow inside	Distinctive, brownish purple outside; bright crimson inside
11	Colour fading	Inside bract colour fades to yellow base.	Inside bract colour is continuous till base
12	Bract scars	Prominent	Scarcely prominent
13	Free tepal of male flower	Variably corrugated below the tip	Rarely corrugated
14	Male flower colour	Creamy white	Variably flushed with pink
15	Stigma colour	Orange or rich yellow or pale pink	Cream, pale yellow

**NAMES AND SYNONYMS OF BANANAS AND
PLANTAINS OF INDIA**

Genome/ Subgroup	Name	Synonyms	District/State/ Country	
AA	Anai Komban	Anai Komban, Pachavazhai	Tamil Nadu	
		Attu Komban, Kadali	Ramanathapuram (Tamil Nadu)	
		Pachanadan	Tirunelveli (T.N)	
		Kommu Aratti	Andra Pradesh	
		Haavu Bale, Kombu Bale, Madras Bale, Naga Bale	Karnataka	
		Hathikela	West Bengal	
		Mohan Bansi	Orissa	
		Erachi Vazhai	Kerala	
		Kadali	Deva Kadali	Kerala
			Ney Kadali, Neyvedyakadali, Narkadali, Poovan Kadali, Vellakadali	Tamil Nadu
	Karimkadali	Yerachi Bale	Karnataka	
		Chodari, Irachi Kai, Erachi Vazhai, Karivazhai, Vettan	Kerala	
		Anai Komban	Tamil Nadu	
		Kanai Bansi Hatidat, Mohan Bansi		

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Agniswar	North-East
	Kanai Bansi	Anaikomban	Tamil Nadu
		Hathi Kela	West Bengal
		Mohan Bansi Moinsi Singha	Orissa
		Agniswar	North-East
	Matti	Matti	Tamil Nadu
	Namarai	Namarai	Tamil Nadu
	<i>M.a.ssp. burmanica</i>	Kattu Matti, Kalmatti Calcutta-4	T.N.
	Sanna Chenkadali	Cheriya Chenkadali	Kerala
		Semmatti	Tamil Nadu
	Siguzani	Siguzani	Kerala
	Surya Kadali	Surya Kadali	Tamil Nadu
		<i>Pisang Mas</i> <i>Segle nget Pyaw</i>	<i>Malaysia</i> <i>Burma</i>
AAA	Basarai Cavendish	Potti Pacha Arati, Potti Bhusawle, Cheetakali	Andhra Pradesh
		Guja Bale, Gujali Bale, Kabul Bale, Pacha Bale, Chukke Bale Vamanakeli, Chines, Dwarf Cavendish,	Karnataka

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Shedurni, Bhusawali, Chittedar, Singpuri, Jahaji, Kabuli, Mauritus, Ardhapuri, Basarai	Maharashtra
		Kooli Vazhai, Kooni Vazhai, Khuzhi Vazhai, Kullan, Kuttavazhai, Morris Vazhai, Tharai Matti Vazhai, Pacha Vazhai	Tamil Nadu.
		<i>Maouz Shiny</i>	<i>Arabia</i>
		<i>Wet ma lut</i>	<i>Burma</i>
		<i>Banana Cavendish</i>	<i>Italy</i>
		<i>Pisang Serendah</i>	<i>Malaysia</i>
		<i>Klue Hom Khieo Khom</i>	<i>Thailand</i>
		<i>Choui dun,</i>	
		<i>Choui Tieu Lun</i>	<i>Vietnam</i>
		<i>Pisang Badak</i>	<i>Indonesia</i>
		<i>Sulay Baguio</i>	<i>Philippines</i>
Gros Michel	Gros Michel		Tamil Nadu, Kerala
		<i>Thihmwe</i>	<i>Burma</i>
		<i>Pisang Ambon</i>	
		<i>Pisang Embung</i>	<i>Malaysia</i>
		<i>Kluai hom thong</i>	<i>Thailand</i>
		<i>Fyffes banana</i>	<i>Netherland</i>
		<i>Guinuo gigante</i>	<i>Spain</i>
		<i>Ambon</i>	<i>Philippines</i>
		<i>Pisang Ambon Kuning</i>	<i>Indonesia</i>
		<i>Chuoi Tieu Cao</i>	<i>Vietnam</i>

Genome/ Subgroup	Name	Synonyms	District/State/ Country
	Grand Naine	Harichal	Maharashtra, Assam and Meghalaya
		High Gate	Kerala
		Jahaji	Maharashtra, Assam and Meghalaya
		<i>Bananier Cavendish</i>	<i>Netherland</i>
		<i>Grand Naine</i>	<i>England</i>
		<i>Pisang Ambon Jepang</i>	<i>Indonesia</i>
		<i>Chuoi Va Huong</i>	<i>Vietnam</i>
	Lacatan	Robusta, Lacatan Vaibhal-al-Kuel	T.N. Mizoram
		<i>Pisang Berangan Kuning</i>	<i>Malaysia</i>
		<i>Kluai Hom Maew</i>	<i>Thailand</i>
	Robusta	Pedda Pacha Aratti, Pedda Bhusaval, Madras Pacha Aratti	Andhra Pradesh
		Pacha Bale, Chukke Bale, Yenteedi Bale	Karnataka
		Harichal, Bombay Green, Pedda Pacha Arati	Maharashtra
		Malbhog	Orissa
		Bongali Jahaji, Jahaji, Borjahaji	West Bengal & N.E. (Assam, Meg & Ar.P)

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Monsmarie, Sapumal Anamalu	Kerala
		<i>Poyo Bananaan</i>	<i>Netherland</i>
		<i>Banana Poyo</i>	<i>Italy</i>
		<i>Tudok</i>	<i>Philippines</i>
		<i>Pisang Buai</i>	<i>Malaysia</i>
		<i>Chuoi T ieu Vanh</i>	<i>Vietnam</i>
		<i>Pisang Ambon Putin</i>	<i>Indonesia</i>
	Borjahaji	Robusta	North-Eastern States
Red Banana	Red banana	Yerra Arati, Lal Mowze, Yerra Chakkarakeli	Andhra Pradesh
		Chandra Bale, Chontha Bale, Kenpu Bale, Kunkuma Bale, Sakkalathi Bale	Karnataka
		Chenkadali, Kappa vazhai, Chorakadali, Chorapoovan, Chuvanna Kappa, Chuvanna Chevvazhi, Kappa, Malam Poovan, Raktha Kadali	Kerala
		Lalkela, Velchi, Chenkadali, Chandrabale	Maharashtra
		Lalkadali, Beet Java	Orissa
		Therek Marang, Agniswar, Tulsi Manohar, Terekanchi, Lalkela, Ampan	W.B & N.E

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Pattu Vazhai, Senthuzhuvan, Chevvazhai, Chenkadali	Tamil Nadu
		<i>Shwe Nget Pyaw</i>	<i>Burma</i>
		<i>Hong Guo Jiao</i>	<i>China</i>
		<i>Rode Bananan, cuba</i>	
		<i>bananan, Rod Bananan</i>	<i>Netherland</i>
		<i>Red Dacca, Claret Banana,</i>	
		<i>Jamaica Red Banana</i>	<i>England</i>
		<i>Figue Rose</i>	<i>France</i>
		<i>Weinrote Banana,</i> <i>Kuba Banana</i>	<i>German</i>
		<i>Banana Rosa,</i> <i>Banana di Cuba</i>	<i>Italy</i>
		<i>Pisang Raja Udang</i>	<i>Malaysia</i>
		<i>Rathambala</i>	<i>Srilanka</i>
		<i>Klue Bat</i>	<i>Thailand</i>
	Green Red	Galanamalu, Pacha Chevvazhai, Pacha Kadali, Venkadali, Green red Therek Marang	North-East
		Mac Vazhai	Andhra Pradesh
AAA Thella Chakkarakeli	Chakkrakeli	Thella Arati, Chakkara Kadali, Ezhauththani, Godavari Chakkarakeli, Manchi Chaddarakeli, Saja Arati, Sahaja	Andhra Pradesh

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Raja Bale	Karnataka
		Honda, Bharat Moni, Leyan	N.E
		Rjavazhai, Then Kadali, Rasthali	T.N (Tirunelveli)
AAA			
Unique	Manoranjitham	Karivazhai, Santhanavazhai, Karuvazhai	Tamil Nadu, Kerala
	Pachottan	Pachottan	Karnataka, Kerala
	Amritsagar	Kere, Saapkol Vaibhal-al-kuel	N.E
AB			
Kunnan	Adukkann	Adukka Kunnan, Chara Kunnan, Cheru Kunnan, De Kunnan, Mundi Kunnan, Mutti Kunnan, Paddada Kunnan	Tamil Nadu, Kerala and Karnataka
	Adukkann	Adakka Kunnan, Chera Kunnan, Cheru Kunnan, De Kunnan, Mundi Kunnan, Mutti Kunnan, Paddaka Kunnan, Samba Kunnan, Venneer Kunnan, Nattu Poovan	Tamil Nadu
		Octoman	North-East
	Kunnan	Amrithapani, Chinia, Sugantham, Chakkarakeli, Ginni Arati, Karpurachak- karakeli, Madras Arati, Neechu, Sanna Aakulu chettu, Sugantha.	Andhra Pradesh

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Chitti Bale, Firige Bale	Karnataka
		Adukkann, Annan, Kunnan, Kunnan, Naadan Kunnan, Valiya Kunnan, Adukka Poovan, Kulamel Kula, Cheriyakunnan	Kerala
		Poongkadali, Vellakadali, Nar kadali, Nendra Kunnan	Tamil Nadu
		Patti Mokiri, Sudha Kullan, Saldatti	Orissa
	Padalimoongil	Moongil	Tamil Nadu, Kerala
	Poongalli	Kunnan, Poomkalli, Poongadali, Poomkannan, Kadal	Kerala
		Poom Kalli, Poongadali, Poom Kanna Kadali, Ayirangakai	Tamil Nadu
	Poovilla Chundan	Godavari Kali Bena Aratti, Chitrachalam	Andhra Pradesh
		Randu Bale, Kaththu Bale, Mambilla Bale	Karnataka
		Thirunelli Kadali, Thirunattu Kadali, Thean Kunnan, Kunnan, Maniyilla Kunnan, Chundilla Kunnan, Mambilla Poovan	Kerala
		Poovilla Vazhai, Poong Kadali,	

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Koombilla Mookan, Ohattilla Kunnan, Koombilla Konai	Tamil Nadu
	Venneettu Kunnan	Venneetu Kunnan Narmine	Kerala, Gujarat & Maharashtra
		Ashy Kunnan, Samba Poongadali, Sambal Kunnan	Tamil Nadu
AB Ney Poovan		Mysore Rasthali, Karpura Aratti, Rasadala	Andhra Pradesh
		Deva Bale, Hoo Bale, Elakkie Bale, Puttu Bale, Raja Bale, Puttu Sugantha, Poo Bale, Mitga Bale, Mitly	Karnataka
		Adakka Poovan, Ari Poovan, Kadali Poovan, Kannan Poon Kadali, Kunnan Poovan, Madhura Annan, Ney Kadali, Ney Poovan, Nhali Poovan, Nhani Poovan, Thekkan Kadali, Tirunelli Poovan, Thulunaattu Kadali, Vadakkan Kadali, Rani Poovan	Kerala
		Safed Velchi	Maharashtra
		Rasakadali, Elarasi, Poonkadali, Pacharasi	Tamil Nadu

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Chini Champa Kanthali Champa	Orissa & W.B
		Somai	North-East
AAB Plantain	Moongil	Rendupadala	Kerala
		Singapuri	Orissa
		Moongil, Otta moongil	T.N
	Horn Plantain	Horn Plantain Zanzibar	Tamil Nadu, Kerala
		<i>Hooru Plantain</i>	<i>Denmark</i>
		<i>Horn Plantain</i> <i>Horse Plantain</i>	<i>England</i>
		<i>Banana Corne</i>	<i>France</i>
		<i>Hornfeermige</i> <i>Pisang Feige</i>	<i>Germany</i>
		<i>Pisang Lang</i> <i>Pisang tandok</i> <i>Kluai nga chang</i>	<i>Malaysia</i> <i>Thailand</i>
	Myndoli	Giant Plantain, Nendran	Tamil Nadu, Kerala
		<i>Giant Plantain</i> <i>French Plantain 'Giant'</i>	<i>England</i>
		<i>Banana cent livres</i>	<i>France</i>
	Mysore Ethan	Mysore Ethan <i>Pisang nangka</i>	Kerala <i>Malaysia</i>

Genome/ Subgroup	Name	Synonyms	District/State/ Country
	Nendran	Nana Nendran, Chengazhikodan, Eththakka, Eleri, Kal Ethan, Attu Nendran, Pindi Ethan, Nedu Nendran,	Tamil Nadu
		Rajeli	Maharashtra
		Gajabantal, Saja Bantal, Singa Bantal	Orissa
		Manjeri Nendran, French Plantain, Malai Ethan, Thiruvonan <i>French Plantain</i> <i>African Plantain</i>	Kerala England
		<i>Bhngoaisan</i>	<i>Philippines</i>
		<i>Pisang Candi</i>	<i>Indonesia</i>
	Neockon	Necockon	Kerala
AAB Pome	Kullan	Chakkarakeli, Rasa Aratti, Yenugu Aratti	Andhra Pradesh
		Rajapuri, Jwari Bale, Gujarathi Bale, Anna Guja Bale	Karnataka
		Wazha, Rajapuri, Kullan, Walha,	Maharashtra
		Hill Banana Kullan, Kuzhaivazhai, Thervazhai	Tamil Nadu

Genome/ Subgroup	Name	Synonyms	District/State/ Country
	Kaali	Pacha Aratti, Thotta Aratti	Andhr Pradesh
		Cheena Bale, Elakki Bale, Galibale, Fanaka Bale, Kaadu Bale, Kali Bale, Kattu Bale, Mara Bale, Pacha Bale, Mundagod Bale	Karnataka
		Kaali, Kuppu Mannan, Mannan, Nattu Mannan, Padachchi Kai, Padalu, Padathi, Padavazhai, Pakki, Patta Kalli, Thodan, Vannan, Vella Padan	Kerala
		Pachanadan, Padathi, Vellai Chingan, Chingan, Kaali Vazhai	Tamil Nadu.
	Kapur	Kapur Bale, Gali Bale, Bargi Bale, Kari Bale, Fanka Bale, Saldatti	Karnataka
		Pachaladan, Kaali, Kaalivazhai, Bangalore Aratti	Tamil Nadu.
	Krishnavazhai	Malai vazhai, Sirumalai, Virupakshi, Ladan, Karu vazhai, Kari vazhai	Tamil Nadu
	Kari Bale	Porth Bale	Karnataka
	Lady's Finger	Lady's Finger	Tamil Nadu, Kerala

Genome/ Subgroup	Name	Synonyms	District/State/ Country
	Ladan Pointed	Kathu Bale, Bargi Bale	Karnataka
	Mannan	Pey Kadali, Giant, Ennabenian	Tamil Nadu
	Nendra Padathi	Kuthirai Valan, Chera padathi	Karnataka
		Nendra Padathi, Nendra Vannan	Kerala
		Padathi, Chingan, Kuthiraivalan, Kuthirai Valchingan, Redjasirre	Tamil Nadu.
	Nendra Kali	Nendrakali	Tamil Nadu & Kerala
	Ney Vazhai	Red Pachaladan	Tamil Nadu, Kerala
	Pachanadan	Bengala, Chakkarakeli, Konda Aratti, Malabar, Pacha Aratti, Pacha Ladan	Andhra Pradesh
		Belli Baja, Cheena Bale, Huli Bale, Gali Bale, Mara Bale, Pacha Bale, Kari Bale, Bargi Bale, Naga Bale	Karnataka
		Cheruvannan, Erodan, Mannan, Padathi, Thekkan Mannan,	

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Thodan, Vannan, Vella Paadan	Kerala
		Erode Nadan, Kadali, Kaali, Kal Kadali, Korangu Laadan, Ladan, Ladda, Nadan, Nattu Chingan, Pachanadan, Pachanala, Pacha Vazhai	Tamil Nadu.
	Pey Ladan	Ladan, Madavazhai, Maharani Vazhai, Peyan, Peyladan, Pey Vazhai	Tamil Nadu
	Sirumalai	Cheruvannan Malaivazhai, Malaikali, Vannan, Vannan Kali, Virupakshi	Tamil Nadu
	Vannan	Sugandham	Andhra Pradesh
		Kaadu Bale	Karnataka
		Dacca Martaban	Orissa
		Malaivazhai, Ethana Vazhai, Kaali Vazhai, Katta Kaali, Korangu Nadan, Korangupacha ladan, Kozhikkootu Vazhai, Ladan, Pacha Ladan, Tenkasi, Malai Vazhai, Vidiri Vazhai, Malai Kali, Virupakshi, Udiran Vazhai, Sirumalai Cheru Vannan, Kaali Thodan, Mundilapaadan,	

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Mundi Vellapaadan, Padalu, Valiathodan, Vannan, Vannan Eradan, Vannan Kaali	Tamil Nadu
	Virupakshi	Malai Vazhai, Ethara Vazhai, Kaali Vazhai, Katta Kaali, Korangu Naadan, Korangu Pacha Ladan, Kozhikkootu Vazhai, Ladan, Pacha Ladan, Tenkasi Mala Vazhai, Udiran Vazhai, Malai Kali, Vannan, Sirumalai Cheru Vannan, Kaali Thodan, Mundila Paadan, Mundivellapaadan, Padalu, Valiathodan, Vannan, Kaali	Tamil Nadu
	Barji Bale	Bargi Bale	Karnataka
AAB Silk	Ayiranka Rasthali	Ayiran Kachchi, Ayiranka Poovan, Poovilla Konnai, Poovodiya Vazhai	Tamil Nadu
		Veyyikai Aratti	Andhra Pradesh
		Ayiram Poovan, Ayiranka Poovan	Kerala
		Perum Padali	Karnataka, Kerala

Genome/ Subgroup	Name	Synonyms	District/State/ Country
	Honda	Malbhog, Thera lophu	North-East
	Rasthali	Amrithapani, Mokiri, Bengala Desi, Karpura Chakkarakeli, Pallu, Pedda Sugandan, Poo Sugandhi, Sugantha, Thella Mekkiri	Andhra Pradesh
		Bele Suganthi, Hoo Bale, Nanjangud Rasa Bale, Rasa Bale, Siruguppa Bale, Suvandal	Karnataka
		Anna Poovan, Ari Poovan, Nattu Poovan, Nattu Thuluvan, Poovan, Thuluvan	Kerala
		Soniyal, Ambeli, Sakkal Nagpur, Sakkar Chayna	Gujarat
		Mutheli, Silk fig, Apple Banana	Maharashtra
		Patkapura, Buttam, Pot Kapura Sonkel, Ellaichi, Jalakonda Mokri, Kothia	Orissa
		Martman, Malbhog, Sabri, Digjowa, Amritman, Kulpait	North-East & West Bengal

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Karkandu Vazhai, Kozhikodu, Nattu Poovan, Ullur Poovan, Tholluvan, Vellai Tholluvan.	Tamil Nadu
		<i>Htaw bat</i>	<i>Burma</i>
		<i>Silk Banana, Apple Banana</i> <i>Sugar Banana, Silk Fig</i>	<i>England</i>
		<i>Figue Pomme</i>	<i>France</i>
		<i>Pisang Rastali, Pisang</i> <i>Rajah Sereh</i>	<i>Malaysia</i>
		<i>Banana de Cuba,</i> <i>Banana Maca</i>	<i>Portugal</i>
		<i>Kolikkud</i>	<i>Srilanka</i>
		<i>Latundan</i>	<i>Philippines</i>
		<i>Pisang Rajah Sereh</i>	<i>Indonesia</i>
		<i>Kluai Nam</i>	<i>Thailand</i>
		<i>Chuoï Goong</i>	<i>Vietnam</i>
	Soniyal	Sakkar Chayna, Sakkal Nagpur, Ambeli	Gujarat
	Baidi Chinia	BaidiChinia	Karnataka

Genome/ Subgroup	Name	Synonyms	District/State/ Country
AAB	Mysore	MottaPoovan	Tamil Nadu
		<i>Hawaiian banana 'Popoulu'</i> <i>Banana a chair Fouge</i>	<i>England</i> <i>France</i>
	Poovan	Ginni Aratti, Bengala Aratti, Karpurachakk arakeli, Rasthali, Salem chakkarakeli, Sugandam, Vasana Chettu, Yerra Aratti, Yerra Sugandam	Andhra Pradesh
		Cheena Bale, Huli Bale, Kari Bale, Kari goddi, Mysore Kadali, Nanjangud Bale, Othurasa Bale, Vilayathi Bale, Mysore Mitli, Mitly, Mituga Chandan, Terabun	Karnataka
		Cheru Kai, Mysore Poovan, Palayangodan	Kerala
		Lalvelchi, Champa, Mysore, Sour Velchi	Maharashtra
		Cheni Champa, Champakol, Alpon, Ladiyachampa, Garomoina, Dasaman, Kawrmut, Lang bhal-al, Bai bhal-al-their, Heijao	North-East
		Adukku Namarai, Dorai Vazhai,	

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Erode Poovan, Kadali, Kallattu Vazhai, Kari Vazhai, Korangu Vazhai, Poovan, Poovazhai, Palichan Kadali, Navarai, Pulippu Kai, Mysore Kadali, Kotta Vazhai	Tamil Nadu
		Champa, Champa Kela, Alpon	West Bengal
		<i>Moz sobaoel sitt</i> <i>Nget pyaw chin</i>	<i>Arabia</i> <i>Burma</i>
		<i>Mysore Banana</i> <i>Champa Banana</i>	<i>England</i>
		<i>Pisang Keling</i>	<i>Malaysia</i>
		<i>Hondera wale</i>	<i>Srilanka</i>
		<i>Kluai Khai Farang</i> <i>Kluai Kai Farang</i> <i>Kluai Lanka</i>	<i>Thailand</i>
		<i>Inagel</i>	<i>Philippines</i>
		<i>Pisang Kelung</i>	<i>Indonesia</i>
		<i>Chouicom Chua</i>	<i>Vietnam</i>
	Suganthi	Puttabale	Karnataka
		Suganthi	Tamil Nadu
	Borchampa	Borchampa	North-East

Genome/ Subgroup	Name	Synonyms	District/State/ Country
AAB Unique	Chinali	Chinali	Tamil Nadu, Kerala
		<i>King Banana</i> <i>Rajah Banana</i>	<i>England</i>
		<i>Pisang Rajah</i> <i>Biu Rajah</i>	<i>Malaysia</i>
	Dudh Sagar	Kalibow	Kerala
		Kaliban	Karnataka
	Pisang Seribu	Thervazhai	Tamil Nadu, Kerala
		<i>Musa chiliocarpa</i>	
		<i>Pisang seribu</i>	<i>Malaysia</i>
		<i>Klue Roi Wee</i>	<i>Thailand</i>
		<i>Choui Tran-nai</i>	<i>Vietnam</i>
	Thiruvananthapuram	Pisang Kelat, Kurangu vazhai	Kerala, Karnataka, Tamil Nadu & Andaman
ABB Monthan	Kuri bontha	Pidi Bontha, Katha Bontha, Pidimonthan	Tamil Nadu
		Kuri Bontha	Andhra Pradesh
	Monthan	Basthi Bontha, Yenugu Bontha, Yenagu Monthan, Muchika Bontha	Andhra Pradesh
		Akku Bale, Aunda Bale, Banga Bale, Kalyan Bale,	

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Budhu Bale, Manga Bale, Mara Bale, Silanti, Shan Bale Deva Bale, Madhuranga Bale Chetti Kai, Kuppakkaali, Ponnan, Ponthan, Sodari, Thenali, Thezhuthani	Karnataka Kerala
		Bainsa, Bhainsa Kela, Bhaingu, Bankel, Bankela, Kachkela, Singhalaj Kachkela, Kanchikela,	Maharashtra and Orissaa
		Sabjikela, Kachkel Kashkal, Dakshinsagar, There haw	North-East
		Malai Monthan, Kondai Monthan, Kondaikai, Erode Monthan, Erode Bonthan, Erode Vazhai, Maanaathu Monthan, Nattu Monthan, Naathangi Monthan, Nielh Bontha, Nirbontha, Thoppul Vazhai, Thoppul Monthan, Yendra Monthan, Yenthala Monthan, Trichirapalli Monthan	Tamil Nadu
		<i>Madhuranga</i> <i>Pisang Abu Bujal</i> <i>Kluai Nom Mi</i> <i>Chuoï Ngop Cau</i>	<i>Philippines</i> <i>Malaysia</i> <i>Thailand</i> <i>Vietnam</i>
Kanchikela		Monthan	Tamil Nadu
		Kanchi, Kanchkel, Kannchikela	West Bengal

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Bungan, Bangrier, Bagner	Karnataka
	Pacha Bontha Batheesa	Pacha Bontha Batheesa Bachees, Bathaas, Batheesa	T.N., A.P., Kerala & Karnataka
		Batasa Bontal, Poussia	Orrisa
	Booditha Bontha Batheesa	Ashy Batheesa Booditha Batheesa, Booditha Bontha Batheesa, Thella Batheesa, Thella Bonthan Batheesa, Batheesa Ash, Singal	Tamil Nadu, Kerala Karnataka and Andhra Pradesh
	Ash Monthan	Sambrani Monthan Booditha Aratti, Godavari Bontha, Soodi Bontha, Thella Bontha	Andhra Pradesh
		Bonya Kilandi, Boothibale, Boothi Mathuranga, Shanbale, Kari Bale, Vennittu Manga, Embale	Karnataka
		Sambal Monthan, Ash Monthan, Vennittanthe- zhuthani	Kerala
		Kachkel, Kanchikela, Ban pawl	North-East
		Sabjjkol	West Bengal
		Goukar, Silver Monthan Sambal Monthan, Ash Monthan, Vellai Monthan, Boothan Kaya Sambrani Monthan	Tamil Nadu Kerala

Genome/ Subgroup	Name	Synonyms	District/State/ Country
ABB Bluggoe	Kallu Monthan	Boothi Bale	Karnataka
		Pidi Monthan, Kallu Monthan	Tamil Nadu
	Ney Mannan	Kamalapuram	Andhra Pradesh
		Karibale	Karnataka
		Charakali, Chathura Kaali, Iyyanmannan, Kallu Vannan, Mala Mundi, Ney Vannan, Padinharan, Pey Monthan, Theeyan Mannan	Kerala
		Mendhi Bental	Orissa
		Bhysi mouze	North-East
		Nattu Vazhai, Peyan, Vayakkattu Vazhai, Vayal Vazhai, Naadu, Monthan	Tamil Nadu
	Bluggoe	Monthan	Tamil Nadu, Kerala
		Kari Bale	Karnataka
<i>Cooking Banana, Horse Banana Hog Banana</i>		England	
<i>Pisang Abu Keling Pisang Kepok</i>		Malaysia	
<i>Plantano burrow Chamaluco Largo Klue Hak Muk</i>		Spain Thailand	

Genome/ Subgroup	Name	Synonyms	District/State/ Country	
		<i>Matavia</i>	<i>Thilippines</i>	
		<i>Pisang Kosta</i>	<i>Indonesa</i>	
		<i>Chuoï Ngop Lun</i>	<i>Vietnam</i>	
Saba	Monthan		Tamil Nadu, Kerala	
		<i>Saba Banana, Papaya banana, Pawpaw banana, Philippines cooking banana, Bail Cooking banana.</i>	England	
		<i>Biu gedarg Saba</i>	Japan	
		<i>Pisang Nepali Pisang Kepok</i>	Malaysia	
		<i>Kluai Hiu</i>	Thailand	
		<i>Saba</i>	Philippines	
	Ashy Chakkia	Ashy Sakkai, Birbutia, Silver Bluggoe		Tamil Nadu, Kerala
			Katsila	Philippines
			Pisang Sila	Malaysia
		Pisang Kosta Patih	Indonesia	
	Kluai Hak Muk Khao	Thailand		
Chakkia	Sakkara Bale, Gauria		Karnataka	
		Sakkai, Beula, Kothia, Muthia, Nepali Chinia, Kallu Monthan	Tamil Nadu & Kerala	
		Choukua, Mendhi	Orissa	

Genome/ Subgroup	Name	Synonyms	District/State/ Country	
ABB Bontha	Bontha	Bontha, Bontha Arati, Koorakayi Chettu, Nalla Bontha, Pacha Bontha, Palakolu Bontha, Pedda Bontha	Andhra Pradesh	
		Nutepong, Kaitkullung, Kait Shejeng, Singalaji, Gopan	North-East	
		Kari Bale, Kaththi Bale, Shan Bale	Karnataka	
		Thezhuthani, Manjavazhai	Kerala	
		Bantal	Orissa	
		Bonthan, Chatura Monthan, Kotta Bontha, Bontha, Koonthalai, Manaathu Monthan, Montha, Nattu Kai, Naattu Monthan, Periya Bontha, Nalla Bontha, Sahara Monthan, Kuri Bontha, Villu Monthan	Tamil Nadu	
		Jillegudem collection	Jillegudam collection	Andhra Pradesh
			Kullar Kanai	Karnataka
		Venneettu Mannan	Boodithi Aratti	Andhra Pradesh
			Boothi Bale, Boothi Javari, Govakkai	Karnataka
	Charakali, Venneettu Mannan, Venneettu Vannan	Kerala		
	Peyan, Samba Vazhai, Sambrani Vazhai, Ashy Ney Mannan	Tamil Nadu		

Genome/ Subgroup	Name	Synonyms	District/State/ Country
ABB Pisang Awak	Agni Malbhog	Agni Malbhog	North-East
	Ankur-II	Ankur - II	Norh-East
	Chinia	Batisapiro, Nepali Vannan, Dakshin Sagar	Karnataka, Kerala and Tamil Nadu
	Enna Benian	Ennabenian	Kerala
		Vananthpurani	Karnataka
	Kanthali	Boddida Bukkisa	Andhra Pradesh
		Gauria	Gujarat
		Kanthali	West Bengal, Bihar
	Karpuravalli	Kostha Bontha, Boodida Bukkisa, Bharatha Ratnavali, Bukkisa Arati, Batheesa Arati, Nellore Amrithapani, Jammulapalem Collection	Andhra Pradesh
		Kanthali	Bihar
		Baku Plata	Orissa
		Calanaul	Gujarat
		Sakkara Bale, Poombidiyan	Karnataka
		Vellapalayankodan, Kudumbavazhai	Kerala
		Karpura Vazhai, Rajavazhai, Karpooravalli, Peykunnan, Samba vazhai, Thean Vazhai, Pannai Vazhai, Navaral, Pèy Kunnan	Tamil Nadu
	Chinia		West Bengal

Genome/ Subgroup	Name	Synonyms	District/State/ Country
		Banria, Manohar, Manuva Kola, Sail Kola, Shalil Kela, Bangla Kola Geda, Gera, Deshikadali	North-East
		Shahil Baig, Burkel	Karnataka
		<i>Yak Hine</i>	<i>Burma</i>
		<i>Thaicooking Banana</i> <i>Ducgsse Banana</i>	<i>England</i>
		<i>Pisang Awak, Pisang siem</i> <i>Pisang Klotok</i>	<i>Malaysia</i>
		<i>Kluai Nam Wa</i>	<i>Thailand</i>
		<i>Katali</i>	<i>Philippines</i>
	Ladisan	Ladisan, Poombidiyan	Karnataka, Kerala
	Moutman	Bankel	North-East
	Pey Kunnan	Pey Kunnan	Kerala
		Sambrani, Thean Vazhai	Tamil Nadu
ABB Peyan	Boothi Bale	Bonha Bale, Boothi Bale, Gobra Bale	Karnataka
		Ohakkan Mannan, Venneethan	Kerala
		Kallu Vazhai	Tami Nadu
	Peyan	Palakola Bontha, Sapota Aratti, Rasthali	Andhra Pradesh
		Ney Vannan, Ney Vazhai	Kerala
		Kallu Vazhai, Kotta Vazhai, Peyan, Savargundy, Madavazhai	Tamil Nadu

Genome/ Subgroup	Name	Synonyms	District/State/ Country
ABB Unique	Ginde	Ginde	Karnataka
	Kechulepa	Gera, Geda	North-East
	Karthobium Thamg	Pordu, Nuchan, Anaji Kola	North-East
	Sagarkol	Sagarkol, Kaitlong, Kait Khullung, Pagar Banana, Rigitchi, Jatikol	North-East
ABBB	Bhat Manohar	Bhat Manohar	North-East India
BB	Elavazhai	Aakku Aratti, Ginja Arati, Verri Arati	Andhra Pradesh
		Ele Bale, Kaadu Bale, Kallu Bale	Karnataka
		Athiakol, Attikol, Rissue	North-East
		Kattuvazhai Elavazhai, Kottavazhai	Tamil Nadu
	Bhimkol	Bhimkel, Bhimkol	North-East
		Sambal Ney Vannan, Sasra Bale, Kadu Bale Sahasra Bale	Karnataka
	Rissue	Attikol	North-East
	Musa balbisiana	Musa balbisiana	North-East & T.N.
	Borkal Baista	Manohar, Manguthamang, Jurmanikai, Jungle Kola	North-East
	Bacharia Malbhog	Bacharia Malbhog	North-East



Sanna Chenkadali (AA)



Kadali (AA)



Namarai (AA)



Matti (AA)



Erachi Vazhai (AA)



Kanai Bansi (AA)



Anai Komban (AA)



Neyvediyakadali (AA)



M.ac.ssp.burmanica



Musa.ac.wild (Nagaland)



Manoranjitham (AAA)



Borjahaji (AAA)



Musa.ac.wild (Andaman)



Red Banana (AAA)



Pachottan (AAA)



Sapumal Anamalu (AAA)



Thella Chakkarakeli (AAA)



Poomgalli (AB)



Adukka Kunnan (AB)



Laliya Kunnan (AB)



Kodappanila Kunnan (AB)



Ney Poovan (AB)



Poovan (AAB)



Motta Poovan (AAB)



Nendran (AAB)



Ney Vazhai (AAB)



Rasthali (AAB)



Virupakshi (AAB)



Pachaladan (AAB)



Jwari Bale (AAB)



Nendra Padathi (AAB)



Pisang Seribu (AAB)



Dudhsagar (AAB)



Borchampa (AAB)



Chinali (AAB)



Thiruvananthapuram (AAB)



Nepali Vannan (ABB)



Poombidiyan (ABB)



NRCB Sel -1 (ABB)



Ankur-II (ABB)



Pacha Bontha Batheesa (ABB)



Ashy Batheesa (ABB)



Monthan (ABB)



Ash Monthan (ABB)



Vennuttu Mannan (ABB)



Bainsa (ABB)



Bagner (ABB)



Ney Vannan (ABB)



Cherapadathi (ABB)



Naadu (ABB)



Chakkia (ABB)



Ashy Chakkia (ABB)



Kechulepa (ABB)



Peyan (ABB)



Pagar Banana (ABB)



Ginde (ABB)



KarthobiumThamang (ABB)



Bhat Manohar (ABBB)

Diversity in *Musa balbisiana*, Colla.,



Wild -1 (Arunachal Pradesh)



Wild -2 (Meghalaya)



Wild -3 (Assam)



Wild -4 (Assam)



Ensete glaucum



Ensete superbum

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